SYSTEM AND SERVICES AGREEMENT

between

BROWARD COUNTY

and

AIR-TRANSPORT IT SERVICES, INC.

RFP No. 20070514-0-AV-01

This is a SYSTEM AND SERVICES AGREEMENT ("System Agreement"), made and entered into by and between BROWARD COUNTY, a political subdivision of the State of Florida, hereinafter referred to as "County,"

and

AIR-TRANSPORT IT SERVICES, INC., a Delaware corporation, authorized to do business in the State of Florida, hereinafter referred to as "Contractor,"

WHEREAS, this System and Services Agreement ("System Agreement") and the concurrent Software License and Maintenance Agreement ("License Agreement") are the result of County's Request for Proposal (RFP) process designated as Airport Information Management System, RFP No. 20070514-0-AV-0, including all addenda thereto; and

WHEREAS, Contractor has represented that it has application Software that when used with other third party products and/or Goods provided by Contractor, as identified in the Agreement, will provide County with an Airport Information Management System. Contractor's Software and the third party products and other Deliverables make up the System, as defined below, and Contractor represents that its personnel or those subcontracted by Contractor have the knowledge, proficiency and skills to provide (a) the Services, including any programming/configuration Services needed to modify the Licensed Software and/or establish interfaces between the Licensed Software and other County entities, data processing programs and Software applications as may be hereinafter described, (b) consulting and project management Services, (c) data conversion, (d) training, mentoring and Documentation, (e) infrastructure and millwork installation and (f) maintenance of the System, including, but without limitation, those parts of the System not procured from and/or owned by Contractor; however, those parts not procured from and/or owned by Contractor shall meet or exceed Contractor recommendations/ specifications; and

WHEREAS, the parties understand that County may be directly acquiring from other vendors Hardware, Software, and other items needed to configure, install and otherwise establish the proper data processing environment needed by Contractor in order for Contractor to furnish and provide the System; and

WHEREAS, County is not acquiring the Goods, Services, Hardware, Software and other equipment and products and entering into a license for the Contractor Licensed Software as separate entities. Rather, Contractor acknowledges that County is purchasing these items and licensing the Contractor provided Licensed Software to operate as a whole with the items to be supplied by County and Contractor so that together all items will provide County with the System in a multi-user environment, with the interfaces with other County entities, data processing programs and Software applications and that this is the essential purpose to be served by County's acquisition of the System, Services and licensing from Contractor; and

WHEREAS, Resolution No. 95-937 of the Board of County Commissioners of Broward County, Florida, relating to County's Computer Software Policy, established a requirement for inspection of all computer application Software systems purchased or developed for Broward County by third parties costing over Twenty Thousand Dollars ($20,000.00) prior to its acceptance by County. Contractor recognizes that all computer application Software purchased or licensed by Broward County from Contractor, and without limiting the foregoing, in particular, the System acquired under the Agreement, shall be inspected and tested by the County's Office of Information Technology prior to acceptance of the System. Also, all contracts for the purchase of computer application Software costing more than Twenty Thousand Dollars ($20,000.00) shall include clauses providing (i) for inspection and testing by the Office of Information Technology of such computer application Software prior to formal acceptance of that Software by Broward County, and (ii) that final payment shall not be made prior to formal acceptance of the System by County. The Office of Information Technology will coordinate its acceptance responsibilities with those of other County entities utilizing the standards for acceptance set forth and described in the Agreement. The Office of Information Technology's failure to accept the System shall constitute non-acceptance by County. In the event of such non-acceptance and only after full repayment by Contractor of any and all monies paid by County to Contractor pursuant to the System Agreement and the License Agreement, subject to third party claims against Contractor, County shall return the Licensed Software, as hereinafter defined, Documentation and the Goods received from Contractor and promptly remove the Licensed Software from any and all County Hardware upon which the Licensed Software may reside. The parties also recognize and agree that County's obligations under the System Agreement and the License Agreement are specifically conditioned upon its accepting the System as set forth and described in this System Agreement.

NOW, THEREFORE, IN CONSIDERATION of the mutual terms, conditions, promises, covenants and payments which follow, County and Contractor agree to the following:

ARTICLE 1
PREAMBLE

1.1 **Recitations.** The foregoing recitations are true and correct and are hereby incorporated into this System Agreement by this reference.

1.2 **Funding.** Contractor recognizes that funding for County requirements, including the funding for monies to pay for the System and Services, is done on a budget year basis, October 1 through September 30. Contractor further recognizes that the Board of County Commissioners for Broward County is the authority which establishes, allocates or otherwise provides for County's budget year funding. If in any budget year, funding, for any reason, is not provided for any monetary obligation hereunder, then such obligation may be terminated by County without penalty.

ARTICLE 2
DEFINITIONS

2.1 **Airport** or **FLL:** means the Fort Lauderdale-Hollywood International Airport, Broward County, Florida, as described in the Master Plan Update, including such additional property that may be acquired to implement development as described therein.

2.2 **Agreement** or **Contract:** Each reference herein to "Agreement" or "Contract" means collectively this System Agreement, the concurrent License Agreement and the Contract Documents. Any references in an exhibit attached hereto or in the Contract Documents or in the License Agreement, to the "Agreement" or the "Contract" shall be deemed to mean this System Agreement, the License Agreement and the Contract Documents.

2.3 **Aviation Department** or **BCAD:** means the Broward County Aviation Department, or any successor agency.

2.4 **Board** or **Commission:** means the Board of County Commissioners of Broward County, Florida, which is the governing body of the Broward County government created by the Broward County Charter.

2.5 **County Business Enterprise("CBE"):** means a firm duly certified as a County Business Enterprise by the County under criteria and eligibility requirements of Broward County Ordinance No. 2009-40 (County Business Enterprise Act of 2009).

2.6 **Consultant:** means Convergent Strategies Consulting, Inc., its successors and assigns, who are providing consulting services for this project.

2.7 **Contract Administrator:** means the Director of the Broward County Aviation Department, or his or her designee, pursuant to written delegation by the Director of the Broward County Aviation Department, or some other employee expressly designated as Contract Administrator in writing by the County Administrator. The primary responsibilities of the Contract Administrator are to coordinate and communicate with Contractor and to manage and supervise Services hereunder and the other terms and conditions of this System Agreement. In the administration of this System Agreement, as contrasted with matters of policy, all parties may rely on the instructions or determinations made by the Contract Administrator, provided, however, that such instructions and determinations do not change the terms and provisions of this System Agreement. Amendments to this System Agreement must comply with the Procurement Code (Chapter 21 of the Broward County Administrative Code).

2.8 **Contract Documents:** means this System Agreement, the project manual including drawings (plans) and specifications, the Request for Proposal (RFP) designated as Airport Information Management System, RFP No. 20070514-0-AV-0, all addenda thereto and Contractor's response thereto, the record of the award, all Notices to Proceed under this System Agreement, all Work Authorizations issued hereunder, all purchase orders, change orders, field orders, supplemental instructions, all performance bond(s) and payment bond(s), all Documentation, and all other documents the submission of which is required by this System Agreement or any Contract Documents, and all exhibits to any of the foregoing, all of which Contract Documents are expressly incorporated herein by this reference.

2.9 **Contractor:** means Air-Transport IT Services, Inc., its approved successors and assigns.

2.10 **County:** means Broward County, a body corporate and politic and a political subdivision of the State of Florida.

2.11 **County Administrator:** means the administrative head of the County pursuant to Sections 3.02 and 3.03 of the Broward County Charter.

2.12 **County Attorney:** means the chief legal counsel for County who directs and supervises the Office of the County Attorney pursuant to Section 2.10 of the Broward County Charter.

2.13 **County Work Day:** means Monday through Friday of each week, excluding County holidays.

2.14 **Critical Cut-over:** means the point in the implementation where the MUFIDS component is fully cut-over to the System, or when any of the FLL airlines are using the DAPP component to perform any function associated with passenger processing.

2.15 **Defects:** means incorrect implementation or failure to conform to specifications resulting in incompleteness, inadequacy, or imperfection. Defects will be logged, prioritized and corrected in accordance with the definition of Event found below. Defects identified during Preliminary Reviews, any testing steps and Final Acceptance shall be corrected in accordance with the terms and conditions of this System Agreement. Following Final Acceptance, Defects will be corrected in accordance with the License Agreement.

2.16 **Deliverables:** means all Licensed Software, Third Party Software, Goods, and Documentation to be delivered by and all items of Services to be performed for and provided to County by Contractor under the Agreement.

2.17 **Documentation:** means such documentation as delivered by Contractor to County and accepted by County at Final Acceptance of the System relating to the use, function and support of the System, as may be amended from time to time by Contractor. Such Documentation shall include, but not be limited to, the Statement of Work, the Preliminary and Final Acceptance Criteria and the changes, modifications, alterations and configurations made by Contractor or its subcontractors to the Software hereunder to provide County the System. For purposes hereof, Documentation also includes the User and/or System Administrators' Guides, Deliverables, and other written or electronic material as made generally available by Contractor to its customers relating to the use, function and support of the Software, as may be amended from time to time, by including any derivative works thereto.

2.18 **Effective Date:** means the date that this System Agreement is executed by the County.

2.19 **Event:** means an incident whereby the System is either not working or its operation is inconsistent with the Documentation. Events are divided into categories. The categories are Priority 1, 2, 3 and 4 as further defined below.

Priority 1 - Critical Business Impact Event: means the impact of the reported Defect is such that the County is unable to either use the System or reasonably able to continue working using the System.

Priority 2 - Significant Business Impact Event: means important features of the System are not working properly. While other areas of the System may not be impacted, the reported Defect has created a significant, negative impact on County's productivity and/or service level.

Priority 3 - Some Business Impact Event: means important features of the Software are not working properly. County impact is minimal loss of operational functionality.

Priority 4 - Minimal Business Impact Event: means the County submits an Event, information request, Software enhancement or Documentation clarification which has no operational impact. The implementation or use of the System by the County is continuing and there is no material negative impact on productivity.

2.20 **Final Acceptance:** means the acceptance of the System by County as required by Resolution No. 95-937 of the Board of County Commissioners of Broward County, Florida, which established a requirement for inspection and testing of all computer application Software purchased or developed for County by third parties costing over Twenty Thousand Dollars ($20,000.00).

2.21 **Goods:** means all tangible property, equipment and Hardware, to be provided by Contractor pursuant to the Agreement, including but not limited to, the items as set forth, described and designated as "to be provided by Contractor" in the Agreement or in any exhibit to the Agreement.

2.22 **Hardware:** means the physical components or equipment which make up a computer system including the programs that control the operations of the computer and support the Software.

2.23 **License Agreement:** means the Software License and Maintenance Agreement entered into by County and Contractor concurrently with this System Agreement and all Work Authorizations issued thereunder, together with the exhibits and schedules which are attached to the License Agreement and all Work Authorizations thereunder, which License Agreement is incorporated herein by this reference.

2.24 **Licensed Software:** means the Licensed Software described in **Exhibit C** to this System Agreement (as it may be updated pursuant to the Agreement), to be provided by Contractor and includes each computer program or module, application and patent which makes up the Licensed Software and each copy, translation, Update, Upgrade or modification of all or any part of the Licensed Software in any medium, delivered to the County by, and capable of running on Hardware recommended by Contractor and identified in **Exhibit B** to this System Agreement (as it may be updated pursuant to the Agreement), together with any materials related thereto, such as, any human readable program listings, flow charts, logic diagrams, output forms, manuals, specifications, instructions, Documentation, and other materials, and any copies of the foregoing, in any medium, related to the Licensed Software and normally provided by Contractor to any other licensee of the Licensed Software and all released modifications, enhancements, Upgrades, or Updates provided by Contractor pursuant to the Agreement.

2.25 **Lump Sum:** When the method of compensation is that of "Lump Sum" such phrase means that Contractor shall perform or cause to be performed the described services for total compensation in the stated amount.

2.26 **Maintenance Services:** means any activity intended to eliminate or remedy faults, to improve or to keep the System in satisfactory working condition, including tests, measurements, adjustments, changes, modifications, enhancements, repairs, Updates, and Upgrades all as provided in the License Agreement.

2.27 **Master Plan Update:** means the then current Master Plan Update for the Airport that was developed in accordance with FAA Advisory Circular 150-5070-6A, Airport Master Plans, as it may be amended from time to time.

2.28 **Maximum Amount Not-To-Exceed:** when the method of compensation is that of "Maximum Amount Not-To-Exceed" or "Maximum Not-To-Exceed Amount" such phrase means that Contractor shall perform or cause to be performed all services during the period set forth for total compensation based on actual hours and costs incurred, in the amount of, or less than, the stated amount.

2.29 **Notice to Proceed:** with respect to this System Agreement means a written notice to proceed, authorizing the Contractor to commence work under the System Agreement, or under a Work Authorization or under a subsequent phase or task of Services under this System Agreement or a Work Authorization. The written Notice to Proceed that authorizes the Contractor to commence work under the System Agreement shall be issued by the Contract Administrator ("Initial NTP"). The written Notice(s) to Proceed ("NTP") for subsequent phases or tasks, shall be issued by the Contract Administrator.

2.30 **Preliminary Acceptance:** means the acceptance of Deliverables that constitute a phase or subphase as defined in the Statement of Work **(Exhibit A).** Preliminary Review and/or Preliminary Acceptance shall have no bearing on County's Final Acceptance determination.

2.31 **Preliminary Review:** means the fifteen (15) County Work Day time period, subsequent to County's receipt of a Deliverable(s) for County to perform a review of the submitted Deliverable(s). Preliminary Review and/or Preliminary Acceptance shall have no bearing on County's Final Acceptance determination.

2.32 **Project Manager:** means the County's Project Manager and the Contractor's Project Manager, as applicable pursuant to Section 20.7.

2.33 **Releases:** means those versions of the Licensed Software which add functionality to the Software, including any Updates and Upgrades provided under the Agreement.

2.34 **Services:** means the work, duties and obligations to be carried out and performed by Contractor under the Agreement, including without limitation, **Exhibit A,** "Statement of Work," to this System Agreement, and the Contract

Documents and under any exhibit thereto. Without limiting the foregoing, the Services to be performed by Contractor fall into the following general categories: (i) consulting, (ii) installation and configuration of equipment, Hardware and Software, (iii) modification/configuration and integration of the Software with the existing equipment, Hardware and/or Software, (iv) project management, (v) programming agreed upon interfaces, (vi) conversion of County's current data, (vii) training of County staff, (viii) infrastructure and millwork installation, (ix) Optional Services under a Work Authorization, if authorized under this System Agreement, (x) Maintenance Services under the License Agreement, (xi) and Services under such Work Authorizations as may be issued under the License Agreement.

2.35 **Site License:** means an unlimited number of copies of the Licensed Software running in County Hardware, with an unlimited number of server copies and an unlimited number of concurrent end user licenses, including Third Party User Licenses for on and off-site, wired and wireless access of the Licensed Software.

2.36 **Software:** means programs in any form (i.e., object or source code) which (i) tell a computer what to do, and (ii) perform the tasks specified in the Agreement, whether or not the programs are to be supplied by Contractor.

2.37 **Subcontractor:** means a firm, partnership, corporation or combination thereof having a direct contract with the Contractor for all or any portion of the work.

2.38 **Sublicense:** means a sublicense in Third Party Software that is granted to the County by the Contractor pursuant to the Contractor's license rights in such Software.

2.39 **System** or **AIMS:** means the Airport Information Management System as well as the Software, enhancements, Third Party Software, Hardware, Goods, Services, Documentation, licenses and other items, tangible and intangible, which together will (i) allow County's Aviation Department to have and maintain an integrated Airport Information Management System in a multi-user environment employing microcomputer technology, and (ii) provide the Documentation and Services required by the Agreement.

2.40 **System Agreement:** means Articles 1 through 23, inclusive, inclusive, of this of this System and Services Agreement, all Work Authorizations issued hereunder, the Contract Documents, and the exhibits and schedules which are attached to this System Agreement, any Work Authorizations issued hereunder and the Contract Documents, all of which are incorporated herein by this reference. Any references in an exhibit listed below to the "System Agreement" or "Contract Documents" shall be deemed to mean this System Agreement, together with all Work Authorizations issued hereunder, all Contract Documents and all exhibits to the foregoing. The following exhibits and schedules are attached hereto and incorporated into this System Agreement by this reference:

Exhibit A	Statement of Work
Exhibit B	Goods and System Hardware (as it may be updated pursuant to the Agreement)
Exhibit B-1	Existing EVIDS Devices (as it may be updated pursuant to the Agreement)
Exhibit C	Licensed Software and Third Party Software (as it may be updated pursuant to the Agreement)
Exhibit D	Rates and Fees to be Charged by Contractor/Subcontractor
Exhibit E	Master Price List (as it may be updated pursuant to the Agreement)
Exhibit F	Payment Schedule
Exhibit G	Key Staff
Exhibit H	Certificates of Insurance
Exhibit I	Work Authorization Forms; Contract Administrator, Purchasing, Board
Exhibit J	Schedule of Subcontractor Participation
Exhibit J-1	Schedule of CBE Participation and Letters of Intent
Exhibit J-2	Certification of Payments to Subcontractors and Suppliers
Exhibit J-3	CBE Utilization Report
Exhibit J-4	Final CBE Utilization Report
Exhibit K	Payment Forms
Exhibit L	Change Order Form
Exhibit M	Optional Services
Exhibit N	Form of Performance Bond and Payment Bond
Attachment I	Nondiscrimination Requirements
Attachment II	Provisions Pertaining to Airport Projects
Attachment III	Off Shore Statement

2.41 **Third Party Users:** means those individuals or entities authorized to use the System by County.

2.42 **Third Party Software:** means the Third Party Software described on **Exhibit C** (as it may be updated pursuant to the Agreement). Third Party Software is non-Contractor Software that is necessary for the System to perform its functions and is sublicensed to County under the License Agreement. Unless otherwise specified or otherwise clear from the context, the term "Third Party Software" also includes any utility, application and patch to the Third Party Software that is required to operate the System, and all released modifications, enhancements, Upgrades and Updates thereto provided by Contractor pursuant to the Agreement.

2.43 **Updates:** mean periodic Releases of Software that may contain fixes or incremental enhancements to the Software.

2.44 **Upgrades:** shall mean new versions of Software that add features, improve functionality, and/or increase capacity of the Software to process information.

2.45 **Work Authorization:** means a written authorization substantially in the appropriate form attached as **Exhibit I**, authorizing Optional Services identified in **Exhibit M,** and in accordance with Article 9, hereof.

ARTICLE 3
REQUEST FOR PROPOSAL

The parties understand that the System Agreement and the License Agreement are the result of County's procurement process. County published a Request for Proposal designated as Airport Information Management System, RFP No. 20070514-0-AV-01, which together with other subsequent documentation (all hereinafter "RFP") described and set forth the standards and requirements for the System and the contractual relationship to be entered into and to which the parties agree reference can be made as if the RFP and other documentation are set forth fully herein. After the review of the responses, County selected Contractor as the entity that best met its criteria for the above and with whom it would negotiate for the System Services and the Software License and Maintenance Services. The parties agree reference can be made to Contractor's responses to the RFP as if Contractor's responses to the RFP are set forth fully herein. Contractor understands that County, after entering into this System Agreement and the License Agreement, has no need for Contractor's products nor for the products of third parties, both Goods and intangible properties, unless the System performs as represented nor does it need the Services if it does not accept the System and unless the Acceptance Criteria described and set forth in the System Agreement are met. Contractor acknowledges that County's acquisitions made as a part of the Agreement are subject to the Acceptance Criteria described and set forth in the System Agreement being met and such is an essential element and condition of the System Agreement.

ARTICLE 4
RESOLUTION NO. 95-937

Resolution No. 95-937, of the Board of County Commissioners of Broward County, Florida, relating to County's Computer Software Policy, established a requirement for inspection of all computer application Software purchased or developed for County by third parties costing over Twenty Thousand Dollars ($20,000.00) prior to its acceptance by County. Contractor recognizes that all computer application Software purchased or licensed by County from Contractor, and without limiting the foregoing, in particular, the System, shall be inspected and tested by County's Office of Information Technology prior to acceptance of the System. Also, all contracts with third parties for the purchase of computer application Software costing more than Twenty Thousand Dollars ($20,000.00) shall include clauses providing (i) for inspection and testing by the Office of Information Technology of such computer application Software prior to formal acceptance of that Software by County, and (ii) that final payment shall not be made prior to formal acceptance of the System by County. The Office of Information Technology will utilize the standards for acceptance set forth and described in the

Agreement. In the event of non-acceptance of the System and only after full repayment by Contractor of any and all monies paid to it by County pursuant to the Agreement, subject to third party claims against Contractor, County shall return the Goods, Licensed Software, Documentation and other items and materials received from Contractor and remove the Licensed Software from any and all County Hardware upon which the Licensed Software may reside. The parties also recognize and agree that County's obligations under the System Agreement and the License Agreement are specifically conditioned upon its accepting the System as set forth and described in this System Agreement.

ARTICLE 5
STATEMENT OF WORK

5.1 Contractor shall perform all work identified in this System Agreement and **Exhibit A**, "Statement of Work," attached to and made a part of this System Agreement. The parties agree that the Statement of Work is a description of Contractor's obligations and is deemed to include preliminary consideration and prerequisites, labor, materials, equipment, and tasks which are such an inseparable part of the work described that exclusion would render performance by Contractor impractical, illogical, or unconscionable.

5.2 Contractor has executed the License Agreement concurrent with this System Agreement and shall execute the Master Preferred Escrow Agreement within thirty (30) calendar days following Final Acceptance and Contractor agrees that Contractor is bound by the terms and conditions contained therein upon the execution of the same by County. The Director of County's Purchasing Division is hereby authorized to execute the Master Preferred Escrow Agreement on behalf of County.

5.3 For a period of ten (10) years from the Final Acceptance of the System by County, Contractor agrees to provide consulting, programming, and support Services as requested by County for customization and/or enhancements to the System. County shall pay Contractor for the Services, object code related to any programming, and documentation related to the development work at the rate for the service categories as set forth and described in **Exhibit D**, "Rates and Fees to be Charged by Contractor/Subcontractor," attached to and made a part of this System Agreement. Where the programming to be provided by Contractor is for custom Software, Contractor will also provide the source code for such programming.

5.4 During performance of Services under this System Agreement (as it may be amended), Contractor shall communicate and coordinate with County staff and other County contractors, consultants and stakeholders and Contractor shall give due consideration to such input in Contractor's analysis.

ARTICLE 6
COMPENSATION AND METHOD OF PAYMENT

6.1 County agrees to pay Contractor, in the manner specified in Section 6.2, the total maximum not to exceed amount of Five Million Four Hundred Thirty-Eight Thousand Nine Hundred Twenty Dollars ($5,438,920.00) as follows:

6.1.1 Four Million Three Hundred Ninety-Nine Thousand Nine Hundred Twenty Dollars ($4,399,920.00) for the Deliverables, Goods and Services actually performed and completed pursuant to this System Agreement, which amount shall be accepted by Contractor as full compensation for all such items. It is acknowledged and agreed by Contractor that this amount is the maximum payable and constitutes a limitation upon County's obligation to compensate Contractor for such Deliverables, Goods and Services related to this System Agreement. This maximum amount, however, does not constitute a limitation, of any sort, upon Contractor's obligation to perform all items of work required by, or which can be reasonably inferred from, the Statement of Work.

6.1.2 A Maximum Not-To-Exceed Amount of Five Hundred Eighty Thousand Dollars ($580,000.00) for Optional Services described in **Exhibit M**, attached hereto, as may be authorized pursuant to Article 9 hereof. Contractor shall have no right to compensation for any Optional Services, unless and until any such Optional Services are authorized by a Work Authorization issued pursuant to Article 9.

6.1.3 The sum of Four Hundred Fifty-Nine Thousand Dollars ($459,000.00) for the license to the Licensed Software.

6.1.4 The amounts set forth above includes any and all of Contractor's overhead, operating costs, outlays, profit, and other out-of-pocket costs and associated out-of-pocket costs, including, but not limited to, travel (air & cab fare, lodging, auto rental, per diem, etc.), photocopying, long distance telephone, special mailings and the like. Contractor shall also bear all of its own expenses arising from its performance of the obligations under this System Agreement and the Statement of Work including (without limitation) expenses for facilities, work spaces, utilities, management, clerical and reproduction services, supplies, and the like. The prices and costs stated above include all taxes. It is understood that County is a tax exempt entity and shall only be responsible for the payment of applicable taxes, if any, if and when it loses tax exempt status.

6.2 **Method Of Billing And Payment**

6.2.1 **Software.** County shall pay Contractor for the Licensed Software, if accepted by County, a total one time License Fee of Four Hundred Fifty-

Nine Thousand Dollars ($459,000.00) for the license to the Licensed Software. Payment for such Software shall be made in the following manner:

(a) Fifty percent (50%) of the License Fee for the Licensed Software shall be due Contractor upon County's Preliminary Acceptance of the completion of Phase One (FAT) (**Exhibit F)**. This payment shall be made by County following Preliminary Acceptance of Phase One and receipt of a proper invoice from Contractor.

(b) Fifty percent (50%) of the License Fee for the Licensed Software shall be due Contractor upon County's Final Acceptance of the System. This payment shall be made by County following Final Acceptance of the System and receipt of a proper invoice from Contractor.

(c) Contractor will provide and install the Licensed Software and Third Party Software on the Hardware identified in **Exhibit B,** attached hereto and made a part hereof, as it may be updated pursuant to the Agreement. Installation Services shall include the initial installation of the Licensed Software and Third Party Software configured for County by Contractor. Although Contractor will perform the configuration and installation of the such Software, Contractor will also furnish County with sufficient instructions, Documentation or other written materials as may be necessary to install the configured Software in an efficient and expeditious manner.

6.2.2 **Invoices - Statement of Work and Work Authorizations.** The Contractor shall submit invoices for all subphases identified in **Exhibit F** and for all phases or subphases of all Work Authorizations that have received Preliminary Acceptance during the preceding monthly period. The invoices shall be in a format designated by Contract Administrator and approved by the appropriate County offices. Contractor may be required to include a submittal of an electronic copy using Software specified by the Contract Administrator and as approved by the appropriate County offices, as well as the number of hard copies required by the Contract Administrator. In addition, all costs must be classified and sorted based on the work breakdown structure (WBS) provided by the Contract Administrator. Contractor may submit invoices only after the Services/Deliverables/Goods for which the invoices are submitted have been completed and achieved Preliminary Acceptance. An original invoice is due in the month following Preliminary Acceptance of each phase or subphase as identified in the Payment Schedule (**Exhibit F)** or as detailed in the payment schedule in a Work Authorization, as applicable**,** except the final invoice which must be received no later than sixty (60) calendar

days after Final Acceptance. Invoices shall comply with the requirements of County's Prompt Payment Ordinance (Section 1-51.6, Broward County Code of Ordinances, as it may be amended).

(a) When requested, Contractor shall provide detailed backup for past and current invoices that record actual hours, unit prices, rates and fees on an item basis, and by employee category so that total hours and costs by item may be determined. These records must be made available to the Contract Administrator upon request. For each invoice, the Contractor shall submit an original invoice and at least two copies (with all back-up) to the Contract Administrator.

(b) Billings shall also indicate the cumulative amount of CBE participation for the period covered by the billing as well as the cumulative amount to date. Contractor shall also submit with each invoice a Certification of Payments to Subcontractors and Suppliers, using the form attached as **Exhibit J-2**. The certification shall be accompanied by a copy of the notification sent to each subcontractor and supplier listed in item 2 of the form, explaining the good cause why payment has not been made. In addition, the Contractor shall submit with each invoice **Exhibit J-3,** "CBE Utilization Report," and shall submit with the final invoice, **Exhibit J-4,** "Final CBE Utilization Report," listing only those subcontractors certified as CBE's to show expenditures made to date to achieve compliance with the assigned goals.

(c) Contractor shall submit billings which are identified by the specific project number on a not more than monthly basis, following Preliminary Acceptance for a phase or subphase. Billings shall not exceed the amount allocated to the respective phase or subphase. These billings shall identify the phase or subphase performed. The statement shall show a summary of costs with accrual of the total and credits for portions paid previously. Invoices must contain a project number and project title and must clearly indicate the phase or subphase completed. County shall not pay Contractor any additional sum for additional services, over and about the amount allocated for the phase, subphase or Work Authorization, except as may be provided for in this Agreement.

6.2.3 **Payments - Statement of Work and Work Authorizations.** Payments shall be made for the Services set forth in the Statement of Work (**Exhibit A)**, based on the "Payment Schedule," attached to the System Agreement as **Exhibit F**. Payments shall be made for Services as set forth in a Work Authorization, based on the payment schedule contained therein.

(a) Contractor shall notify County in writing when Contractor is satisfied that a phase or subphase is completed and ready for Preliminary Review by County. Within fifteen (15) County Work Days following receipt of Contractor's written notice, County shall issue its written statement of Preliminary Acceptance or its written notice that the work comprising the phase or subphase has not achieved Preliminary Acceptance. Preliminary Review shall include, at a minimum, a scheduled meeting between County and Contractor to review all Deliverables to this point, discuss outstanding or known issues, and determine whether to proceed with the next phase or subphase. County will not unreasonably withhold Preliminary Acceptance if Contractor has provided the required Deliverables to County in a timely manner and each Deliverable satisfies its associated Acceptance Criteria. Contractor shall not submit any invoice for payment until County has agreed to Preliminary Acceptance of the particular phase or subphase. Preliminary Review and/or Preliminary Acceptance shall have no bearing on County's Final Acceptance determination as set out in Article 12.

(b) Following Preliminary Acceptance of any subphase(s) within Phase Zero or Phase One (**Exhibit F)**, County shall pay Contractor ninety percent (90%) of the total shown to be due on the invoice as detailed in the Payment Schedule **(Exhibit F**). The remaining ten percent (10%) retainage shall be remitted as provided for in Section 6.2.5 and Article 12 below.

(c) Following Preliminary Acceptance of any subphase(s) within Phase Two (**Exhibit F)**, County shall pay Contractor ninety-two and one half percent (92.5%) of the total shown to be due on the invoice as detailed in the Payment Schedule **(Exhibit F).** The remaining seven and one half percent (7.5%) retainage shall be remitted as provided for in Section 6.2.5 and Article 12 below.

(d) Following Preliminary Acceptance of any subphase(s) within Phase Three (**Exhibit F)**, County shall pay Contractor ninety-five percent (95%) of the total shown to be due on the invoice as detailed in the Payment Schedule **(Exhibit F).** The remaining five percent (5%) retainage shall be remitted as provided for in Section 6.2.5 and Article 12 below.

(e) Following Preliminary Acceptance of any phase(s) or subphase(s) within any Work Authorization, County shall pay Contractor ninety-two and one half percent (92.5%) of the total shown to be due on the invoice as detailed in the Work Authorization. The remaining seven and one half percent (7.5%) retainage shall be remitted as provided for in Section 6.2.5 and Article 12 below.

6.2.4 County shall pay Contractor within twenty-five (25) County Work Days of receipt of Contractor's proper statement, as required by the Broward County Prompt Payment Ordinance. To be deemed proper, all invoices must comply with the requirements set forth in this System Agreement and must be submitted on the form and pursuant to instructions prescribed by Contract Administrator. Payment may be withheld for failure of Contractor to comply with a term, condition, or requirement of the Agreement.

6.2.5 Contractor agrees that all Software that is part of the System shall be inspected and tested by County together with the Licensed Software and the System as a whole as set forth herein and final payment shall not be made until County has completed the Final Acceptance of the System (including all Services under Work Authorizations that have been issued by the County pursuant to Article 9), as set forth in **Exhibit A**, "Statement of Work," and Article 12 below.

6.2.6 The parties acknowledge that **Exhibit A**, "Statement of Work," may not delineate every detail and minor work task required to be performed by Contractor to complete its Services and provide the Deliverables and the System. If, during the course of the performance of the Services, Contractor determines that work should be performed to complete the System which, in Contractor's opinion, is outside the level of effort originally anticipated in **Exhibit A**, "Statement of Work," whether or not **Exhibit A**, "Statement of Work," identifies the work items, Contractor shall notify the Contract Administrator in writing in a timely manner. If Contractor proceeds with said work without notifying the Contract Administrator, said work shall be deemed to be within the original level of effort, whether or not specifically addressed in **Exhibit A**, "Statement of Work." Notice to the Contract Administrator by Contractor does not constitute authorization or approval by County to perform the work. Performance of work by Contractor outside the originally anticipated level of effort without prior written County approval is at Contractor's sole risk.

6.2.7 **Change Orders.** Change orders shall be in accordance with Article 16.

6.2.8 The provisions of Article 12 are also applicable to Contractor's invoicing and payment obligations.

6.2.9 Payment will be made to Contractor at:

Chris Keller
Air-Transport IT Services, Inc.
5950 Hazeltine National Drive
Orlando, FL 32822
Facsimile: 407-370-4657

ARTICLE 7
NOTICE TO PROCEED; LIQUIDATED DAMAGES

7.1 **Notice to Proceed.** Prior to beginning the performance of this System Agreement, Contractor must receive an Initial NTP from the Contract Administrator. Prior to beginning each phase of Services in the Statement of Work, and prior to beginning any phase or task in a Work Authorization, Contractor must also receive a Notice to Proceed from the Contract Administrator.

7.2 **Initial Notice to Proceed ("Initial NTP").** Prior to the execution of this System Agreement, Contractor shall provide County with a properly completed Insurance Certificate, the completion of, and submittal of, which is considered a condition precedent to the execution of this System Agreement. County shall not issue the Initial NTP until Contractor has complied with the requirements of this Section 7.2.

7.3 **Completion of System Timetable/Liquidated Damages**. Contractor shall complete the System (including Services under such Work Authorizations as may be issued pursuant to Article 9 hereof), through Final Acceptance, within twenty-four (24) months from the date of the issuance of the Initial NTP ("Completion Date"). If Contractor is unable to complete the System (including Services under such Work Authorizations as may be issued hereunder), including Final Acceptance, County shall have the option to terminate the Agreement and Contractor shall then refund all monies received from County. Alternatively, County is entitled to liquidated damages of Five Hundred Dollars ($500.00) per day for each calendar day following the Completion Date, up to the date of Final Acceptance. The Contract Administrator shall have the option to extend the completion time period prior to the commencement of liquidated damages for good cause shown, including without limitation a Force Majeure Event as described in Section 20.21 or delay caused by the County. In the event of any termination hereunder the Contractor shall not be required to a refund any monies for or Goods, Hardware, or Software subsystems that were purchased by the County from Contractor and retained by County after the termination of the Agreement.

7.4 Contractor acknowledges that County retains the sole discretion of whether to exercise the remedy of liquidated damages, in addition to other remedies available pursuant to the Agreement, at law and in equity. The parties further stipulate that the amount of liquidated damages provided for in Section 7.3 is not intended to be a penalty and is purely intended to reasonably compensate County for unknown and unascertainable damages. The parties agree that if County allows Contractor to continue completion of the work to be provided pursuant to the System Agreement, or any part of it, after the expiration of the time allowed above, including extensions of time granted to Contractor by County, that County's action shall in no way act as a waiver on the part of County of the liquidated damages due under Section 7.3.

ARTICLE 8
INDEMNIFICATION OF COUNTY

8.1 Contractor shall, at all times hereafter, indemnify, hold harmless and, at the County Attorney's option, defend or pay for an attorney selected by the County Attorney to defend County, its officers, agents, servants and employees from and against any claims, demands, causes of action, losses, liabilities, and expenditures of any kind or nature, including all costs, expenses, and attorneys' fees, arising out of any negligent, reckless, or intentional act, error or omission of Contractor, its officers, agents, servants or employees in the performance of Services under this Agreement, or accruing, resulting from, or related to the subject matter of this Agreement including, without limitation, any and all claims, demands, or causes of action of any nature whatsoever resulting from injuries or damages sustained by any person or property.

8.2 Contractor further agrees, at all times hereafter, to indemnify, hold harmless and, at the County Attorney's option, defend or pay for an attorney selected by the County Attorney to defend County, its officers, agents, servants and employees from and against any claim, demand or cause of action of any kind or nature, including all costs, expenses, and attorneys fees, arising out of any misconduct of Contractor, its officers, agents, servants or employees during the performance of Services under this Agreement not included in 8.1 above.

8.3 The above indemnifications shall survive the expiration or termination of this Agreement.

8.4 To the extent considered necessary by Contract Administrator and County Attorney, any sums due Contractor under this Agreement may be retained by County until all of County's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved; and any amount withheld shall not be subject to payment of interest by County.

ARTICLE 9
WORK AUTHORIZATIONS

9.1 **Authorization of Work; Optional Services**: The Services contained within **Exhibit M** attached hereto represent Optional Services that may be requested by the County. In the event County desires that Contractor provide any of the Services listed in **Exhibit M**, such Services shall be performed and provided by Contractor following issuance of a written Work Authorization (in form similar to the samples attached as part of **Exhibit I**)("Work Authorization") for any of such items. Any or all of the Services set forth in **Exhibit M** shall be required at the sole and exclusive discretion of the County. Nothing set forth herein shall require County to provide a Work Authorization for any of the items listed in **Exhibit M**. County shall compensate Contractor for such Optional Services as provided in Article 6.

9.1.1 The Optional Services identified in **Exhibit M**, attached hereto and made a part hereof, as Items 1 through 4 are Maximum Not-To-Exceed amounts.

(a) Any Work Authorizations issued under Item 4 on **Exhibit M**, "General Services," shall be subject to the approval of the Board, Purchasing Director, or Contract Administrator, as appropriate, pursuant to Subsection 9.1.2, below.

(b) Items 1 through 3 have been authorized by the Board subject only to the maximum amount established for each item (as may be increased pursuant to Subsection 9.1.6, below). The completion dates for the listed Services shall be set forth in such Work Authorizations as may be issued by the Contract Administrator. Only the issuance of a Work Authorization by the Contract Administrator shall be required before any Services described in Items 1 through 3 may begin. Such Services may be authorized by the Contract Administrator, using the form Work Authorization attached as **Exhibit I-1**, in his or her sole discretion, subject to the maximum amounts established for each item (as may be increased pursuant to 9.1.6, below) and the maximum amount set forth in the Work Authorization. The Contractor's compensation under a Work Authorization for Services under Items 1 through 3 shall not exceed the amount approved in the Work Authorization. If additional Services are required over the amount set forth in the Work Authorization, any additional compensation must be reflected in an amendment to the Work Authorization, signed by the Contract Administrator and the Contractor, provided total compensation shall not exceed the amount identified in the applicable item listed in **Exhibit M** (as may be increased pursuant to 9.1.6, below).

9.1.2 With respect to any Services performed under Item 4, on **Exhibit M,** "General Services," Work Authorizations must be issued in accordance with the provisions of this subsection. Any such Services shall be subject to the approval of the Contract Administrator, Purchasing Director, or Board, as appropriate, pursuant to the terms of this subsection. Work Authorizations shall be in a format similar to the samples attached in **Exhibit I**, depending upon the award authority.

(a) Before any Services are performed pursuant to Item 4, "General Services," the Contractor shall supply the Contract Administrator with an estimate for all charges expected to be incurred for such Services, which estimate shall be reviewed by the Contract Administrator and the Contractor and a final amount for Contractor's compensation shall be approved in the manner set forth below.

(b) Work Authorizations that will cost County Thirty Thousand Dollars ($30,000.00) or less shall be signed by Contract Administrator and Contractor, using the applicable Work Authorization Form included in **Exhibit I**.

(c) Work Authorizations that will cost County more than Thirty Thousand Dollars ($30,000.00) and up to $100,000.00 shall be signed by County's Purchasing Director and Contractor. Work Authorizations that will cost County more than One Hundred Thousand Dollars ($100,000.00) shall be signed by the Board and Contractor. Work Authorizations within the Purchasing Director's delegated authority shall be prepared using the applicable Work Authorization form included in **Exhibit I**. Work Authorizations that require approval by the Board shall be prepared using the applicable Work Authorization form included in **Exhibit I**.

(d) Any charges in excess of the amount approved in a Work Authorization for General Services shall require a modification thereto approved by Contract Administrator, Purchasing Director, or Board as follows: Contract Administrator shall sign in instances where the cumulative total of the modifications (the amount approved in the original Work Authorization plus the modifications thereto) does not exceed Thirty Thousand Dollars ($30,000.00). County's Purchasing Director shall sign in instances where the cumulative total of the modifications exceeds Thirty Thousand Dollars ($30,000) but does not exceed One Hundred Thousand Dollars ($100,000.00). The Board shall sign in those instances where the cumulative total of the modifications exceeds One Hundred Thousand Dollars ($100,000.00). Notwithstanding anything contained in this subsection to the contrary, Contractor's

compensation shall not exceed the amount approved in a Work Authorization unless such additional amount has received written County approval as outlined above. In the event County does not approve an increase in the amount, and the need for such action is not the fault of Contractor, the authorization shall be terminated, and Contractor shall be paid in full for all Services completed to that point, but shall in no case exceed the maximum amount of the Work Authorization. The information contained in the budget shall be in sufficient detail so as to identify the various elements of costs.

9.1.3 All Work Authorizations shall contain, at a minimum, the following information and requirements:

(a) A description of the Services to be undertaken and the deliverables to be provided, a statement of the item on **Exhibit M** pursuant to which such Services are to be performed, a statement of the method of compensation (i.e., Lump Sum or Maximum Amount Not-To-Exceed), and, if payment is to be made upon completion of phases, identification of such stages of completion and the payment applicable to each stage of completion.

(b) A budget establishing the amount and method of compensation and fees to be paid, and the applicable method for calculating same. The amount shall be set forth as either a Lump Sum or a Maximum Amount Not-To-Exceed, and shall not be exceeded unless written approval of the Contract Administrator, Purchasing Director or Board (as applicable) is obtained. The information contained in the budget shall be in sufficient detail so as to identify the various elements of costs.

(c) A time established for completion of the Services undertaken by Contractor or for the submission to County of documents, reports, and other information.

(d) Any other additional instructions or provisions.

(e) Authorizations shall be dated, serially numbered, and signed by the Contract Administrator, the Purchasing Director, or the Board, as required by this Article 9.

9.1.4 Subsequent to County issuing a Work Authorization pursuant to this article, Contract Administrator will issue a Notice to Proceed for those authorized Optional Services under the Work Authorization. Contractor shall not commence such Services until after receipt of the Contract Administrator's Notice to Proceed.

9.1.5 If it appears during the progress of services under a Work Authorization (and in no event later than seventy-five percent (75%) of task completion) that the actual costs may exceed the amounts established by the Work Authorization, Contractor shall immediately submit to the Contract Administrator a written request for additional compensation accompanied by substantiation of costs. The Contract Administrator shall determine whether the request is reasonable under the circumstances. The amount set forth in any Work Authorization shall not be exceeded, except pursuant to a written amendment to the Work Authorization. When changes in the services to be provided under a Work Authorization are required by the Contract Administrator or requested by the Contractor, the Contractor shall promptly estimate their effect on the cost of the services and on the schedule for completion, and provide notice thereof in writing to the Contract Administrator.

9.1.6 For any of the items identified in **Exhibit M,** the Contract Administrator may transfer an annual aggregate maximum of thirty percent (30%) of the initial value of each category to any other category. Notwithstanding the foregoing, the receiving category may not be increased by the aggregate amount that is greater than the Director of Aviation's change order authority (as provided in Section 21.73(c) of the Procurement Code) unless Board approval is first obtained. Work Authorizations utilizing such transferred amounts shall be subject to the limitations and requirements set forth in this Agreement.

9.1.7 The parties acknowledge that Final Acceptance of the System shall not occur until all issued Work Authorizations have been completed. The deliverables under all issued Work Authorizations shall be included in the Preliminary Review(s) and shall be required to satisfy Final Acceptance criteria, as part of the System. Upon Final Acceptance of the System, no further Work Authorizations shall be issued.

ARTICLE 10
TERMINATION

10.1 Contractor may terminate the Agreement if County materially breaches any term of the Agreement and/or fails to pay Contractor any money that is due under the Agreement, and County fails to cure said breach within sixty (60) calendar days after Contractor provides County with written notice of said material breach.

10.2 County may terminate the Agreement if Contractor materially breaches any term of this Agreement, and Contractor fails to cure said breach within sixty (60) calendar days after County provides Contractor with written notice of said material breach. An erroneous termination for cause shall be considered a termination for convenience.

10.3 County reserves the right and option to terminate the Agreement for convenience by action of the Board upon not less than thirty (30) calendar day's written notice to the Contractor by the Contract Administrator. At the end of which time, this System Agreement and the License Agreement will automatically terminate without the necessity of any further action.

10.3.1 In the event the Agreement is terminated for convenience prior to Final Acceptance, Contractor will be paid for all Services, including labor and programming costs, incurred prior to the effective date of termination, and Contractor shall refund to County the full license fee paid by County for any Licensed Software and Third Party Software included in the System, any Maintenance Services Fee previously paid by the County under the License Agreement that would apply to any period after the date of termination, and all amounts paid by County to Contractor for any materials, Equipment, Goods, and Hardware returned to Contractor. After full repayment by Contractor of the license fee amounts received from County for the Licensed Software and Third Party Software, the applicable portion of the Maintenance Services Fee, and the amounts previously paid by County for materials, Equipment, Goods and Hardware that are returned to Contractor, County shall promptly remove any Licensed Software and Third Party Software from any County-owned Hardware upon which such may reside. Additionally, Contractor may, in the reasonable, professional discretion of the Contract Administrator, subject to Board approval, be allowed direct termination expenses and fixed settlement costs which become firm prior to the date of the notice of termination. No payment will be made for lost or future profits. Upon receipt of notice of termination, Contractor shall discontinue all work, cease any deliveries, shipment, or carriage of Goods, and make available to the Contract Administrator any and all reports, data, specifications, estimates, summaries, and information as are required by this System Agreement and the License Agreement as of the date of termination. Contractor acknowledges and agrees that ten dollars ($10.00) of the compensation to be paid by County, the adequacy of which is hereby acknowledged by Contractor, is given as specific consideration to Contractor for County's right to terminate for convenience under this Subsection 10.3.1.

10.3.2 In the event this System Agreement is terminated for convenience after Final Acceptance, then County shall keep all Goods, Equipment, Hardware and Software supplied by Contractor, provided County has paid in full the license fee and purchase price, as installed, for same, and if the License Agreement is also terminated for convenience, Contractor shall reimburse County for any Maintenance Services Fee previously paid by the County that would apply to any period after the termination of the License Agreement. Contractor acknowledges and agrees that ten dollars ($10.00) of the compensation to be paid by County, the adequacy of which

is hereby acknowledged by Contractor, is given as specific consideration to Contractor for County's right to terminate for convenience.

10.4 County may also terminate the Agreement pursuant to Section 12.4 hereof.

10.5 Any notice of termination of this System Agreement shall be provided in accordance with the "NOTICES" section of this System Agreement, except that notice of termination by County Administrator which County Administrator deems necessary to protect the public health, safety, or welfare may be verbal notice which shall be promptly confirmed in writing in accordance with the "NOTICES" section of this System Agreement. Upon any termination of this System Agreement by the County, whether for cause or convenience, the County at its option, may also terminate the License Agreement.

10.6 In addition, the County shall have the right, at its sole and exclusive discretion and upon seven (7) calendar days notice in writing, to terminate any one or more items identified on **Exhibit M**, or phases or tasks described in a Work Authorization, and to procure Services for such items, phases or tasks from another source. In such event: (i) Contractor shall be paid for Services performed through the date of termination then due or incurred to termination date); and (ii) any items, phases or tasks not terminated by such written notice shall continue to be covered by this System Agreement and the issued Work Authorization(s) and Contractor shall perform the Services required pursuant to the applicable terms and conditions. However, Contractor shall refrain from performing further Services or incurring under any terminated items, phases and tasks.

10.7 If the term of this System Agreement extends beyond a single fiscal year of County, the continuation of this System Agreement beyond the end of any fiscal year shall be subject to the availability of funds from County in accordance with Chapter 129, Florida Statutes, as it may be amended.

10.8 In the event of any termination of this System Agreement (whether a termination of the entire System Agreement or any item listed in **Exhibit M,** or any phase or task of a Work Authorization), Contractor shall deliver all documents and records, including without limitation, all data, studies, surveys, drawings, maps, models, photographs and reports prepared or provided by Contractor in connection with this System Agreement (in whatever state they may be in at the date of termination) to the County within seven (7) calendar days following receipt of the written notice of termination. Any compensation due Contractor shall be withheld until all documents and records are received by County as provided herein.

10.9 This System Agreement may also be terminated by the Board:

10.9.1 Upon the disqualification by County's Director of Small Business Development Division of Contractor as a CBE if Contractor's status as

CBE was a factor in the award of this System Agreement and such status was misrepresented by Contractor;

10.9.2 Upon the disqualification by County's Director of Small Business Development Division of Contractor if Contractor obtained this System Agreement or attempted to meet its CBE contractual obligations through fraud, misrepresentation, or material misstatement;

10.9.3 Upon the disqualification by County's Director of Small Business Development Division of one or more of Contractor's CBE participants if any such participant's status as a CBE was a factor in the award of this System Agreement and such status was misrepresented by Contractor or such participant;

10.9.4 Upon the disqualification by County's Director of Small Business Development Division of one or more of Contractor's CBE participants if such CBE participant attempted to meet its CBE contractual obligations through fraud, misrepresentation, or material misstatement; or

10.9.5 If Contractor is determined by County's Director of Small Business Development Division to have been knowingly involved in any fraud, misrepresentation, or material misstatement concerning the CBE status of its disqualified CBE participant. If so determined, Contractor shall not be awarded CBE participation credit.

ARTICLE 11
CONFIDENTIAL INFORMATION

11.1 **Restrictions upon Disclosure of Information.** Each party agrees:

(a) To treat the other's confidential information as proprietary to the other;

(b) To not knowingly disclose to any person, other than its employees or contractors, or entity not a party to this Agreement any confidential information belonging to the other party; and

(c) To inform its employees and contractors of the confidential nature of the other's information and of the requirement of nondisclosure.

11.2 In the event either party has actual knowledge of a breach of the nondisclosure requirements of this Article, the party acquiring such knowledge shall promptly inform the other party and assist that party in curing the disclosure, where possible, and preventing future disclosures. For the purposes of this provision, the term "confidential information" shall be that information specifically designated in writing as confidential by the claiming party. Nothing in this provision shall prevent a party from disclosing information of the other, whether confidential or not, where such disclosure is required by law.

11.3 Nondisclosure by County shall not apply to information that:

(a) Is or becomes known to the public without fault or breach on the part of County;

(b) Contractor regularly discloses to third parties without restriction on disclosure; or

(c) County receives from a party other than Contractor without restriction on disclosure.

11.4 Notwithstanding anything to the contrary contained above or elsewhere in this Agreement, County shall have the right to use the Licensed Software and Third Party Software to provide access to the public to the data base, files or information derived from the use of the Licensed Software and Third Party Software and/or to generate reports from such data, files or information or to provide such data, files or information on electronic media to the public where required or allowed by the laws of the State of Florida or other laws allowing disclosure by County. Contractor acknowledges and agrees that County is the owner and custodian of its information and data, whether or not such is electronically retained and regardless of the retention media and that the use of the Licensed Software and Third Party Software in relation to such information or data does not in any way restrict County in County's rights of disclosure of its data and information.

ARTICLE 12
TESTING, ACCEPTANCE OR REJECTION OF THE SYSTEM

12.1 There shall be testing periods during which the System can be tested/used by County. The purpose of the testing periods is to permit County to determine whether the System has been properly installed as defined at that point in time so that it:

12.1.1 Properly functions in accordance with the Agreement, Statement of Work and Acceptance Criteria and provides the capabilities described therein;

12.1.2 Properly functions together with the operating Software, if any, and other items as described in the Documentation so as to provide the functions described in the Documentation;

12.1.3 Properly functions in accordance with the Documentation and provides the capabilities described therein; and

12.1.4 Properly functions as a part of the Hardware configurations as agreed upon, by and between Contractor and County.

12.2 There are three testing periods: Factory Acceptance Testing, Performance Verification Testing, and Endurance Testing. Each of these tests is further defined in **Exhibit A.**

12.3 During any testing period, County may, at its option, notify Contractor in writing of any defect or malfunction within a reasonable time after it is determined such exists so that Contractor, at its option, can commence making any needed changes, modifications, adjustments or repairs to the System or parts thereof. County shall notify Contractor of its Preliminary Acceptance or rejection of the System, or any part thereof, within fifteen (15) County Work Days after the end of any testing period. If County rejects the System, or any part thereof, it shall specify the reasons therefore which reasons shall specify the Acceptance Criteria that the System failed to meet. Upon receiving the notice of rejection, Contractor shall have fifteen (15) County Work Days (or such length of time as mutually agreed by the parties) after receipt of notice within which to either (a) modify, repair, adjust or replace the System or any portion thereof, or (b) set forth the reasons the System or portion thereof meet the Acceptance Criteria specified in County's notice. Any dispute as to whether the System or portion thereof complies shall be determined pursuant to Article 13 of this System Agreement. If Contractor modifies, repairs, adjusts or replaces the System or portion thereof, then County shall have fifteen (15) additional County Work Days to retest the System, or portion thereof, to confirm its proper operation and shall notify Contractor of any rejection or Preliminary Acceptance in the same manner as specified above.

12.4 In the event that for any testing period, Contractor is unable to remedy the reason or reason(s) for rejection, or any part thereof, within fifteen (15) County Work Days (or such length of time as mutually agreed by the parties pursuant to 12.3, above) after receipt of County's initial notification, County shall elect either to accept the System as it then exists or reject the System and terminate the System Agreement and the License Agreement. If County elects to accept the System as it then exists (partial acceptance), Contractor shall continue to remedy the reason(s) for County's partial acceptance and shall provide County with the complete System meeting the Acceptance Criteria set out in the System Agreement, prior to any final payment being made by County. If Contractor fails to remedy the reason(s) for County's partial acceptance within thirty (30) County Work Days (or such length of time as mutually agreed by the parties after Contractor's receipt of County's partial acceptance notification, including testing by County, then County shall be entitled to deduct from any final payment, or be paid by Contractor, the value of the rejected portion of the System as mutually determined by the Contract Administrator and Contractor. In the event the parties cannot mutually agree to such a value within thirty (30) County Work Days after Contractor's receipt of County's partial acceptance notification, then all retainage held by County as set forth in Article 6 shall be retained or paid to County as reimbursement for accepting a System that has failed to meet the Acceptance Criteria. If County elects to reject the System as a whole and terminate this System Agreement and the License Agreement, Contractor shall

refund to County any and all monies paid by County to Contractor under the System Agreement and the License Agreement within fifteen (15) County Work Days after the notice of termination. In the event of termination by County pursuant to this Section 12.4, and after full repayment by Contractor, County shall return the items, their Documentation, if any, and any other tangible materials received from Contractor and promptly remove any Software provided by Contractor from any and all Hardware upon which such may reside and the System Agreement and the License Agreement, including any license granted by Contractor, shall automatically terminate.

ARTICLE 13
RESOLUTION OF DISPUTES

13.1 To provide a means of resolving disputes, reducing delays in performance and lessening the likelihood of litigation, it is agreed by the parties hereto that all questions, claims, difficulties and disputes of whatever nature which may arise relative to the provisions of this System Agreement will first be submitted in writing to the Contract Administrator, the Consultant and the designated representative of Contractor who will meet and confer in good faith in an effort to resolve the matter. Such claims, questions, difficulties and disputes shall be submitted to the referenced individuals in writing as soon as practicable after the issue arises.

13.2 In the event a dispute between the Contract Administrator and Contractor arises over whether requested Services constitute additional work or Services or is outside the level of effort originally anticipated in **Exhibit A** and such dispute cannot be resolved by the Contract Administrator, the Consultant and Contractor, such dispute shall be promptly presented for resolution pursuant to the procedures set forth in this Article 13. During the pendency of any dispute, if requested in writing by the Contract Administrator, Contractor shall promptly perform the disputed Services.

13.3 In the event a dispute between the Contract Administrator and Contractor cannot be resolved by the Contract Administrator and Contractor, such dispute shall be presented to the Aviation Director for resolution. In the event the Contractor does not agree with the Aviation Director's decision, the Contractor shall file a written notice of dispute with the Director of Purchasing, in writing, within seven (7) calendar days from the date of the Aviation Director's decision, which notice of dispute shall be filed in accordance with Subsection 21.22.d of the Broward County Administrative Code. Proceedings regarding such dispute shall be conducted pursuant to Subsection 21.22.d of the Broward County Administrative Code. During the pendency of any dispute, Contractor shall promptly perform the disputed Services and Contractor and County shall act in good faith to mitigate any potential damages or delays in the project referenced in this System Agreement.

13.4 In the event a determination of a dispute pursuant to Section 13.3 is unacceptable to any of the parties hereto, the party objecting to the determination must notify the other party and the Director of Purchasing in writing within ten (10) calendar days of receipt of the written determination. The notice must state the basis of the objection and must be accompanied by a statement that any Contract price adjustment claimed is the entire adjustment to which the objecting party has reason to believe it is entitled to as a result of the determination. Within sixty (60) calendar days after such notice, the parties may participate in mediation to address all objections to any mediator mutually agreed upon by the parties. Should any objection not be resolved in mediation, the parties retain all their legal rights and remedies provided under state law. If the parties agree to mediation, the prevailing party shall be entitled to reimbursement of any costs of mediation incurred by such prevailing party.

ARTICLE 14
DATE STANDARDS

Contractor warrants that each item of Software that it delivers, develops, modifies, or recommends to County for use under the Agreement shall be able to accurately store and process date/time data in four (4) digit year fields (including, but not limited to, calculating, comparing, interfacing and sequencing) from, into, and between the fourteenth through the twenty-second centuries, and leap year calculations. The duration of this warranty and the remedies available to County for breach of this warranty shall be as defined in, and subject to, the terms and limitations of Contractor's warranties contained in the Agreement; provided that notwithstanding any provision to the contrary in any such warranty provision(s), or in the absence of any such warranty provision(s), the remedies available to County under this warranty shall include repair or replacement, at no cost to County of any of the products whose noncompliance is discovered and made known to Contractor in writing, within three (3) years after Final Acceptance of the System by County. Nothing in this warranty shall be construed to limit any rights or remedies County may otherwise have under the Agreement with respect to defects.

ARTICLE 15
WORK MADE FOR HIRE

"Custom Work Products" means all finished or unfinished documents, data, studies, maps, models, photographs, reports, etc., or any portions thereof, (including all information, ideas, results, data, improvements, developments, functional and technical designs, routines, subroutines, data diagrams and the like) created by Contractor after the Effective Date which are the result of or derived from any of the Services provided by Contractor in furtherance of the work performed under **Exhibit A**, "Statement of Work," or other Services rendered to County under this System Agreement. "Custom Work Products" also means application Software or computer programs, documentation and technical information or any portions thereof, finished or unfinished, (including any project specific information, ideas, results, data, improvements, developments,

functional and technical designs, routines, subroutines, modules, flowcharts, data diagrams, and documentation), created by Contractor after the Effective Date which are the result of the Services provided by Contractor under this System Agreement. For the purposes of this System Agreement, County shall own all right, title and interest to all Custom Work Products which are clearly identified as Deliverables in **Exhibit A,** "Statement of Work," to this System Agreement. Contractor expressly acknowledges and agrees that the Custom Work Products shall be deemed to constitute "work made for hire" under the Federal copyright laws (17 USC Sec. 101) and, alternatively, Contractor hereby exclusively and irrevocably assigns all ownership or other rights Contractor might have in Custom Work Products to County. Without limiting the foregoing, Contractor shall: (a) assign and transmit all Custom Works Products only to County; (b) regard the Custom Work Products as County's exclusive property; and (c) maintain the Custom Work Products as confidential and shall not disclose the same to any other person or entity without County's written consent. Without limiting the foregoing, it is understood and agreed that County may assign, transfer or otherwise convey the Custom Work Products to others without restriction. Except for Custom Work Products specifically identified as such in **Exhibit A,** "Statement of Work," to this System Agreement, the term "Custom Work Products" shall not include the Licensed Agreement, or any released modifications, enhancements, Upgrades, or Updates to such Software that are created by Contractor generally for Contractor's customers, or any copyrighted Software of Contractor or a third party, or any previously developed trade secret, previously developed copyrighted material, or other previously developed proprietary material of Contractor, or any modifications or changes to Contractor's Licensed Software. Where applicable, Contractor will provide County with the source code and object code for Custom Work Products upon Final Acceptance of the System or within thirty (30) calendar days after receipt of a written request by the Contract Administrator.

ARTICLE 16
ADDITIONAL SERVICES, CHANGES IN STATEMENT OF WORK, CHANGE ORDERS

16.1 County or Contractor may request changes that would increase, decrease, or otherwise modify the Statement of Work. Such changes must be made in accordance with the provisions of the Broward County Procurement Code and must be contained in a written document executed by the parties hereto prior to any deviation from the terms of this System Agreement.

16.2 The budget for this Contract includes a budgeted change order allowance amount. Changes in the quantity or character of the work within the scope of this Agreement which are not properly the subject of field orders or supplemental instructions, including all changes resulting in changes in the compensation, or the Contract time, shall be authorized only by written change orders approved and issued in accordance with the provisions of this Article 16 and the County Procurement Code, as amended from time to time. Pursuant to the County Procurement Code, all changes must be approved in advance in accordance with

the value of the change order or the calculated value of the time extension. All change orders with a value of Two Hundred Fifty Thousand Dollars ($250,000.00) or more shall be approved in advance by the Board of County Commissioners. All change orders with a value of less than Two Hundred Fifty Thousand Dollars ($250,000.00) must be approved in advance by the Director of Aviation.

16.3 Change orders and additional Services shall be at the rates and costs set forth on **Exhibits D** and **E.** When both additions and decreases are involved in any one change order, the combined effect shall be figured on the basis of the net change in the compensation, if any.

16.4 Contractor shall not start work on any changes requiring an increase in the compensation or the Contract time until a change order setting forth the adjustments is approved and issued by the County. Upon receipt of a change order, Contractor shall promptly proceed with the work set forth within the document.

16.5 In the event satisfactory adjustment cannot be reached for any item requiring a change in the compensation or Contract time, and a change order has not been issued, County reserves the right at its sole option to either terminate the Agreement as it applies to the items in question and make such arrangements as may be deemed necessary to complete the disputed work, or submit the matter in dispute to Consultant as set forth in Article 13 of this Agreement. During the pendency of the dispute, and upon receipt of a change order, Contractor shall promptly proceed with the change in the work involved and advise the Consultant and Contract Administrator in writing within five (5) calendar days of Contractor's agreement or disagreement with the method, if any, provided in the change order for determining the proposed adjustment in the compensation or Contract time.

16.6 To avoid delays to completion of the Statement of Work and to mitigate damages to the parties, change orders may be issued unilaterally by County, under circumstances determined necessary by the Contract Administrator.

16.7 **Value of Change Order Work.** The value of any work covered by a change order or of any claim for an increase or decrease in the Contract price shall be determined in one of the following ways:

16.7.1 **Unit Price.** Where the work involved is covered by rates and costs in **Exhibits D** and **E**, by application of such rates and costs.

16.7.2 **Lump Sum.** By mutual acceptance of a lump sum which Contractor and County acknowledge contains a component for overhead and profit. Whenever a change in the work is to be based on mutual acceptance of a lump sum, whether the amount is an addition, credit or no change-in-

cost, Contractor shall submit an initial cost estimate acceptable to Contract Administrator or designee.

(a) The breakdown shall list the quantities and unit costs for materials, labor, equipment and other items of cost.

(b) Whenever a change involves Contractor and one or more subcontractors and the change is an increase in the Contract price, overhead and profit percentage for Contractor and each subcontractor shall be itemized separately.

16.7.3 Each change order must state within the body of the change order whether it is based upon unit price or lump sum.

16.8 **Notification and Claim for Change of Contract Time or Contract Price.**

16.8.1 Any claim for a change in the Contract time or Contract price shall be made by written notice by Contractor to the Contract Administrator within five (5) calendar days of the commencement of the event giving rise to the claim and stating the general nature and cause of the claim. Thereafter, within twenty (20) calendar days of the termination of the event giving rise to the claim, written notice of the extent of the claim with supporting information and documentation shall be provided unless Contract Administrator or designee allows an additional period of time to ascertain more accurate data in support of the claim and such notice shall be accompanied by Contractor's written notarized statement that the adjustment claimed is the entire adjustment to which the Contractor has reason to believe it is entitled as a result of the occurrence of said event. All claims for changes in the Contract time or Contract price shall be determined by Contract Administrator in accordance with this Article 16, if County and Contractor cannot otherwise agree and any dispute shall be resolved in accordance with Articles 13 and 16. **IT IS EXPRESSLY AND SPECIFICALLY AGREED THAT ANY AND ALL CLAIMS FOR CHANGES TO THE CONTRACT TIME OR CONTRACT PRICE SHALL BE WAIVED IF NOT SUBMITTED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION.**

16.8.2 The Contract time will be extended in an amount equal to time lost on critical work items due to delays beyond the control of and through no fault or negligence of Contractor or any of its subcontractors if a claim is made therefor as provided in this Article 16. Such delays shall include, but not be limited to, acts or neglect by any separate contractor employed by County, fires, floods, labor disputes, epidemics, abnormal weather conditions or acts of God.

16.9 **No Damages for Delay.**

No claim for damages or any claim, other than for an extension of time, shall be made or asserted against County by reason of any delays except as provided herein. Contractor shall not be entitled to an increase in the Contract price or payment or compensation of any kind from County for direct, indirect, consequential impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference or hindrance from any cause whatsoever, whether such delay, disruption, interference or hindrance be reasonable or unreasonable, foreseeable or unforeseeable, or avoidable or unavoidable; provided, however, that this provision shall not preclude recovery of damages by Contractor for actual delays due solely to fraud, bad faith or active interference on the part of County or the Consultant or its Contractor Administrator or designee. Otherwise, Contractor shall be entitled only to extensions of the Contract time as the sole and exclusive remedy for such resulting delay, in accordance with and to the extent specifically provided above.

16.10 **Excusable Delay; Compensable; Non-Compensable.**

16.10.1 **Excusable Delay**. Delay which extends the completion of the work and which is caused by circumstances beyond the control of Contractor or its subcontractors, suppliers or vendors are Excusable Delay. Contractor is entitled to a time extension of the Contract time for each day the work is delayed due to Excusable Delay. Contractor shall document its claim for any time extension as provided in this Article 16. Failure of Contractor to comply with this Article 16 as to any particular event of delay shall be deemed conclusively to constitute a waiver, abandonment or relinquishment of any and all claims resulting from that particular event of delay. Excusable Delay may be compensable or non-compensable:

16.10.2 **Compensable Excusable Delay**. Excusable Delay is compensable when (i) the delay extends the Contract time, (ii) is caused by circumstances beyond the control of the Contractor or its subcontractors, suppliers or vendors, and (iii) is caused solely by fraud, bad faith or active interference on the part of County or its agents. In no event shall Contractor be compensated for interim delays which do not extend the Contract time. Contractor shall be entitled to its direct costs for Compensable Excusable Delay. Direct costs recoverable by Contractor shall be limited to its actual additional costs.

16.10.3 **Non-Compensable Excusable Delay** When Excusable Delay is (i) caused by circumstances beyond the control of Contractor, its subcontractors, suppliers and vendors, and is also caused by circumstances beyond the control of the County or its Consultant, or Contract Administrator or designee or (ii) is caused jointly or concurrently

by Contractor or its subcontractors, suppliers or vendors and by the County or Consultant, or Contract Administrator or designee, then Contractor shall be entitled only to a time extension and no further compensation for the delay.

16.11 Each proposed modification request that, by itself or aggregated with previous modification requests, increases the Contract value by ten percent (10%) or more of the initial Contract value, or Fifty Thousand Dollars ($50,000.00), whichever is less, shall be reviewed by County for opportunities to include or increase CBE participation. Contractor shall demonstrate good faith efforts to include CBE participation in change order work and shall report such efforts to the Small Business Development Division.

ARTICLE 17
EEO AND CBE COMPLIANCE

17.1 NONDISCRIMINATION, EQUAL EMPLOYMENT OPPORTUNITY, AND AMERICANS WITH DISABILITIES ACT.

17.1.1 Contractor shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, age, color, sex or national origin, sexual orientation (including but not limited to Broward County Code, Chapter 16½), marital status, political affiliation, or physical or mental disability if qualified. Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during their employment without regard to their race, religion, color, sex or national origin, sexual orientation, marital status, political affiliation, or physical or mental disability. Such actions shall include, but not be limited to the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation; and selection of training, including apprenticeship. Contractor agrees to post in conspicuous places available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.

17.1.2 The Contractor shall also require that any subcontractor selected to perform Services on a County project include the foregoing or similar language in its contracts with any subcontractors, except that any project funded from sources as defined in 49 CFR Section 26.3 shall comply with the requirements of 49 CFR Parts 23 and 26, as amended and as applicable. The subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause. Failure to comply with above requirements is a material breach of the Contract, and may result in the termination of this Contract or such other remedy as the County deems appropriate.

17.1.3 Contractor shall comply with Title I of the Americans with Disabilities Act regarding nondiscrimination on the basis of disability in employment and further shall not discriminate against any employee or applicant for employment because of race, age, religion, color, gender, sexual orientation, national origin, marital status, political affiliation, or physical or mental disability. In addition, Contractor shall take affirmative steps to ensure nondiscrimination in employment against disabled persons. Such actions shall include, but not be limited to, the following: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff, termination, rates of pay, other forms of compensation, terms and conditions of employment, training (including apprenticeship) and accessibility.

17.1.4 Contractor shall take affirmative action to ensure that applicants are employed and employees are treated without regard to race, age, religion, color, gender, sexual orientation (Broward County Code, Chapter 16½), national origin, marital status, political affiliation, or physical or mental disability during employment. Such actions shall include, but not be limited to, the following: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff, termination, rates of pay, other forms of compensation, terms and conditions of employment, training (including apprenticeship), and accessibility.

17.1.5 Contractor shall not engage in or commit any discriminatory practice in violation of the Broward County Human Rights Act (Broward County Code, Chapter 16½) in performing the Statement of Work or Services under this Agreement.

17.1.6 By execution of this Agreement, Contractor represents that it has not been placed on the discriminatory vendor list (as provided in Section 287.134, Florida Statutes). County hereby materially relies on such representation in entering into this Agreement. An untrue representation of the foregoing shall entitle County to terminate this Agreement and recover from Contractor all monies paid by County pursuant to this Agreement, and may result in debarment from County's competitive procurement activities.

17.1.7 Contractor agrees to abide by the nondiscrimination requirements set forth on **Attachment I**, attached hereto and made a part hereof.

17.2 **COUNTY BUSINESS ENTERPRISE PROGRAM ("CBE") COMPLIANCE.**

17.2.1 The County Business Enterprise Act of 2009 (Broward County Ordinance No. 2009-40) ("Business Enterprise Act") establishes the County's policy for participation by small Broward-based firms in County

contracting opportunities. Contractor agrees to and shall comply with the Business Enterprise Act. The County shall review each proposed modification to this System Agreement that, by itself or aggregated with previous modifications, increase the Contract value of this System Agreement by ten percent (10%) of the initial Contract value, or Fifty Thousand Dollars ($50,000) whichever is less, for opportunities to include or increase the participation of CBE's.

17.2.2 The Participation goals for this System Agreement is sixteen percent (16%).

17.2.3 Contractor has committed to the CBE performance delineated on the attached **Exhibit J-1,** "Schedule of CBE Participation" which indicates the names, addresses, scope of services and dollar value or percentage of participation. Contractor understands that each CBE firm utilized on the project to meet County's participation goal must be certified by County.

17.2.4 County and Contractor agree that prime and subcontract awards to CBE's are crucial to the achievement of County's participation goals. In an effort to assist County in achieving its established goal for this project, Contractor agrees to take affirmative actions to meet the current CBE participation goal established by County.

17.2.5 Unless the time for submission of same is extended in writing by the Broward County Small Business Development Division, a Letter of Intent to perform as a subcontractor executed by each CBE subcontractor listed on the Schedule of CBE Participation must be submitted to the Broward County Small Business Development Division prior to execution of this System Agreement. A Letter of Intent form may be obtained at the Broward County Small Business Development Division office. The information contained within the Letter of Intent and the information contained within the Schedule of CBE Participation should be the same as to content.

17.2.6 Contractor understands that it is the responsibility of the Contract Administrator and the Broward County Small Business Development Division to monitor compliance with the CBE requirements.

(a) Contractor shall submit with each invoice a Certification of Payments to Subcontractors and Suppliers, using the form attached as **Exhibit J-2** for all subcontractors, including CBE and non-CBE subcontractors. The certification shall be accompanied by a copy of the notification sent to each subcontractor and supplier listed in paragraph 2 of the form, explaining the good cause why payment has not been made. In that regard,

Contractor agrees to furnish an updated CBE Utilization Report **(Exhibit J-3)** to the Contract Administrator with each invoice for payment or upon request of the Contract Administrator or the Broward County Small Business Development Division, showing all expenditures made to achieve compliance with its assigned goals or other contractual conditions agreed to by Contractor pursuant to the County Business Enterprise Act of 2009. All reports shall include the name, business address, description of the Services performed, or product supplied by each CBE; the date and amount of each expenditure; verification of the CBE status of any contractor performing any portion of this System Agreement; and any other information requested by County which may assist County in determining the Contractor's compliance with its contractual obligations, or may assist in the implementation and enforcement of the County Business Enterprise Act of 2009.

(b) The Final CBE Utilization Report (**Exhibit J-4**) must be submitted with the final invoice for payment (in lieu of **Exhibit J-3**), listing only those subcontractors certified as CBE's, to show expenditures made to date to achieve compliance with the assigned CBE goal. The submission of the reports required by this subparagraph shall be a condition of payment to Contractor.

17.2.7 In the event of Contractor's noncompliance with its participation commitment to a CBE (including without limitation the unexcused reduction of CBE participation), the affected CBE shall have the right to exercise the following remedies if the noncompliance is or was due to no fault of the CBE, and due to the willful action or omission of Contractor:

(a) The affected CBE shall be entitled to damages pursuant to its agreement with Contractor.

(b) If a subcontractor, material supplier, or other similarly-situated person institutes an arbitration proceeding claiming non-compliance with the County Business Enterprise Act of 2009 by Contractor, then only in such event shall the remedies include an undertaking by Contractor to submit any dispute concerning such damages to binding arbitration by an independent arbitrator. However, binding arbitration shall not be available as to any dispute between Contractor and County; nor shall County incur any cost, fee, or liability relative to any arbitration proceedings. An arbitrator may award reasonable attorney's fees and costs against a non-prevailing party.

(c) Nothing under this Section 17.2 shall be construed to limit the rights of and remedies available to County, including the right to seek its own damages pursuant to this System Agreement.

17.2.8 County shall have access, without limitation, to Contractor's books and records, including payroll records, tax returns and records, and books of account, on five (5) calendar day's notice, to allow County to determine Contractor's compliance with its commitment to the CBE participation goal and the status of any CBE performing any portion of this System Agreement.

17.2.9 Upon request by the Contract Administrator, Contractor agrees to furnish the County with a copy of its Affirmative Action Policy.

17.2.10 The Contractor must inform the Broward County Small Business Development Division immediately, in writing, when a CBE subcontractor is not able to perform. If the Contractor is unable to substitute the unavailable CBE with another certified CBE, the actual substitute of a non- CBE subcontractor may not occur until the Broward County Small Business Development Division has verified the good faith efforts of the Contractor to substitute the unavailable CBE with another certified CBE.

17.2.11 Contractor shall pay its subcontractors and suppliers within ten (10) calendar days following receipt of payment from the County for such subcontractors Services or supplies. Contractor agrees that if it withholds an amount as retainage from its subcontractors or suppliers, that it will release such retainage and pay same within ten (10) calendar days following receipt of payment of retained amounts from County.

17.2.12 Contractor agrees that it cannot terminate a CBE subcontractor for convenience and then perform the Services with its own forces or its affiliate. If a situation arises that a CBE subcontractor needs to be replaced or removed from the team, Contractor must submit a written request to the Small Business Development Division with detailed explanation or justification for the submission of such request. If the request is due to a voluntary cessation of the CBE firm from the team, documentation supporting the voluntary cessation must accompany the request. Requests for substitution or termination of CBE subcontractors will only be approved on a case-by-case basis, provided that reasons cited are properly justified. When a CBE subcontractor is terminated, or fails to complete its Services, Contractor must make good faith efforts to find another CBE subcontractor to substitute for the original CBE.

17.2.13 Contractor agrees that nonpayment of a CBE subcontractor or supplier as required by Subsection 17.2.11 shall be a material breach of this

System Agreement and that County's Contract Administrator may, at its option, increase allowable retainage or withhold progress payments unless and until Contractor demonstrates timely payments of sums due to such subcontractors or suppliers. Contractor agrees that the presence of a "pay when paid" provision in a subcontract shall not preclude County or its representatives from inquiring into allegations of nonpayment. The foregoing remedies under this Section 17.2 shall not be employed when Contractor demonstrates that failure to pay results from a bona fide dispute with its subcontractor or supplier.

ARTICLE 18
INSURANCE

18.1 Contractor shall, at a minimum, provide, pay for, and maintain in force at all times during the term of this System Agreement (unless otherwise provided), the insurance coverages set forth below in accordance with the terms and conditions required by this Article.

18.2 Such policy or policies shall be without any deductible amount unless otherwise noted in this System Agreement.

18.3 Such policy or policies shall be issued by approved companies authorized to do business in the State of Florida and having agents upon whom service of process may be made in the State of Florida. Contractor shall specifically protect County and the Broward County Board of County Commissioners by naming County and the Broward County Board of County Commissioners as additional insureds under the Comprehensive General or Commercial Liability Insurance policy hereinafter described, as well as on excess liability.

18.3.1 Professional Liability Insurance shall be provided with the limits of liability provided by such policy to be no less than Two Million Dollars ($2,000,000.00) each claim, with a maximum deductible of $150,000.00. Contractor shall be responsible for the deductible.

Contractor shall notify County in writing within thirty (30) calendar days of any claims filed or made against the Professional Liability Insurance Policy.

18.3.2 Workers' Compensation Insurance shall be provided to apply for all employees in compliance with Chapter 440, Florida Statutes, as amended, the "Workers' Compensation Law" of the State of Florida and all applicable federal laws.

18.3.3 Comprehensive General or Commercial Liability Insurance with minimum limits of Two Million Dollars ($2,000,000.00) per occurrence combined single limit for Bodily Injury Liability and Property Damage

Liability and Five Million Dollars ($5,000,000.00) in the aggregate. Coverage must be afforded on a form no more restrictive than the latest edition of the Commercial General Liability Policy, without restrictive endorsements, as filed by the Insurance Services Office, and must include:

Premises and/or Operations.
Independent Contractors.
Broad Form Property Damage.
Products/Completed Operations Hazard.
Broad Form Contractual Coverage applicable to this specific System Agreement.
Personal Injury Coverage with Employee and Contractual Exclusions removed with minimum limits of coverage equal to those required for Bodily Injury Liability and Property Damage Liability.

18.3.4 Business Automobile Liability Insurance shall be provided with minimum limits of Five Million Dollars ($5,000,000.00) per occurrence combined single limit for Bodily Injury Liability and Property Damage Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability Policy, without restrictive endorsements, as filed by the Insurance Services Office and must include:

Comprehensive Form
Owned vehicles
Hired and non-owned vehicles
Any Auto, if applicable
Employers' non-ownership

18.4 Contractor shall provide to the County Risk Management Division certificate(s) of insurance for all insurance policies required by this Article including any subsection thereunder within ten (10) calendar days prior to the commencement of the Contractor's work as described herein, which certificate(s) of insurance must be satisfactory to the Risk Management Division in all respects. Certificate(s) of said insurance shall be in the form attached as **Exhibit H**. County reserves the right to require a certified copy of such policies upon request. All certificates and endorsements required herein shall state that County shall be given at least thirty (30) calendar days notice prior to expiration, cancellation or restriction of the policy. If any of the insurance coverages will expire prior to the completion of the work, copies of renewal certificates shall be furnished at least thirty (30) calendar days prior to the date of their expiration. Any insurance coverage that is written on a "claims made" basis must remain in force for two (2) years after the acceptance of the project by the County.

18.5 **Additional Insured.** Contractor agrees to endorse County as additional insured to the Commercial General Liability, Umbrella or Excess Liability. The additional insured shall read "Broward County Board of County Commissioners, Florida."

18.6 **Right to Revise or Reject.** Broward County's Risk Management Division reserves the right, but not the obligation, to review and revise any insurance requirements at the time of Contract renewal or any amendments, including but not limited to, deductibles, limits, coverages and endorsements based on insurance market conditions affecting the availability or affordability of coverage, or changes in the scope of work/specifications affecting the applicability of coverage.

ARTICLE 19
DOCUMENTATION

19.1 Contractor agrees to provide County with all Documentation in electronic format, and, hereby grants County permission to copy or reproduce, in whatever form, electronic, machine readable, hard copy or otherwise, any Documentation supplied by it to County, including material related to subsequent Upgrades, Updates and enhancements. County agrees to make only the number of copies of the material as may be necessary to meet the reasonable business and governmental needs of County. Under no circumstances will County sell or distribute any copies of the Documentation, including copies made, to other than its employees or individuals assisting County in its business or governmental operations. County shall include on all copies or reproductions the copyright inscription of Contractor which is contained in the original Documentation.

19.2 Contractor agrees to provide County with revised, modified, and/or updated Documentation that reflects the enhancements, changes, modifications resulting from any Work for Hire undertaken pursuant to this System Agreement.

ARTICLE 20
MISCELLANEOUS PROVISIONS

20.1 **Ownership of Documents.** All finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports prepared or provided by Contractor in connection with this System Agreement are and shall become the property of County, whether the project for which they are made is completed or not, and shall be delivered by Contractor to County in the requested form or format within seven (7) calendar days of the earlier to occur of: (i) written request from the Contract Administrator, or (ii) the termination of the System Agreement by either party.

20.1.1 If any funding for the System Agreement is provided by the Federal Aviation Administration (FAA) or any other federal agency, then all rights to inventions and materials generated under this Contract are subject to regulations issued by the FAA or any such other federal

agency, and the sponsor of any grant under which this Contract is executed. Information regarding these rights is available from the FAA and the sponsor.

20.1.2 County may withhold any payments then due to Contractor until Contractor complies with the provisions of this section.

20.1.3 Tangible items of non-consumed equipment, materials, supplies and furnishings purchased by the Contractor and its subcontractors, the costs of which have been reimbursed to the Contractor as a direct cost, shall be turned over to the County at completion or earlier termination of the System Agreement, or disposed of as directed by the Contract Administrator, and the proceeds of any such disposal shall be credited to, or paid to, the County.

20.2 **Audit Right and Retention of Records.** County shall have the right to audit the books, records, and accounts of Contractor that are related to the System Agreement.

20.2.1 Contractor shall keep such books, records and accounts and shall require any and all subcontractors to keep such books, records and accounts as may be necessary in order to record complete and correct entries related to the System Agreement. All books, records and accounts of Contractor shall be kept in written form, or in a form capable of conversion into written form within a reasonable time, and upon request to do so, Contractor shall make same available at no cost to County in written form. Incomplete or incorrect entries in such books and records and accounts will be grounds for County's disallowance and recovery of any amounts based upon such entries.

20.2.2 Contractor shall preserve and make available, at reasonable times for examination and audit by County, all books, records and accounts relating to the project and the System Agreement, including without limitation, financial records, supporting documents, statistical records, and any other documents pertinent to the System Agreement, all of which shall be preserved for the required Retention Period (as hereinafter defined). The "Retention Period" is defined as the greater of: (i) the required retention period of the Florida Public Records Act (Chapter 119, Florida Statutes), or if any audit has been initiated and audit findings have not been resolved at the end of such period, the books, records and accounts shall be retained until resolution of the audit findings, or (ii) for a period of three (3) years after final payment and the completion of all work to be performed pursuant to the System Agreement, or if any audit has been initiated and audit findings have not been resolved at the end of the three years, the books, records and accounts shall be retained until resolution of the audit findings, or (iii) if

the project is subject to Florida Department of Transportation grants, for a period of five (5) years after final payment and the completion of all work to be performed pursuant to the System Agreement, or if any audit has been initiated and audit findings have not been resolved at the end of the five years, the books, records and accounts shall be retained until resolution of the audit findings. If the Florida Public Records Act is determined by County to be applicable to Contractor's records, Contractor shall comply with all requirements thereof; however, no confidentiality or non-disclosure requirement of either federal or state law shall be violated by Contractor.

20.3 **Public Entity Crimes Act.** Contractor represents that the execution of the System Agreement will not violate the Public Entity Crimes Act (Section 287.133, Florida Statutes), which essentially provides that a person or affiliate who is a contractor, contractor or other provider and who has been placed on the convicted vendor list following a conviction for a Public Entity Crime may not submit a bid on a contract to provide any goods or services to County, may not submit a bid on a contract with County for the construction or repair of a public building or public work, may not submit bids on leases of real property to County, may not be awarded or perform work as a contractor, supplier, or subcontractor under a contract with County, and may not transact any business with County in excess of the threshold amount provided in Section 287.017, Florida Statutes, for category two purchases for a period of 36 months from the date of being placed on the convicted vendor list.

20.3.1 Violation of this section shall result in termination of the System Agreement and recovery of all monies paid by County pursuant to the System Agreement, and may result in debarment from County's competitive procurement activities.

20.3.2 In addition to the foregoing, Contractor further represents that there has been no determination, based on an audit, that it committed an act defined by Section 287.133, Florida Statutes, as a public entity crime and that it has not been formally charged with committing an act defined as a public entity crime regardless of the amount of money involved or whether Contractor has been placed on the convicted vendor list.

20.4 **No Contingent Fee.** Contractor warrants that it has not employed or retained any Contractor or person, other than a bona fide employee working solely for Contractor, to solicit or secure the System Agreement and that it has not paid or agreed to pay any person, Contractor, corporation, individual or firm, other than a bona fide employee working solely for Contractor any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of the System Agreement. For the breach or violation of this provision, County shall have the right to terminate the System Agreement without

liability at its discretion, to deduct from the Contract price, or otherwise recover, the full amount of such fee, commission, percentage, gift, or consideration.

20.5 **Subcontractors.**

20.5.1 Contractor shall utilize the subcontractors identified in the proposal that was a material part of the selection of Contractor to provide the Services for the project. The list of subcontractors submitted is set forth on **Exhibit J,** and the rates and fees are set forth on **Exhibit D**. Contractor shall obtain written approval of Contract Administrator prior to changing or modifying the list of subcontractors submitted by Contractor. Where Contractor's failure to use a subcontractor results in Contractor's noncompliance with CBE participation goals, such failure shall entitle the affected CBE subcontractor to damages available under local and state law.

20.5.2 Invoices for any Services performed by any subcontractors shall be passed through to County without additional charge by the Contractor. All such Services shall be itemized on invoices from such subcontractors, showing Services performed and charges incurred.

20.5.3 Contractor shall cause subcontractors to submit a completed **Exhibit D,** in the form attached hereto, detailing such rates for authorization prior to utilizing such subcontractor. Should any subcontractor fail to submit a completed **Exhibit D,** in the form attached hereto, or fail to submit a properly completed **Exhibit D**, as determined by the County Auditor, the Contractor shall notify the Broward County Small Business Development Division ("SBDD") of any such event, and until the failure is cured the Contractor may withhold payment of any sums due the subcontractor. In addition, the Contractor may make written request to the Contract Administrator (with a copy to the County Auditor and the SBDD) to replace such subcontractor with a subcontractor that is in compliance with the provisions hereof. **If the Contract Administrator approves any change or modification of subcontractors pursuant to Subsection 20.5.1, then Exhibits J and D shall be updated accordingly and attached to this License Agreement by the Contract Administrator.**

20.5.4 Contractor shall bind each and every approved subcontractor to the terms stated in this System Agreement, provided that this provision shall not, in and of itself, impose the insurance requirements set forth in Article 18 on Contractor's subcontractors. Contractor shall be responsible for recommending to the Broward County Risk Management Division the insurance coverages it will require of each of its subcontractors, after taking into consideration the Services to be provided by each of its subcontractors. The Broward County Risk

Management Division may either (i) accept the recommendation(s) of the Contractor, or (ii) require any coverages that the Risk Management Division determines are necessary to protect the County's interests. Contractor shall require the proper licensing of each of its subcontractors and shall provide the insurance coverage's as finally determined in the sole discretion of the Risk Management Division.

20.5.5 If any of the Services outlined in this System Agreement are furnished by Contractor by obtaining the Services of subcontractors, Contractor shall provide County with proposals and contracts between the subcontractors and Contractor outlining the Services to be performed and the charges for same, together with any other documentation required by County.

20.6 **Contractor Certification.** The Contractor hereby certifies that the System Agreement is made in good faith, and without fraud, collusion of any kind with any other contractor for the same work, and that the Contractor is acting solely on its own behalf without connection with, or obligation to, any undisclosed person or firm.

20.7 **Representative of County and Contractor - Project Managers.**

20.7.1 The parties recognize that questions in the day-to-day conduct of the project will arise. The Contract Administrator, upon Contractor's request, shall advise Contractor in writing of County's Project Manager to whom all matters pertaining to the day-to-day conduct of the project shall be addressed.

20.7.2 Contractor shall inform the Contract Administrator in writing of Contractor's Project Manager to whom all matters pertaining to the day-to-day conduct of the project shall be addressed.

20.8 **No Conflicts.**

20.8.1 The employees and officers of Contractor, its subcontractors, and the subsidiaries of Contractor and its subcontractors shall not, during the term of the System Agreement, serve as an expert witness against County in any legal or administrative proceeding in which he or she or Contractor is not a party, unless compelled by court process. Further, Contractor agrees that such persons shall not give sworn testimony or issue a report or writing, as an expression of his or her expert opinion, which is adverse or prejudicial to the interests of County or in connection with any such pending or threatened legal or administrative proceeding. The limitations of this section shall not preclude such persons from representing themselves in any action or in any administrative or legal proceeding.

20.8.2 Contractor, its subcontractors, and the subsidiaries, officers, and personnel of Contractor and its subcontractors shall not acquire any interest in any parcel of land or improvement thereon located within the Airport boundaries, as described in the Master Plan Update, including such additional property that may need to be acquired to implement the development described in the Master Plan Update.

20.8.3 Contractor, its subcontractors, and the subsidiaries, officers and personnel of Contractor and its subcontractors shall not perform consulting work or provide legal services that would in any way be in conflict with the project or detrimental to the project, for any municipality, developer, tenant or landowner developing or having property within the Airport boundaries, as described in the Master Plan Update, including such additional property that may need to be acquired to implement the development described in the Master Plan Update. At least ten (10) calendar days prior to undertaking any work for any of the listed entities, the Contractor shall provide the Contract Administrator with a written description of the contemplated work and the Contract Administrator shall promptly advise as to whether such work would be detrimental to the project or in conflict therewith.

20.8.4 Contractor, its subcontractors, and the subsidiaries, officers, and personnel of Contractor and its subcontractors shall not have or hold any continuing or frequently recurring employment or contractual relationship that is substantially antagonistic or incompatible with such party's loyal and conscientious exercise of judgment and care related to its performance under the System Agreement.

20.8.5 In the event Contractor is permitted pursuant to the System Agreement to utilize subcontractors to perform any Services required by the System Agreement, Contractor agrees to require such subcontractors, by written contract, to comply with the provisions of this section.

20.9 **All Prior Agreements Superseded / Amendments.**

20.9.1 The Agreement incorporates and includes and supersedes all prior negotiations, correspondence, conversations, agreements and understandings applicable to the matters contained therein and represents the final and complete understanding of the parties. The parties agree that there is no commitment, agreement or understanding concerning the subject matter of the Agreement that is not contained in the written Agreement. Accordingly, the parties agree that no deviation from the terms of the Agreement shall be predicated upon any prior representation or agreement whether oral or written.

20.9.2 No modification, amendment or alteration in the terms or conditions contained in the Agreement be effective unless set forth in a written document and executed by the parties hereto.

20.10 **Truth-In-Negotiation Certificate.** Signature of the System Agreement by Contractor shall act as the execution of a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the compensation of the System Agreement are accurate, complete, and current at the time of contracting. The original Contract price and any additions thereto shall be adjusted to exclude any significant sums by which County determines the Contract price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such Contract adjustments shall be made within one (1) year following the end of the System Agreement.

20.11 **Interpretation.** The language of this System Agreement has been agreed to by both parties to express their mutual intent and no rule of strict construction shall be applied against either party hereto. The headings contained in this System Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this System Agreement. All personal pronouns used in this System Agreement shall include the other gender, and the singular shall include the plural, and vice versa, unless the context otherwise requires. Terms such as "herein," "hereof," "hereunder," and "hereinafter" refer to this System Agreement as a whole and not to any particular sentence, paragraph, section or article where they appear, unless the context otherwise requires. Whenever reference is made to a sentence, paragraph, section or article of this System Agreement, such reference is to the sentence, paragraph, section or article as a whole, including all of the subsections thereof, unless the reference is made to a particular subsection or subparagraph.

20.12 **Contractor's Key Staff.**

20.12.1 Contractor will provide the key staff identified on **Exhibit G** for the project as long as said key staff are in Contractor's employment. Contractor's key staff shall not be changed without the prior written approval of the Contract Administrator as set forth below.

20.12.2 Prior to changing any key staff set forth on **Exhibit G**, Contractor shall provide Contract Administrator with such information as necessary to determine the suitability of proposed new key staff. The Contract Administrator will be reasonable in evaluating the qualifications of any proposed key staff.

20.12.3 If Contract Administrator desires to request removal of any of Contractor's staff, the Contract Administrator shall first meet with Contractor and provide reasonable justification for said removal.

20.13 **Drug-Free Workplace.** It is a requirement of County that it enter into contracts only with firms that certify the establishment of a drug-free work place in accordance with Chapter 21.31(a) of the Broward County Procurement Code. Execution of the System Agreement by Contractor shall serve as Contractor's required certification that it either has or that it will establish a drug-free work place in accordance with Chapter 21.31(a) of the Broward County Procurement Code and will continue to maintain same during the term of the System Agreement.

20.14 **Certain Additional Provisions Pertaining To Airport Projects.** Contractor agrees to abide by the provisions pertaining to airport projects set forth on **Attachment II,** attached hereto and made a part hereof.

20 .15 **Assignment and Subcontract.**

20.15.1 **County's Limited Right to Transfer.** County may, upon prior written notice to Contractor, assign this System Agreement to a surviving governmental entity in the event of any change in the manner or form by which County is organized. Otherwise, without the prior written consent of Contractor, the County's rights to any licensed programs or materials shall not be assigned, licensed, or otherwise transferred, voluntarily or otherwise, by the County, provided that such consent shall not be unreasonably withheld. Any such assignee must agree in writing to be bound by all of the terms and conditions of the System Agreement before any such assignment is effected.

20.15.2 **Contractor's Right to Assign.** Upon prior written notice to County, Contractor may assign the System Agreement to an affiliate in connection with a corporate reorganization. Otherwise, without the prior written consent of the County, the Contractor shall not assign its obligations under the System Agreement. The County's Director of Purchasing is authorized to provide such consent on behalf of the County.

20.16 **Applicable Law, Venue and Waiver of Jury Trial.** The System Agreement shall be interpreted and construed in accordance with and governed by the laws of the State of Florida. Any controversies or legal problems arising out of the System Agreement and any action involving the enforcement or interpretation of any rights hereunder shall be submitted to the jurisdiction of the state courts of the Seventeenth Judicial Circuit of Broward County, Florida. Venue for litigation arising out of the System Agreement shall be in such state courts. To encourage prompt and equitable resolution of any litigation that may arise hereunder, each party hereby expressly waives any rights it may have to a trial by jury of any civil litigation related to the System Agreement.

20.17 **Taxes.** Contractor acknowledges that County is a tax exempt entity and County agrees to provide Contractor with written proof of such status, if requested.

20.18 **Effective Date.** This System Agreement is effective upon the date signed by County.

20.19 **Independent Contractor; Third Party Beneficiaries; No Joint Relationship.**

20.19.1 Contractor is an independent contractor under the System Agreement. Services provided by Contractor shall be subject to the supervision of Contractor. In providing the Services, Contractor, its subcontractors, and their agents shall not be acting and shall not be deemed as acting as officers, employees or agents of the County.

20.19.2 The parties expressly acknowledge that it is not their intent to create any rights or obligations in any third person or entity under the System Agreement. Neither Contractor nor County intend to directly or substantially benefit a third party by the System Agreement. Therefore, the parties agree that there are no third party beneficiaries to the System Agreement and that no third party shall be entitled to assert a right or a claim against either of them based upon the System Agreement.

20.19.3 The System Agreement shall not constitute or make the parties a partnership or joint venture or create any other joint relationship. County does not extend to Contractor or Contractor's subcontractors or any of their agents any authority of any kind to bind County in any respect whatsoever.

20.20 **Notices and Writings.** Whenever either party desires to give notice to the other, such notice must be in writing, sent by certified United States Mail, postage prepaid, return receipt requested, or by overnight commercial carrier, return receipt requested, addressed to the party for whom it is intended at the place last specified. Transmission by Facsimile (Fax) shall constitute written notice hereunder. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the parties designate the following for notice:

BROWARD COUNTY	With a copy to:
Director of Aviation Aviation Department 100 Aviation Boulevard Fort Lauderdale, FL 33315 Facsimile : (954) 359-0027	Director of Business Aviation Department 100 Aviation Boulevard Fort Lauderdale, FL 33315 Facsimile: (954) 359-1331

CONTRACTOR

Chris Keller
Air-Transport IT Services, Inc.
5950 Hazeltine National Drive
Orlando, FL 32822
Facsimile: 407-370-4657

20.21 **Force Majeure.** Either party desiring to rely upon such a cause shall, when the cause arises, give prompt written notice thereof to the other party and, when the cause ceases to exist, shall give prompt written notice thereof to the other party. Contractor shall not be liable for any non-delivery or delay in delivering, installing, repairing, maintaining, and/or servicing any of the items covered by the System Agreement, if such non-delivery or delay is due to any "Force Majeure Event" (as hereinafter defined). County shall not be liable for any non-performance or delay in performing any obligation of County under the System Agreement, if such non-performance or delay is due to any Force Majeure Event. A "Force Majeure Event" is defined as one or more of the following events: acts of God, fires, strikes, acts of vandalism, terrorist act, lockouts, disputes with workers, epidemics, flood, hurricane, accidents, delays in transportation, shortage of modes of transportation, labor, fuel or materials, war blockades, embargos, foreign or domestic governmental regulations or requirements, restraining orders or decrees of any court or judge, or any other causes whatsoever not within the control of the party affected by the Force Majeure Event. A "Force Majeure Event" shall not include any non-delivery or delay in delivering, installing, repairing, maintaining, and/or servicing any of the items covered by the System Agreement if such is directly caused by any action or inaction of the party affected or claiming to be affected by a Force Majeure Event, or any event that arises or is due to any fault or inaction of such party. In the event of any Force Majeure Event as to the Contractor's obligations hereunder, the Contractor shall immediately deliver, install, repair, maintain, and/or service any item covered by the System Agreement as soon as it is reasonably possible for the Contractor to undertake such actions.

20.22 **Incorporation by Reference.** The truth and accuracy of each "Whereas" clause set forth above is acknowledged by the parties. The attached **Exhibits A through N** and **Attachments I through III** are incorporated into and made a part of the System Agreement by this reference

20.23 **Priority of Provisions.** If there is a conflict or inconsistency between any term, statement, requirement, or provision of any exhibit attached to this System Agreement, any document or events referred to in this System Agreement, or any document incorporated into this System Agreement by reference and a term, statement, requirement, or provision of this System Agreement, the term, statement, requirement, or provision contained in **Articles 1-23** of this System Agreement shall prevail and be given effect. In the event of any conflict between any exhibit attached hereto and any other exhibit attached hereto, the following shall be the order of priority in determining which exhibit shall prevail and be given effect over another exhibit, with a higher exhibit on the list having priority over any exhibit that follows it:

Exhibit A	Statement of Work
Exhibit B	Goods and System Hardware (as it may be updated pursuant to the Agreement)
Exhibit B-1	Existing EVIDS Devices (as it may be updated pursuant to the Agreement)
Exhibit C	Licensed Software and Third Party Software (as it may be updated pursuant to the Agreement)
Exhibit D	Rates and Fees to be Charged by Contractor/Subcontractor
Exhibit E	Master Price List (as it may be updated pursuant to the Agreement)
Exhibit F	Payment Schedule
Exhibit G	Key Staff
Exhibit H	Form Certificate of Insurance
Exhibit I	Work Authorization Forms; Contract Administrator, Purchasing, Board
Exhibit J	Schedule of Subcontractor Participation
Exhibit J-1	Schedule of CBE Participation
Exhibit J-2	Certification of Payments to Subcontractors and Suppliers
Exhibit J-3	CBE Utilization Report
Exhibit J-4	Final CBE Utilization Report
Exhibit K	Payment Forms
Exhibit L	Change Order Form
Exhibit M	Optional Services
Exhibit N	Form of Performance Bond and Payment Bond
Attachment I	Nondiscrimination Requirements
Attachment II	Provisions Pertaining to Airport Projects
Attachment III	Off Shore Statement

20.24 **Representation of Authority.** Each individual executing the System Agreement on behalf of a party hereto does hereby represent that he or she is, on the date he or she signs the System Agreement, duly authorized by all necessary and appropriate action to execute the System Agreement on behalf of such party.

20.25 **Compliance with Laws.** Throughout the term of the System Agreement, the Contractor shall keep fully informed of all federal, state, County and local laws, ordinances, codes, rules, and regulations, and all orders and decrees of bodies or tribunals having jurisdiction or authority which, in any manner, affect work authorized under the terms of the System Agreement, and shall further take into account all known pending changes to the foregoing. The Contractor shall at all times observe and comply with all such laws, ordinances, codes, rules, regulations, orders, and decrees in performing its duties, responsibilities, and obligations related to the System Agreement.

20.26 **Agreement Severable; Waiver of Breach and Materiality.**

20.26.1 In the event the System Agreement or a portion thereof is found by a court of competent jurisdiction to be invalid, the remaining provisions shall continue to be effective, unless County or Contractor elects to terminate the System Agreement. Any election to terminate the System Agreement based upon this provision shall be made within seven (7) calendar days after the finding by the court becomes final.

20.26.2 Failure by County to enforce any provision of the System Agreement shall not be deemed a waiver of such provision or modification of the System Agreement. A waiver of any breach of a provision of the System Agreement shall not be deemed a waiver of any subsequent breach and shall not be construed to be a modification of the terms of the System Agreement.

20.26.3 County and Contractor agree that each requirement, duty, and obligation set forth herein is substantial and important to the formation of the System Agreement and, therefore, is a material term hereof.

20.27 **Joint Preparation.** The parties acknowledge that they have sought and received whatever competent advice and counsel necessary for them to form a full and complete understanding of all rights and obligations herein and that the preparation of the System Agreement has been their joint effort. The language agreed to expresses their mutual intent and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties than any other.

20.28 **No Interest.** Unless required by the Broward County Prompt Payment Ordinance, any monies which are the subject of a dispute regarding the System Agreement and which are not paid by County when claimed to be due shall not be subject to interest. All requirements inconsistent with this provision are hereby waived by Contractor.

20.29 **References to County.** Contractor agrees that during the term of the System Agreement, Contractor may not reference County in Contractor's Web site,

and/or press releases, and, may not place County's name and logo on Contractor's Web site or in collateral marketing materials relating to Contractor's products and services without the prior written consent of the County. Further, Contractor agrees that it may not use County's name, logo or any other trademarks (including in any press releases, customer "case studies," and the like) without County's prior written consent. Termination of the System Agreement shall not affect Contractor's obligation in this regard. Additionally, upon termination or expiration of the System Agreement, Contractor agrees it will discontinue any previously authorized use of County's name and/or logo on any Web site, press release, promotional literature or customer list.

20.30 **Most Favored Nation Pricing and Exclusive Arrangement.** The parties agree that the term "Most Favored Nation" shall mean that Services are offered to County by Contractor on terms and conditions, including price, that are at least as favorable as those offered to other entities that are comparable in size and scope to County. Contractor commits that the pricing provided to County shall be at least as low as for comparable volume levels and similar Services as that provided to any other Contractor customer. Contractor agrees and covenants that it shall not enter or offer to enter into an agreement with any other entity to provide services comparable to the Services in the System Agreement on pricing terms which are more favorable to such other entity than those set forth in the System Agreement.

20.31 **Time of the Essence.** Time is of the essence throughout this System Agreement.

20.32 **Offshore Limitation.** Contractor shall not source any development and/or support for the System Agreement outside the territorial limits of the United States of America, without the written approval of the Contract Administrator. The County acknowledges and consents to the matters described on **Attachment III**, attached hereto and made a part hereof.

20.33 **Remote Access.** The parties envision that support to County's development and or test environment may be provided by remote electronic means (remote access). The manner, including any security restrictions, method, equipment, Software and other considerations for remote access shall be provided by remote access (high speed on County end) on a request by request basis subject to the Aviation Department's internal network security policies. Current Aviation Department policy prohibits the use of direct remote "dial" connections for access to the Airport network (this policy may be changed from time to time, at the Aviation Department's discretion). For the purpose of remote access to the Airport network, the Aviation Department provides a secure and encrypted access control mechanism via Checkpoint firewall. The authorized connection type is a Virtual Private Network (VPN) connection through the internet. County, at its own expense, shall provide the equipment and Software at its location to permit remote access. Contractor, at its expense, shall provide the equipment,

operating and Checkpoint VPN client Software at its location to permit the remote access via a secure and encrypted VPN to the Airport's network. Contractor will assume its respective telephone and/or internet access costs incurred to perform support on the system by remote access. Contractor represents and warrants that while performing support by remote access it will use all commercially available methods to not transmit any type of undocumented Software routines or other elements which are designed to or capable of permitting, allowing or causing: (a) unauthorized access to or intrusion upon; (b) disabling of; (c) erasure of; or (d) interference with any Hardware, Software, data or peripheral equipment whether directly or by transference. In the event of a breach of this representation and warranty, Contractor shall be responsible for and pay the County for any and all actual harm, injury, damages, costs and expenses incurred by County by reason of the breach.

20.34 **Warranty as to Intellectual Property Infringement.** Contractor represents and warrants that at the time of entering into the System Agreement no claims have been asserted or action or proceeding brought against Contractor which alleges that all or any part of the Licensed Software to be supplied by Contractor or the operation or use thereof by County, infringes or misappropriates any patent, copyright, mask copyright or any trade secret or other intellectual or proprietary right of a third party, nor is Contractor aware of any such potential claim. Contractor also represents and warrants that its Services to be provided pursuant to the System Agreement to modify the Licensed Software will not infringe or misappropriate any patent, copyright, mask copyright or any trade secret or other intellectual or proprietary right of a third party.

20.35 **Codes/Regulations.** Contractor, as it relates to the Services required to be performed herein, represents and acknowledges to the County that it and its subcontractors are knowledgeable as to any and all codes, rules and regulations applicable in the jurisdictions in which the project is located and the funding sources for the project and any Optional Services, including without limitation, County and local ordinances and codes, Florida laws, rules, regulations and grant requirements, and Federal laws, rules, regulations, advisory circulars and grant requirements, including without limitation, Passenger Facility Charge requirements, requirements of the Americans with Disabilities Act, and requirements of the Federal Aviation Administration ("FAA"), and the Federal Transportation Security Administration ("TSA") and the Florida Department of Transportation ("FDOT"). In the performance of Services under the Agreement, the Contractor and its subcontractors shall comply with all such laws, codes, rules, regulations, advisory circulars and requirements now in effect and as may be amended or adopted at any time during the term of the System Agreement, and shall further take into account in the performance of its Services hereunder, all known or publicly announced pending changes to the foregoing. The Contractor and its subcontractors shall provide any and all certifications to the County as to compliance with such laws, codes, rules, regulations, advisory circulars and requirements, as may be required by any governmental body, including FAA, TSA, FDOT and County agencies, or as may be requested by the

Aviation Department. The Contractor will incorporate the provisions of this Section 20.35 without modification into all agreements with its subcontractors.

20.36 **Licensing.** Contractor represents that it and its subcontractors are experienced and fully qualified to perform the Services contemplated by the System Agreement, and that it and its subcontractors are properly licensed pursuant to all applicable laws, rules and regulations to perform such Services.

20.37 **Knowledge and Skills.** Contractor represents that it and its subcontractors have the knowledge and skills, either by training, experience, education, or a combination thereof, to adequately and competently perform the duties, obligations, and Services to be provided by such person pursuant to the System Agreement and to provide and perform such Services to County's satisfaction for the agreed compensation.

20.37.1 Contractor shall perform its duties, obligations, and Services under the System Agreement in a skillful and respectable manner, and shall cause its subcontractors to also perform their duties, obligations and Services under the System Agreement in a skillful and respectable manner.

20.37.2 The quality of Contractor's and its subcontractors' performance and all interim and final product(s) provided to or on behalf of County shall be comparable to the best local practices and national standards.

20.37.3 Nothing in the System Agreement shall relieve the Contractor of its prime and sole responsibility for the performance of the work under the System Agreement. In addition to all other rights and remedies that County may have under the System Agreement, Contract Administrator may require the Contractor to correct any deficiencies which result from Contractor's failure to perform in accordance with the above standards.

20.38 Physical access for Contractor personnel to the system as necessary during support to allow Contractor to perform support shall be provided by County. In addition, County shall provide, within County's premises, adequate space for support to be performed on site.

20.39 **Governmental Immunity - Liability.** Nothing herein is intended to serve as a waiver of sovereign immunity by County nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract. County is a political subdivision of the State of Florida, as defined in Chapter 768.28, Florida Statutes. No commissioner, director, officer, agent or employee of the County shall be charged personally or held contractually liable under any provision of this Agreement or of any

supplement, modification or amendment to this Agreement or because of any breach thereof, or because of its or their execution or attempted execution.

ARTICLE 21
WARRANTY REGARDING VIRUSES

The term "Virus" means any computer code that could (a) disrupt, disable, harm, or otherwise impede in any manner the proper operation of a computer program or computer system, or (b) damage or destroy any data or files residing on a computer system without the user's consent, including (without limitation) any "back door," "time bomb ... .. Trojan Horse," "worm," "drop dead device", spyware, and "virus" (as these terms are commonly used in the computer Software field). Contractor warrants that the Licensed Software does not and will not contain any Virus. Contractor warrants that it will use state-of-the-art anti-virus screening Software to screen the media containing the Licensed Software for Viruses before delivery of such media to County. Contractor will indemnify County for any and all losses, damages, liabilities, costs, and expenses caused by any such Virus; provided that such Virus was not the result of the intentional or malicious actions of County or any County employees. Contractor further warrants that it will not perform any action that will hinder County's freedom to use or physically and electronically transport the Licensed Software within County's facilities, and that it has not included in the Licensed Software any Software, Hardware, electronic, or other security mechanism (including password, CPU serial number validation or dependency, electronic initialization protection, and time dependent execution) or any other disablement, de-installation, deactivation, or deletion mechanism.

ARTICLE 22
GOODS TO BE SUPPLIED BY CONTRACTOR

22.1 Contractor will sell and County will purchase from Contractor the following Goods described in **Exhibit A, Exhibit B, and Exhibit C** as to be delivered to County by Contractor. Prior to Final Acceptance of the System the Contractor shall submit the following revised and updated exhibits: **Exhibit B** "Goods and Systems Hardware," **Exhibit B-1**, "Existing EVIDS Devices," **Exhibit C** "Licensed Software and Third Party Software," and **Exhibit E** "Master Price List." The updated exhibits shall be reviewed and approved by the Contract Administrator, and once approved, they shall be initialed by the Contract Administrator and the Contractor's Project Manager and attached to this System Agreement and to the License Agreement as replacement and final exhibits for the License Agreement and this System Agreement. The revised **Exhibits B, B-1, C, and E** submitted by the Contractor shall be based on actual installed components and quantities.

22.2 For purposes of the System Agreement, and unless otherwise stated, the term "Goods" includes any associated firmware and operating Software licensed as an integral part of the Goods. Contractor (or the applicable third party owner, as the case may be) retains all right, title and interest in all firmware and associated Software, whether operating or application Software, delivered under the System Agreement subject only to the following license rights. Any firmware delivered as

a component of Goods shall be deemed licensed to County on a nonexclusive basis strictly for use as an integral part of the Goods. Any associated Software delivered with the Goods shall be deemed licensed to County according to the terms and conditions of the Software license agreement included with the Documentation or, if not so included, then County shall be deemed granted a nonexclusive license in object code form to install, store, load, execute and display (collectively, "Use") the Software as part of using the Goods for the purposes contemplated herein. All Goods will be new and unused except normal manufacturers' testing for product control and verification of quality. County shall have the right to sell the Goods and, in such event, it is understood and agreed that County may transfer the licenses to all Software, including any elements of the Licensed Software, that are an integral part of the Goods to the purchaser(s) of the Goods, but only if the purchaser agrees to accept and be bound by the terms and conditions of the licenses being assigned with the Goods.

22.3 Contractor represents and warrants that it will convey to County good and marketable title to the Goods free and clear of all liens and encumbrances or a proper license to use the Software. Risk of Loss and title to the Goods shall pass to the County upon Final Acceptance and final payment by the County. Contractor will install those elements of the Licensed Software to be furnished by Contractor described in the Statement of Work, so that such Software will function with the Goods as set forth and described in the Statement of Work. Contractor or the owner of the Software associated with the Goods retains title to such Software. All patent, copyright, trade secret, trademark, and other intellectual property rights remain solely with Contractor or the owner of the Software.

ARTICLE 23
PERFORMANCE AND PAYMENT GUARANTY

Within five (5) calendar days after the date County executes this System Agreement, Contractor shall furnish County with a Performance Bond and Payment Bond ("Bond"), either in the form and containing all the provisions of **Exhibit N**, "Form of Performance Bond and Payment Bond" ("Surety Bond") attached hereto and incorporated herein, or a letter of credit ("Letter of Credit") in form and substance satisfactory to the County. The Bond shall be in an amount equal to Five Million Four Hundred Thirty-Eight Thousand Nine Hundred Twenty Dollars ($5,438,920.00). Said Bond shall be in full force and effect until commencement of the "First Maintenance Fee Term" (as defined in Section 8.2 of the License Agreement). The Bond required hereunder shall secure the performance of all work under this System Agreement, payment of liquidated damages, if any, required under this System Agreement and any other payments or reimbursements by the Contractor to the County that may be required under this System Agreement. The Bond shall be in form and substance satisfactory to the County's Risk Management Division. The Bond posted by the Contractor shall be in effect and shall provide coverage from the effective date of this System Agreement and shall be kept in full force and effect until commencement of the First Maintenance Fee

Term under Section 8.2 of the License Agreement. The County shall have no obligation to make any payments under this System Agreement to the Contractor until a Bond in amount and form acceptable to the County has been provided to the County by the Contractor. In the event that the County exercises its option to terminate this System Agreement for cause then in addition to any other rights and remedies available to the County at law or in equity, County shall be entitled to draw down upon the Bond and apply the proceeds of such draw to all fees, damages and amounts secured by the Bond. Any cancellation of the Bond without the consent of the County Risk Management Division prior to the aforesaid time period shall be a default of this System Agreement. At least ninety (90) calendar days prior to the termination or expiration of the Bond, the bonding company and Contractor shall notify County in writing of such event. Not less than ninety (90) calendar days prior to any expiration date or termination date of the Bond, Contractor shall submit evidence in form satisfactory to County that said Bond has been renewed or replaced.

Each Surety Bond provided hereunder shall be executed by a surety company of recognized standing authorized to do business in the State of Florida and having been in business with a record of successful continuous operation for at least five (5) years. Furthermore, such surety company must have at least a "A-" rating in the latest revision of Best's Insurance Report, or such other rating as has been approved by the County Risk Management Division. In the event of any requirement hereunder that the Bond amount be adjusted, a Bond in the adjusted amount shall be submitted to the Contract Administrator no later than twenty (20) calendar days following the effective date of the requirement for the adjustment. Each Surety Bond shall be in form and substance satisfactory to the County.

Each Letter of Credit provided hereunder shall be provided by a financial institution of recognized standing authorized to do business in the State of Florida. Throughout the term of the Letter of Credit, the financial institution that has issued the Letter of Credit must maintain a relationship with a financial institution having an office in Broward, Miami-Dade, or Palm Beach County, Florida at which the Letter of Credit may be presented for drawing down, and the financial institution that has issued the Letter of Credit must have been in business with a record of successful continuous operation for at least five (5) years. Each Letter of Credit shall be in form and substance satisfactory to the County.

On approval of any contract change increasing the contract price, Contractor shall ensure that the Bond is increased to reflect the total contract price as increased.

IN WITNESS WHEREOF, the parties have made and executed this System and Services Agreement on the respective dates under each signature: BROWARD COUNTY, by and through its BOARD OF COUNTY COMMISSIONERS, signing by and through its Mayor or Vice Mayor, authorized to execute same by Board action on the ____ day of _____, 2009, and AIR-TRANSPORT IT SERVICES, INC., Contractor, signing by and through its _____, duly authorized to execute same.

SYSTEM AND SERVICES AGREEMENT BETWEEN BROWARD COUNTY AND AIR-TRANSPORT IT SERVICES, INC.

COUNTY

ATTEST:

Broward County Administrator,
as Ex-officio Clerk of the Broward
County Board of County
Commissioners

BROWARD COUNTY, by and
through its Board of County
Commissioners

By _____
Mayor

____ day of _____, 2009

Approved as to form by
Office of County Attorney
Broward County, Florida
JEFFREY J. NEWTON County Attorney
for Broward County, Florida
Governmental Center, Suite 423
115 South Andrews Avenue
Fort Lauderdale, Florida 33301
Telephone: (954) 357-7600
Telecopy: (954) 357-6869

Insurance requirements
Approved by Broward County
Risk Management Division

By _____

By _____
Christine C. Lee,
Senior Assistant County Attorney

SYSTEM AND SERVICES AGREEMENT BETWEEN BROWARD COUNTY AND AIR-TRANSPORT IT SERVICES, INC.

WITNESSES:

Signature of Witness

Print/Type Name of Witness

Signature of Witness

Print/Type Name of Witness

ATTEST:

Secretary

Air-Transport IT Services, Inc.

By _____ EVP & COO
(Type Name and Title here)

24th day of August, 2009

(Corporate Seal)

EXHIBIT A
IMPLEMENTATION STATEMENT OF WORK

1 GENERAL

The following constitutes the Statement of Work for this Contract. This document is intended to be supplemental to County's RFP, and CONTRACTOR's proposal response which are incorporated by this reference as though fully set forth herein.

1.1 PROJECT OVERVIEW

The CONTRACTOR shall design and implement an integrated System (AIMS) at the Fort Lauderdale-Hollywood International Airport which includes the following subsystems:

1.1.1 Airport Operational Database (AODB):

This database will support the real-time data warehousing and retrieval of data and will provide the mechanism for the integration of systems throughout the campus.

1.1.2 Electronic Visual Information Display System (EVIDS):

The EVIDS will provide flight and baggage information to the traveling public and operational information to other systems and to aviation and airline staff members.

1.1.3 Dynamic Assignment Passenger Processing (DAPP):

The DAPP will allow multiple airlines to operate in the facility using their host software and a common set of compatible hardware, increasing the flexibility and efficiency of the facility.

1.1.4 Resource Management System (RMS):

A RMS will be provided to assist operations in the assigning of common use resources including gates, ticket counters, baggage claim carousels, and baggage makeup conveyors. The RMS will provide planning functions, "best fit" recommendations, and real-time conflict warnings to assist operations in the management of these resources.

1.1.5 Local Area Network (LAN) and Voice Over Internet Protocol System (VoIP) (Integration with Existing Systems):

The Local Area Network (LAN) to be provided includes all materials, equipment, software, and labor to install and make ready for use, a Multi-Use

LAN utilizing IP based protocols. The Multi-Use LAN shall support all systems that require connectivity throughout FLL. These systems shall include, but not be limited to the EVIDS, DAPP, RMS, LDCS, and VoIP. It is the responsibility of the CONTRACTOR to coordinate with County staff to perform the necessary coordination and ensure all AIMS networking requirements are met by the installed LAN/VoIP system.

1.1.6 Local Departure Control System (LDCS):

The Local Departure Control System (LDCS) will provide automated check-in and departure control for non-hosted airlines and irregular flight operations.

1.2 SUMMARY STATEMENT OF WORK

The CONTRACTOR shall provide the following systems as part of the AIMS base solution:

- Airport Operational Database (AODB)
- Electronic Video Information Display System (EVIDS)
- Dynamic Assignment Passenger Processing (DAPP) and end user hardware including:
    - Ticket Counter Hardware
    - Curbside Counter Hardware
    - In Line CUSS Kiosk at Ticket Counters
    - Open Area CUSS Kiosks without Bag Tag Printer (BTP)
    - Open Area CUSS Kiosks with BTP
    - Gate Counter Hardware
    - Loading Bridge Podium Hardware
    - DAPP Operational Workstation Hardware
- Common Use Self Service (CUSS)
- Local Departure Control System (LDCS)
- Resource Management System (RMS)
- Coordination of required modifications to the existing Local Area Network (LAN) with County as necessary to establish the required integration.
- Coordination of required modifications to the existing Voice over Internet Protocol (VoIP) with County as necessary to establish the required integration.

- Thorough review, analysis, and acceptance of existing systems, software, and components that will be utilized by, or integrated with the AIMS.

The CONTRACTOR shall provide the following components:

- All software and hardware components necessary for the AIMS to function as specified.
- All patch cords required to connect to the campus-wide Premises Distribution System (PDS) and to interconnect AIMS components.
- Uninterruptible Power Supplies (UPS) for all servers.
- System training as specified.
- System warranty as specified.
- System testing and acceptance plans as specified.

The installed AIMS and all components shall be compliant with the most current Payment Card Industry (PCI) Data Security Standard and Payment Application Data Security Standard's at the time of installation.

The CONTRACTOR shall be responsible for all data level integration and interfaces as identified in this document. To support these interfaces and integration, Interface Design Documents (IDD) shall be developed by the CONTRACTOR for each identified interface. The IDDs shall be submitted and approved prior to proceeding with any integration work.

The CONTRACTOR shall be responsible for performing all documentation reviews, field audits, inspections, and other methods necessary for analyzing the existing conditions of infrastructure (power, cabling, and Local Area Network), systems, software, and components that are to be utilized by, or integrated with the new AIMS. The CONTRACTOR shall submit a formal deliverable stating that the existing conditions are acceptable, or detailing any required modifications to existing conditions that will be necessary for the AIMS to function as specified.

The CONTRACTOR shall be responsible for closely coordinating with County's network administration staff to complete all necessary configuration and integration with the LAN system to ensure the network port and Virtual Local Area Network (VLAN) requirements of the PDS are properly configured to support the AIMS. The County's network administration staff will provide all system architecture and configuration requirements and must approve any LAN modifications prior to implementation. All requested modifications to the LAN must be submitted in writing for approval by the County.

The CONTRACTOR shall be responsible for providing any new Local Area Network equipment that will be required to support the additional end user and system devices provided by the Contract Documents.

The CONTRACTOR shall be responsible for close coordination with the County's staff to complete all necessary configuration and integration with the existing Nortel VoIP telephony system to ensure the system is properly configured to support the AIMS. All requested modifications to the VoIP system must be submitted in writing for approval by the County.

The CONTRACTOR shall be responsible for performing all necessary coordination with airline representatives and County to ensure each airline's DAPP peripheral requirements are met by the AIMS.

The CONTRACTOR shall be responsible for coordinating with the County to set up a test/training lab on the premises (location to be determined by County) to facilitate training, system configuration, testing, and deployment. This lab will be used by the County post implementation to support system administration and modifications.

The CONTRACTOR shall be responsible for providing eleven (11) new ticket counter double inserts. The CONTRACTOR shall ensure that all new equipment provided by AIMS will be accommodated within the existing millwork at the ticket and gate counters. The CONTRACTOR shall be responsible for performing the appropriate coordination with the County, the project manager, and other construction package coordinators to ensure the new and existing counter inserts will be accommodated by the counter millwork and other architectural elements that will be provided by others. As a minimum, the CONTRACTOR shall perform shop drawing reviews and provide component drawings detailing the exact mounting requirements for each component and device to be supplied by the Contract Documents.

The CONTRACTOR shall be responsible for analyzing and integrating all existing display devices into the AIMS. This shall include all necessary hardware, software, and interface components necessary to allow the AIMS to display information on the existing display devices. All existing devices must also be supported during the initial warranty period, post warranty maintenance period, and any optional maintenance period(s). A listing of the existing EVIDS equipment is provided in **Exhibit B-1**.

The CONTRACTOR shall be responsible for performing all necessary coordination, including attendance at weekly construction meetings, with other related County projects.

The CONTRACTOR shall be responsible for participating in all County safety programs and adhering to the established safety guidelines.

The CONTRACTOR shall be responsible for providing all warranty and maintenance related work.

The CONTRACTOR shall provide and pay for all labor, materials, and equipment. This shall include all required gross receipts, sales, and other taxes.

The CONTRACTOR shall secure and pay for plan check fees, permits, fees, and licenses necessary for the execution of work as needed for the project

The CONTRACTOR shall provide all required notices.

The CONTRACTOR shall comply with all codes, ordinances, regulations, and any other legal requirements of public authorities which will bear on the implementation of work for the project.

The CONTRACTOR shall be required to coordinate and administer design workshops with the appropriate Airport and tenant stakeholders to discuss and finalize AIMS functionality. Up to six (6) workshops shall be held. These workshops shall be split into functional areas of the AIMS, including system interface requirements, operational requirements (such as the supply of printing stock), and shall be coordinated with the County.

It is the intent that the infrastructure requirements for the AIMS (data cabling and power) will currently exist or will be provided by others. However the CONTRACTOR shall be responsible for the following items on an as-needed basis:

- Installation of the necessary passive infrastructure components (racks, cabinets, cabling, terminations, etc.) to support the AIMS. All infrastructure components shall be installed in accordance with the latest County technology standards.
- Installation of new electrical outlets to support new AIMS equipment. All electrical installations shall conform to the latest County standards as well as NEC and local codes and requirements.

1.3 CONTRACTOR RESPONSIBILITIES

The CONTRACTOR shall be responsible for the following:

- All software and hardware components necessary for the AIMS to function as specified
- All patch cords required to connect to the campus-wide PDS.
- Uninterruptible Power Supplies for all servers and other critical equipment.
- System training as specified.
- System warranty as specified.

- System testing and acceptance plans as specified.

- Acceptance of existing conditions for infrastructure, systems, software, and components that will be utilized by, or integrated with the AIMS.

- Data level integration and interfaces as identified in the Contract Documents. To support these interfaces and integration, Interface Design Document (IDD) shall be developed by the CONTRACTOR for each identified interface. The IDDs shall be submitted and approved prior to proceeding with any integration work.

- Coordinating with County staff to complete configuration and integration of the VoIP system to ensure the telephony integration requirements of the AIMS are satisfied.

- Coordinating with County staff to complete configuration and integration with the LAN system to ensure the network port and VLAN requirements are properly configured to support the AIMS.

- All necessary coordination with airline representatives to ensure each airline's DAPP peripheral requirements are met by the AIMS.

- Performing all appropriate coordination with the County, the project manager, and other construction package coordinators to ensure all AIMS equipment (display devices, workstations, gate and ticket counter equipment, etc.) will be accommodated by casework and other architectural elements that will be provided by others. The CONTRACTOR shall perform shop drawing reviews and provide component drawings detailing the exact mounting requirements for each component and device to be supplied by the Contract Documents.

- Performing all necessary coordination, including attendance at weekly construction meetings, including participating in all County safety programs and adhering to the established safety guidelines.

- Provide all warranty and maintenance related work.

- Provide and pay for all labor, materials, and equipment. This shall include all required gross receipts, sales, and other taxes.

- Secure and pay for plan check fees, permits, fees, and licenses necessary for the execution of work as needed for the project.

- Providing all required notices

- Complying with all codes, ordinances, regulations and any other legal requirements of public authorities which will bear on the implementation of work for the project.

- Providing maintenance and support services during the interim period while the AIMS is partially functional and in use, but prior to the formal commencement of maintenance and support services. CONTRACTOR shall coordinate with the County to determine the level of support that will be required during this time.

1.4 COUNTY RESPONSIBILITIES

The County shall be responsible for the following:

- Installation of the necessary passive infrastructure components (cabling, terminations, etc.) to support the AIMS, with the exception of patch cords.

- Development of Communications Rooms which meet the required standards and codes to support the AIMS.

- Electrical work; with the exception of grounding for the installed equipment within cabinets and racks in the Communications Rooms and UPS where required.

1.5 PHASES OF IMPLEMENTATION

A. The implementation of the AIMS shall be phased as necessary in order to minimize any disruption of normal Airport operations. Discussions with the County have contributed to the development of the phasing requirements which follow. CONTRACTOR shall provide a detailed Phasing Plan as part of the overall Project Plan for acceptance by the County prior to commencing work under Phase One.

B. Within 45 calendar days after the Initial NTP the CONTRACTOR shall submit a detailed Project Schedule in accordance with the submittal requirements identified in the Contract Documents.

C. The existing EVIDS is to remain operational during the implementation of the AIMS. Parallel systems shall be in place (existing EVIDS and new

EVIDS) and integrated to ensure that displayed information is current. In addition, to the end users, a single data entry update shall update all information in both EVIDS systems. The CONTRACTOR shall include in the Project Plan a detailed procedure of how these parallel systems will be implemented and how the cutover to the new EVIDS will occur.

D. Historical information (minimum five (5) years) from the existing Resource Management System shall be migrated to the AIMS to allow for retrieval of historical data. The interface required to achieve this functionality shall be included in an Interface Design Document that describes the interface between the existing system and the AIMS.

E. The DAPP and CUSS implementations will be performed in stages with the individual airlines for each stage identified in Section 1.6.6. of this Statement of Work. Unless written approval from the County is obtained, all stages of the DAPP and CUSS implementations must be completed prior to Final Acceptance.

F. Phase Zero

1. The initial phase of the project (Phase Zero) will consist of the development, submittal, and acceptance of the Project Plan that includes an overall Project Schedule. In addition, this phase will include the review, analysis, and acceptance of existing systems, software, and components that will be utilized by, or integrated with the AIMS and the submission of a formal deliverable stating the acceptance and/or listing any items requiring modifications. This review and subsequent documentation will include logic drawings showing equipment quantities and logical connectivity.

G. Phase One

1. Phase One of the implementation will consist of the development of the final design, system, equipment, and component submittals, County/tenant coordination workshops, and Factory Acceptance Testing ("FAT").

2. This phase will also include of the development and finalization of all Interface Design Documents as specified herein.

3. In Phase One the CONTRACTOR shall develop, coordinate, and administer design workshops to finalize the following components with input from the required stakeholders. The exact list of workshops along with each workshops agenda shall be submitted for review and approval by the County. These design workshops shall included, but not be limited to, the following:

i EVIDS distribution architecture and display driving technical workshop

ii Screen formats and displayed information workshops (all displays)

iii Tenant Gate Operational functionality workshops (i.e. boarding sequence, etc.)

iv Airline functional requirements workshop with all airlines

v Detailed technical requirements workshop for all airlines identified for implementation in stage one of DAPP. These airlines are identified in Section 1.6.6 of this Statement of Work.

vi Resource Management System functional workshops

vii AIMS report workshops.

4. Development and implementation of a test lab at the FLL site. The test lab shall include the following, as a minimum:

   i A two server cluster configuration that will provide a scaled down version of the production system. The configuration shall allow for:

      a Application testing

      b Application updates

      c Server patch testing

      d Database patch testing

      e Symantec storage foundation patch set testing

   ii EASE ticket and gate counter workstation configurations will all associated peripherals. This configuration shall allow for:

      a Installation and configuration of airline software

      b Testing and validation of software upgrades

      c Training area for airline staff

   iii FIDS displays to be used for layout design and to allow on-site staff members to monitor the FIDS in production.

   iv AODB/RMS workstations

   v CUSS Kiosk

5. Installation of the AIMS head-end equipment and all access layer (LAN) components. This will include the installation of hardware and the operating system(s).

6. Installation of the AIMS head-end equipment and all access layer (LAN) components. This will include the installation of hardware and the operating system(s).

7. Performance of Factory Acceptance Testing. Factory Acceptance Testing shall be performed no later than ninety (90) calendar days after successful submittal of the final software specifications. Testing shall

not commence until the testing procedure has been submitted and approved by the County. Factory Acceptance Testing shall be performed on-site at the test lab. DAPP testing will include the LDCS functionality in lieu of individual airline interfaces. CUSS testing will only include those airlines included as part of stage one of the CUSS implementation.

H. Phase Two

1. Phase Two of the implementation process will be the integration of existing EVIDS display devices throughout all terminals, the installation of new AIMS devices within Terminal 4, and the installation of all baggage input devices. The fluid nature of the airport business environment will be reflected in this phase and careful coordination with County, stakeholders and others must be performed to eliminate any disruption to the traveling public. This phase will also include all necessary training that will be required prior to cutting over to the AIMS.

2. Phase Two will also include the successful configuration, testing, and acceptance of all associated software and hardware components for each stage two and three airlines associated with DAPP and CUSS, if these optional services are selected by the County. These airlines are listed in Section 1.6.6 of this Statement of Work.

I. Phase Three

1. Phase Three will consist of performance verification testing, formal cut-over to the AIMS, Endurance Testing, and final project close-out.

1.6 DELIVERABLES

1.6.1 Phase Zero

Item #	Deliverable	Acceptance Criteria
0001	Provide finalized detailed project plan including Project Schedule	Review against specifications
0002	Provide finalized submitted Project Schedule	Review against specifications
0003	Provide acceptance of existing conditions documentation with detailed requirements for any modifications.	County Preliminary Acceptance

1.6.2 Phase One

Item #	Deliverable	Acceptance Criteria
101	Provide Submittals associated with Phase One, including the following:	Review against specifications
101.1	Provide finalized system, equipment, and component submittals	Review against specifications
101.2	Provide finalized products list	Review against specifications and requirements
101.3	Provide finalized system environmental requirements	Review against T4 1B requirements
101.4	Provide finalized Interface Design Documents (IDDs) for each identified interface/integration. For DAPP and CUSS, IDDs are required for stage one airlines only.	Review against specifications
101.5	Provide finalized display formats for each functional display	County Preliminary Acceptance
101.6	Provide finalized database structure and schema documentation	Review against specifications
101.7	Provide finalized set of all software documentation and utilities	Review against specifications
101.8	Provide finalized system administration documentation	Review against specifications
102	Complete County/tenant workshops (as listed) including development, coordination, administration, and documentation	County Preliminary Acceptance
102.1	Complete EVIDS distribution architecture and display driving workshop	County Preliminary Acceptance
102.2	Complete screen formats and displayed information (all system displays) workshops	County Preliminary Acceptance
102.3	Complete tenant gate operational functionality (i.e. boarding sequence, etc.) workshops	County Preliminary Acceptance
102.4	Complete airline functional workshop with all airlines	County Preliminary Acceptance
102.5	Complete airline technical (individual per airline) workshops for all stage one DAPP and CUSS airlines*	County Preliminary Acceptance
102.6	Complete Resource Management System preliminary functionality workshops	County Preliminary Acceptance
102.7	Complete AIMS preliminary reporting requirements workshops	County Preliminary Acceptance
102.8	Complete other workshops as required	County Preliminary

		Acceptance
103	Complete head-end equipment installation (hardware and operating system(s))	Pre-Installation Verification
104	Installation and configuration of test lab	Pre-Installation Verification
105	Complete Factory Acceptance Testing including items listed. Note: FAT for DAPP will demonstrate LDCS functionality in lieu of individual stage one DAPP airline interfaces.* FAT will not include CUSS.	Review against specifications
105.1	Complete CONTRACTOR's Quality Assurance organization review of FAT test procedures	Review against specifications
105.2	Provide finalized FAT test plan/procedures	Review against specifications
105.3	Complete pre-test setup and verification of test configuration	Field Verification
105.4	Conduct and pass all FAT test requirements and verify documentation	Field Verification against FAT test plan (105.1)
105.5	Provide finalized FAT test report	Review against specifications
106	Receive Contract Administrator's written Preliminary Acceptance of Phase One	

*Refer to Section 1.6.5 of this Statement of Work for a listing of airlines associated with each DAPP and CUSS stage

1.6.3 Phase Two

Item #	Deliverable	Acceptance Criteria
201	AIMS configured to accommodate all EVIDS functionality and complete deployment of all components required to support the existing EVIDS and associated infrastructure coordination, including the items listed.	Field Verification
201.1	All inputs to EVIDS through the new AIMS; interface to existing EVIDS (Infax) complete.	Field Verification
201.2	EVIDS Training Complete.	County Preliminary Acceptance
201.3	All existing EVIDS displays driven by new AIMS	Field Verification
201.4	Interface to Infax system complete	Field Verification
201.5	Airline feeds for Delta, Southwest, and American complete	Field Verification
201.6	All screen layouts complete	Review against workshop design

		documents
202	Existing EVIDS in Terminal One cut over to new system.	Field Verification
203	Existing EVIDS in Terminal Two cut over to new system.	Field Verification
204	Existing EVIDS in Terminal Three cut over to new system.	Field Verification
205	Existing EVIDS in Terminal Four cut over to new system.	Field Verification
206	New EVIDS Displays installed, configured, and tested.	Field Verification
207	Configuration of all DAPP Stage One Airlines	Field Verification
208	Configuration of all CUSS Stage One Airlines	Field Verification
209	DAPP Training Complete (Stage One Airlines)	Field Verification
210	Installation, configuration, and testing of DAPP end user devices	Field Verification
211	Installation, configuration, and testing of CUSS stations	Field Verification
212	Installation, configuration, and testing of AODB including third party feed	Field Verification
213	Installation, configuration, and testing of RMS and associated end user devices	Field Verification
214	Provide Deliverables associated with Phase Two including the following:	Review against specifications
214.1	Provide finalized parts lists and breakdowns that identify each hardware component (to the lowest repairable unit) for the AIMS	Review against specifications
214.2	Provide finalized spare parts list for the AIMS	Review against specifications
214.3	Provide finalized as-built drawings for the AIMS	Review against specifications and field verification
214.4	Provide finalized user documentation for the AIMS	Review against specifications
214.5	Provide finalized response escalation plan for the AIMS	Review against specifications
214.6	Provide finalized COTS (common off-the-shelf) software report and license information for the AIMS	Review against specifications and field verification
214.7	Provide finalized maintenance schedule for the AIMS	Review against specifications
214.8	Provide finalized disaster recovery plan for the AIMS	Review against specifications
214.9	Provide required software backup copies for the AIMS	Review against specifications and

		field verification
215	Complete installation of all stage two DAPP airlines, if required	Field Verification
216	Complete installation of all stage three DAPP airlines, if required	Field Verification
217	Complete installation of all stage two CUSS airlines, if required	Field Verification
218	Receive Contract Administrator's written Preliminary Acceptance of Phase Two	

1.6.4 Phase Three

Item #	Deliverable	Acceptance Criteria
301	Complete installation of AIMS and complete individual and joint Testing to ensure proper operation	Field Verification
302	Receive Contract Administrator written permission to proceed with Performance Verification Test	
303	Complete Performance Verification Testing including items listed below	Field Verification
303.1	Complete CONTRACTOR's Quality Assurance organization review of test procedures	Review against specifications
303.2	Provide finalized Performance Verification Testing test plan/procedures	Review against specifications
303.3	Conduct and pass all test requirements	Field Verification against Performance Verification test plan (303.2)
303.4	Provide finalized Performance Verification Testing report	Review against specifications
304	Complete all remaining training	Field Verification
305	Complete correction of all AIMS deficiencies	Field Verification
306	Receive Contract Administrator written permission to proceed with Endurance Testing (Stage One airlines only)*	
307	Complete Endurance Testing including items listed below	Field Verification
307.1	Complete CONTRACTOR's Quality Control Assurance Organization review of test procedures	Review against specifications
307.2	Provide finalized Endurance Testing test plan/procedures	Review against specifications
307.3	Provide personnel to operate and monitor	Field Verification

	AIMS 24 hours 7 days a week throughout testing periods	
307.4	Maintain a continuous log of AIMS' performance during testing periods	Field Verification
307.5	Provide required AIMS maintenance during testing periods	Field Verification
307.6	Conduct Step I Endurance Testing	Field Verification
307.7	Conduct Step II Endurance Testing as required	Field Verification
307.8	Conduct Step III Endurance Testing, if required	Field Verification
307.9	Conduct Step IV Endurance Testing	Field Verification
307.10	Make required modification and adjustments as directed in writing by Contract Administrator	Field Verification
307.11	Complete and pass all phases of Endurance Testing	Field Verification
407.12	Provide finalized Endurance Testing report and log	Review against specifications
308	Complete final project close-out including items listed below	Review against specifications
308.1	Provide a finalized list and cross-reference of all supplied documents	Review against specifications
308.2	Complete work site cleaning as required	Field Verification
308.3	Provide finalized statement of completion of work and request for final inspection	Review against specifications

*Refer to Section 1.6.5 of this Statement of Work for a listing of airlines associated with each DAPP and CUSS stage

1.6.5 Dynamic Assignment Passenger Processing and Common Use Self Service Staging

A. The DAPP and CUSS implementations shall be implemented in a staged manner to accommodate the operational environment at FLL. The airlines associated with each stage of implementation are provided in the tables below. All airlines shall be configured, tested, and accepted prior to Final Acceptance, unless written authorization from the County is obtained.

Table 1.6.5-1: DAPP Staging

Airline	Location	Stage
Air Transat	T4	Stage 1A
American	T4 – Recheck	Stage 1A
Avianca	T4	Stage 1A
Caribbean	T4	Stage 1A
Spirit	T4	Stage 1B

Air Jamaica	T4	Stage 1B
Allegiant		Stage 2 (Optional Service)
Frontier		Stage 2 (Optional Service)
JetBlue		Stage 2 (Optional Service)
Air Canada		Stage 2 (Optional Service)
AirTran		Stage 2 (Optional Service)
Bahamas Air		Stage 2 (Optional Service)
Comair		Stage 2 (Optional Service)
CanJet		Stage 2 (Optional Service)
Continental		Stage 2 (Optional Service)
Continental Connection (Gulfstream)		Stage 2 (Optional Service)
Delta/Delta Connection		Stage 2 (Optional Service)
Northwest/KLM		Stage 2 (Optional Service)
US Airways		Stage 2 (Optional Service)
Air Sunshine	T4 - Commuter	Stage 2 (Optional Service)
Chalks	T4 - Commuter	Stage 2 (Optional Service)
Lynx Air International	T4 - Commuter	Stage 2 (Optional Service)
Yellow Air Taxi	T4 - Commuter	Stage 2 (Optional Service)
Skyservice		Stage 3 (Optional Service)
Southwest		Stage 3 (Optional Service)
Sunwing		Stage 3 (Optional Service)
Westjet		Stage 3 (Optional Service)

Table 1.6.5-2: CUSS Staging

Airline	Stage
American	Stage 1
JetBlue	Stage 1
Air Canada	Stage 1
Continental	Stage 1
Continental Connection (Gulfstream)	Stage 1
Delta/Delta Connection	Stage 1
Northwest/KLM	Stage 1

Air Jamaica	Stage 2 (Optional Service)
Air Transat	Stage 2 (Optional Service)
Avianca	Stage 2 (Optional Service)
Caribbean	Stage 2 (Optional Service)
Comair	Stage 2 (Optional Service)
Spirit	Stage 2 (Optional Service)
Allegiant	Stage 2 (Optional Service)
Frontier	Stage 2 (Optional Service)
AirTran	Stage 2 (Optional Service)
Bahamas Air	Stage 2 (Optional Service)
CanJet	Stage 2 (Optional Service)
Skyservice	Stage 2 (Optional Service)
Southwest	Stage 2 (Optional Service)
Sunwing	Stage 2 (Optional Service)
US Airways	Stage 2 (Optional Service)
Westjet	Stage 2 (Optional Service)
Air Sunshine	Stage 2 (Optional Service)
Chalks	Stage 2 (Optional Service)
Lynx Air International	Stage 2 (Optional Service)
Yellow Air Taxi	Stage 2 (Optional Service)

1.7 PROJECTED IMPLEMENTATION TIME

These preliminary milestones represent projected project dates and are subject to change at the direction of the Contract Administrator.

Milestone	Working Days After NTP
Submittal of detailed project plan	45
Completion of Phase Zero	45
Completion of Phase One	120
Completion of Phase Two	130
Completion of Phase Three	60

2 PROJECT REQUIREMENTS

2.1 PROJECT MANAGEMENT

2.1.1 Project Management Requirements

A. Within 45 calendar days after execution of the Initial NTP, the CONTRACTOR shall develop and submit to the County a detailed draft Project Management Plan (Project Plan or, PMP) addressing all aspects of implementing and accomplishing the services set forth in the Contract Documents. It shall be a comprehensive plan for assisting the County to control, direct, coordinate and evaluate the work performed during each project phase. In developing this plan and its updates, the CONTRACTOR must work closely with the County and the Consultant, and other appropriate firms and individuals involved with the project. Following a County review of the draft PMP, the CONTRACTOR shall incorporate County's comments, and issue a final PMP within 10 calendar days of receipt of County's comments.

B. Contents

The PMP must be detailed and fully describe the project and requirements for executing the work planned for each project phase, and the participating organizations. To achieve desirable uniformity in preparation and use, the plan must include all of the following sections, topics, and data, which will be kept current:

i Project Description/Goals. Known characteristics of the project described in general terms that reflect the requirements of the County, including security clearance requirements.

ii Project Objectives. The County's basic schedule; budget; physical, technical, and other objectives for the project, defined and updated; cost reduction alternatives; quality standards; controls affecting access to and use of proprietary information.

iii Work Statements. A task performance breakout showing coordination among disciplines, and narrative descriptions of the work to be performed by the CONTRACTOR during each Project Phase. The CONTRACTOR will update the work statements as required by the County. This includes initiatives as to who will act when project responsibilities are unfulfilled and/or when other contractors or participants experience delays.

iv Work Flow Chart. A diagram to show the flow of work during each stage of the project. During the construction stage, additional

detailed charts maybe required to accurately convey the flow of information/work.

v Organization Chart. A summary chart showing interrelationships among the CONTRACTOR (including subcontractors), and the County, supporting organizational elements participating in the project. Included shall be a project directory.

vi Duties. All CONTRACTOR staff personnel shown on an organizational chart with their individual duties being fully described. Include lines of authority and communication, daily duties, and avoidance/control of non-complying work.

vii Schedules. Computer generated system and schedules for maintaining the real time status of all project phases. A precedence diagram method network for the entire project will be used. The system must include computer-generated initial and updating major milestone schedules using the Critical Path Method (CPM) for all project activities. The County may require that time divisions be in terms of days and/or weeks. Both controllable and uncontrollable time obligations must be shown, such as submissions made on time and subsequent agency review times. During each project phase, the CONTRACTOR must supplement these schedules with analyses on the impact of delays, and show milestone conflicts, major constraints, adjustments to keep the construction completion dates intact, and decision tracking.

viii Budget/Financial Control. A narrative description of budget/financial control methods during each project phase, cost reporting, and methods to be used for cost containment. Include an estimate of the total project separated in each phase including a breakdown/budget of all proposed services/equipment and materials.

2.1.2 Project Coordination

A. The CONTRACTOR must manipulate information as specified herein. In turn, information may be delivered to the CONTRACTOR and the County in electronic format. For each employee located full time at the site, the CONTRACTOR shall provide its own hardware/computer equipment and software to fully satisfy all operational requirements of the Contract Documents. All associated costs must be included in the established pricing for the Contract Documents as no reimbursement is authorized for such items. The CONTRACTOR's equipment and software must be compatible with the system and software used by the County, including the appropriate version of Microsoft Office, Auto-CAD, and electronic Project management systems.

B. CONTRACTOR shall coordinate with the County at all times.

1. CONTRACTOR shall provide a project directory/contact list, which is a detailed directory of the team and contact points, including (but limited to) company, name, title, address, telephone number, fax number, and email address.

2. CONTRACTOR shall coordinate implementation activities included under the various sections of these specifications to assure efficient and orderly installation of each part of the work.

3. CONTRACTOR shall coordinate installation of different components to assure maximum performance and accessibility for required maintenance, service and repair of all components. The CONTRACTOR shall have sole responsibility to coordinate the work to meet this requirement within the dimensions indicated on the drawings and to notify the County of all conflicts that cannot be accommodated through proper coordination of the installations. CONTRACTOR shall review requirements prior to formal submission of shop drawings and notify the County of any problems affecting serviceability and maintenance.

4. Make adequate provisions to accommodate items scheduled for later installation.

5. Coordinate construction activities to ensure that operations are carried out with consideration given to conservation of energy, water, utilities, and materials.

C. The County may have other contracts in progress at these sites with which this CONTRACTOR may have to coordinate and cooperate during the performance of this work. The County will coordinate this effort as required.

D. The County may award additional separate contracts for additional work to be performed at each site with which this CONTRACTOR may have to coordinate and cooperate during the performance of the work. The County will coordinate this effort as required.

E. Any coordination required of any of CONTRACTOR's subcontractors shall be conducted through the CONTRACTOR.

2.1.3 Project Schedule

A. Within 45 calendar days after the Initial NTP, CONTRACTOR shall submit to the County a schedule for effectively planning and reporting on the status of each project component to ensure completion within the approved schedules. The schedule shall include computer-generated reports and master Critical Path Method (CPM) milestones of all project activities.

B. The schedule shall identify activities, scheduling, and show relationships between activities such as "develop concepts, approve initial and final concepts, completion of design documents, completion of design and similar milestone activities. The level of detail shall be satisfactory to the County and sufficient to identify:

   1. The work components of the project
   2. The types of work and services involved
   3. Design and program development phases of work
   4. Procurement, fabrication, delivery, installation, and testing of major materials and equipment
   5. Access to and availability of work areas
   6. Interfaces and dependencies with other contractors
   7. Manpower, material, and equipment restraints
   8. Startup and testing activities

C. Format for Project Schedule:

   1. Prepare schedules as horizontal bar chart with separate bar for each major portion of work or operation, identifying first workday of each week.
   2. List individual tasks of work in chronological order of the start of each item of work.
   3. Provide space for notations and revisions.
   4. Sheet size shall be a minimum 8-1/2 x 11 inches.
   5. Schedule shall be delivered in hardcopy and electronic format

D. Revisions to Schedules

   1. Indicate progress of each activity to date of submittal and projected completion date of each activity.
   2. Identify activities modified since previous submittal, major changes in scope, and other identifiable changes.
   3. Provide narrative report to define problem areas, anticipated delays, and impact on schedule. Report corrective action taken or proposed and its effect.
   4. Seasonal weather conditions should be considered and included in the planning and scheduling of all work influenced by high or low ambient

temperatures, precipitation and/or saturated soil conditions, to ensure completion of all work within the Contract period. Time extensions granted for abnormal weather are not allowed.

5. The CONTRACTOR is solely responsible for the scheduling of the scope of work. The CONTRACTOR's management personnel shall actively participate in the development of the schedule so that the intended sequences and procedures are clearly understood by the CONTRACTOR's organization. The CONTRACTOR is solely responsible for the costs of fulfilling the requirements.

6. The CONTRACTOR's Project Schedule shall begin on the day after issuance of the Initial NTP and conclude with the date of Final Acceptance. Float or slack time within the schedule is not for the exclusive use or benefit of either the County or the CONTRACTOR, but is jointly owned, expiring project resource available to both parties as needed to meet the Contract Milestones ("Contract Milestones").

E. Three-Week Rolling Schedule

1. The CONTRACTOR shall submit a Three (3) Week Rolling Schedule each week to be used as the basis for discussion of project progress in the weekly CONTRACTOR meetings. The Three (3) Week Rolling Schedule shall represent the actual detailed work plan used by the CONTRACTOR in meeting the Project Schedule and Contract Milestones.

2. The Schedule shall be in bar chart format and reflect the previous week's activity progress as well as a projection of the activities expected to be in progress during the following two-week period. The activities in the Three (3) Week Rolling Schedule shall be in detail than that of the Project Schedule and shall support the activity time frames shown therein.

F. Schedule Revisions and Time Impact Analysis

1. Updating the Project Schedule to reflect actual progress shall not be considered a revision to the schedule. The CONTRACTOR shall complete a "Project Change Control Form" and submit to the County for review of its intent to revise the Project schedule due to one or more of the following conditions:

   i When an event or change order impacts any intermediate milestone dates, or the date of Final Acceptance.

   ii When the CONTRACTOR elects to change any sequence of activities affecting the critical path or significantly changes the previously reviewed Project Schedule.

2. Within fifteen (15) calendar days of notification of an initiating event which impacts the critical path or an intermediate milestone date, the CONTRACTOR shall submit to the County a Time Impact Analysis illustrating the influence of the event on the appropriate intermediate milestone or milestones and/or critical path.

3. The Time Impact Analysis shall be complete in all respects and shall include, as a minimum, a narrative describing the initiating event and how it impacted the Schedule, a critical path analysis, and all supporting documentation.

4. The Time Impact Analysis shall reflect activity duration from the update of the Project Schedule just before the effect of the change. The CONTRACTOR shall compare the status of the Project Schedule as modified by the initiating event with the status of the Project Schedule Update immediately before the initiating event to determine schedule impact. The number of days of schedule impact shall be analyzed, with delay apportioned to the initiating event and/or the CONTRACTOR's own actions.

5. Upon County review and subsequent agreement with the CONTRACTOR on the number of days of schedule impact, the influence of the initiating event shall be incorporated in the next monthly Project Schedule update. Agreement between the County and the CONTRACTOR on the number of days of schedule impact does not imply County concurrence on the number of days of impact, or availability of a Change Order or of any amendment.

6. When agreement has been reached on the number of days to be included in an overall time extension or an extension to an intermediate milestone, the revised Project Schedule with the extensions will become the basis for any future approved changes to the schedule.

7. The CONTRACTOR shall incorporate activities representing the total value of approved Change Orders (i.e., approved pursuant to Article 16 of the Agreement) as each is approved. Change Order activities shall be assigned unique activity codes such that they can be segregated in the Project Schedule.

G. No later than forty-five (45) calendar days after Initial NTP is issued by the County, the CONTRACTOR shall be required to commence the installation process according to the schedule submitted (e.g., order material, site survey, installation).

2.1.4 Reporting

A. Weekly Progress Report

The CONTRACTOR must keep accurate and detailed computerized/written records of progress on the project during all stages and maintain frequent contacts by telephone, site visits, meetings, etc., with all parties involved in the project. CONTRACTOR must submit weekly hard copy/written progress reports to the County including, but not limited to, information concerning the work of the project. Initiatives taken by the CONTRACTOR to preclude delays, percentages of completion, number and amounts of modifications and claims, analyses of the schedule, and other analyses necessary to compare actual performance with planned performance. The CONTRACTOR must use any applicable County forms and procedures.

B. Monthly Report

1. The CONTRACTOR shall submit a Monthly Report with a progress cutoff to be established by the County.

2. The first Monthly Report shall be submitted before payment for the first pay request and shall be a prerequisite for payment for all subsequent pay requests.

3. Before approval of the Project Schedule, the interim Project Schedule shall be updated as the basis of the Monthly Report.

C. The Monthly Report shall consist of the following:

1. Narrative Report - Report shall state the percentage of work completed, a description of the physical progress achieved during the period, plans for the forthcoming period, problem areas and proposed solutions, delaying factors and their impacts, and an explanation of corrective actions taken or proposed.

2. Project Schedule - Updated through the current period to show actual progress against activities in the Project Schedule.

3. Special Reports - Except as otherwise indicated, submit special reports directly to the County within one (1) County Work Day of an occurrence requiring a special report, with copies to others affected by the occurrence.

4. Reporting Unusual Events: When an event of unusual and significant nature occurs at the site, prepare and submit a special report listing chain of events, persons participating, and response by CONTRACTOR's personnel, evaluation of results or effects, and similar pertinent information. When such events are known or predictable in advance, advise County in advance at earliest possible date.

5. Reporting Accidents: Prepare and submit reports of any significant accident at the work site to the County Project Manager. Record and document data and actions; comply with industry standards. For this purpose, a significant accident is defined to include events where personal injury is sustained, property loss of substance is sustained, or where the event posed a significant threat of loss or personal injury.

6. Monitor and enter all Change Orders on the CPM data files. Analyze the effects of all Change Orders entailing time delays and their impacts on the construction schedules. Make periodic reports when and as required by the County. These reports must include the compatible CPM schedule; all Change Orders issued to that point in time, and narratives addressing cause and effect relationships.

7. The CONTRACTOR shall assist the County in monitoring the budget by maintaining budget records and reporting on the status of the budget in the CONTRACTOR's monthly progress reports. The monthly report includes design, programming, all other software and hardware costs, and related administrative costs in a format that includes actual obligations and projected obligations against available funds. The County shall specify the specific content and format for budget reporting for each phase of the project. The CONTRACTOR shall monitor the status of the budget continuously, advising the County of observed shortfalls or potential shortfalls.

8. The CONTRACTOR shall maintain current quality control records, on County approved forms, of all inspections and tests performed. These records shall include factual evidence that the required inspections or tests have been performed, including: precise location of test or inspection made, type and number of inspections or tests involved; results of inspections or tests; nature of defects, causes for rejection, etc.; proposed remedial action; and corrective actions taken.

9. These records must cover both conforming and defective or deficient features, and must include a statement that all supplies and materials incorporated in the work are in full compliance with the terms of the Contract Documents. Legible copies of these records must be furnished to the County daily. The records shall cover all work placed subsequent to the previously furnished records and shall be verified by the CONTRACTOR’s Quality Control Supervisor. The CONTRACTOR shall document inspection and tests as specified in the technical provisions of the specifications. These records shall be available for review by the County throughout the duration of the Contract.

D. Record Maintenance

1. Weekly Quality Control Summary Reports: The CONTRACTOR’s Quality Control Supervisor shall submit signed Weekly Quality Control

Summary Reports to the County. These reports shall address both project progress and project quality control activity:

2. Project Progress: shall identify CONTRACTOR personnel on site, equipment on site, idle equipment and personnel, material deliveries, weather conditions, work accomplished and any other additional information as specified.

3. Project Quality Control Activity: shall summarize inspection and testing activity including: meetings; preparatory, initial and follow-up inspections, Quality Control problems encountered or resolved; failing test results received or corrected; and other significant events impacting project quality or Contract Documents compliance.

4. Inspector's Reports and Test Reports shall be attached to the Quality Control Summary Report. Quality Control Summary Reports shall include the following, or similar, certification:

   i On behalf of (Name of CONTRACTOR), I certify that this report and the Inspector's Daily Reports are complete and correct, and that all materials and equipment used, and work performed, during this reporting period are in compliance with the drawings, specifications and Contract Documents provisions, except as noted in the Inspector's Reports.

5. Inspector's Daily Reports: Each inspector shall maintain a daily log of all inspections he/she performs for both CONTRACTOR and subcontractor operations on the appropriate County form. These Inspector's Daily Reports shall provide factual evidence that continuous quality control inspections and tests have been performed including, but not limited to, the following: compliance with approved shop drawings, proper storage of materials and equipment, job safety, and computations employed in the work.

6. The Inspector's Daily Reports shall identify: inspection and tests conducted, results of inspections and tests, location and nature of defects found, causes for rejection, and remedial or corrective actions taken or proposed.

7. The original and one copy each of Weekly Progress Report and the Inspectors' Daily Reports shall be provided to the County by noon of the Monday (or next County Work Day) following the week of record.

8. Testing Control Log: The CONTRACTOR shall maintain a log to record and track each test performed. The log shall indicate date of test, test designation or type, location, specification test-result requirements, initial test results, causes for failing test, recommended remedial actions, and reference to subsequent re-tests and their results.

9. Punch-List: The CONTRACTOR shall maintain a continuous log, or "rolling punch-list," to record and track all inspections and tests, which remain "open" or uncorrected at the close of each workday or shift. The log shall number each item in successive, chronological order and shall briefly describe the nature and location of the work, the nature of the inspection or test, cause(s) for rejection, corrective action(s) recommended, identity of inspector or technician, date the item was corrected, and identity of inspector or technician who verified the corrective action.

10. Sign-Off Sheets: The CONTRACTOR will be responsible for establishing a system of sign-off sheets certifying that all work required prior to the construction or start-up of critical work elements has been constructed and installed in accordance with the plans and specifications. Critical work elements are defined as:

    i Work activities concealing any feature of the work from subsequent inspection, for example: paving, concrete placement, spray fireproofing, installation of suspended ceilings.

    ii Start-up activities potentially damaging to work in place (i.e., energizing transformers and switchgear, bumping motors).

11. Sign-off sheets shall be initialed by each inspector responsible for insuring the quality of the work and signed by the CONTRACTOR's Quality Control Supervisor.

12. CONTRACTOR shall provide a copy of the completed sign-off sheet to the County prior to performing each critical work element.

2.1.5 Meetings

A. Pre-Implementation Conference

1. The County will schedule a Pre-Implementation Conference during Phase Zero.

2. The purpose of the Pre-Implementation Conference is to review responsibilities and understand CONTRACTOR's personnel assignments.

3. The Pre-Implementation Conference shall be chaired by the County's Project Manager.

4. Authorized representatives of the County, the Consultant, the CONTRACTOR, and other concerned parties shall each be at the Pre-Implementation Conference. All attendees shall be persons familiar with and authorized to conclude matters relating to the work.

5. The Pre-Implementation Conference agenda will be set by the County.

6. The following submittals shall be provided by the CONTRACTOR at the Pre-Implementation Conference: emergency contingency plan, CONTRACTOR's emergency contact numbers, notifications to be sent to the County and other entities at the work site, copies of notification to all appropriate agencies, proposed schedule of work, proposed schedule of shop drawings and sample submittals, with delivery times for associated equipment and materials, and letter designating CONTRACTOR's competent person on general safety and security measures.

B. Pre-Installation Conference

1. The CONTRACTOR will call a Pre-Installation Conference, with at least five (5) calendar days' notice to the County.

2. The Pre-Installation Conference is conducted at the site before work activity commences.

3. The purpose of the Pre-Installation Conference is to ensure final coordination with the County and with other Airport projects.

4. The Pre-Installation Conference shall be chaired by the County's Project Manager.

5. Authorized representatives of the County, the Consultant, the CONTRACTOR, and other concerned parties shall each be at the Pre-Installation Conference. All attendees shall be persons familiar with and authorized to conclude matters relating to the work.

6. The Pre-Installation Conference agenda will be set by the County. Items to be covered shall include a review of the progress of other activities and preparations for the work performed under this project.

7. CONTRACTOR shall record significant discussions and agreements and disagreements, along with any changes to the County-approved schedule and shall distribute the record of the meeting to everyone concerned, including the County.

8. CONTRACTOR shall not proceed if the Pre-Installation Conference cannot be successfully concluded. CONTRACTOR shall initiate whatever actions are necessary to resolve impediments to performance of work and reconvene the Pre-Installation Conference at the earliest feasible date.

C. Preparatory Inspection Meetings

1. CONTRACTOR shall call for a preparatory inspection meeting at least one week prior to beginning work on each new element of work, including all items, which have been identified in this Statement of

Work as requiring testing, and inspection or which has code-required special inspections.

2. This meeting shall be conducted by the CONTRACTOR's Quality Control Supervisor and shall be attended by other CONTRACTOR'S staff and subcontractors as required, the County's Project Manager, and other County personnel and consultants, as required. Refer to the Quality Control section of this document for further information.

D. Weekly Progress Meetings

1. The County shall set and conduct weekly Progress Meetings at a location designated by the County.

2. In addition to the County Project Manager, the CONTRACTOR's Project Manager, plus representatives of subcontractors, suppliers, consultants, and other entities, as required, concerned with current progress or involved in planning, coordination or performance of future activities shall be at these meetings. These individuals shall be familiar with the project and authorized to conclude matters relating to progress.

3. Review and correct or approve minutes made by the County of the previous Progress Meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to the status of the project.

4. Review the schedule for progress since the last meeting. Determine where each activity is in relation to the schedule, whether on time, ahead or behind schedule. Determine how tasks behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract time.

5. Review the present and future needs of each entity present.

6. No later than three (3) County Work Days after each progress meeting date, the CONTRACTOR shall distribute copies of minutes of the meeting to each party present and to other concerned parties who were not present. Included will be a brief summary, in narrative form, of progress since the previous meeting. Such minutes shall be reviewed and commented on by the all of the meeting attendees within two (2) County Work Days. The comments are to be incorporated by the CONTRACTOR and then the meeting minutes shall be distributed to the meeting attendees in their final form.

7. Revise the County-approved CONTRACTOR's schedule after each Progress Meeting where revisions to the schedule have been made or

recognized. Issue the revised schedule concurrently with the minutes of each Progress Meeting.

E. Coordination Meetings

1. From time to time, there may be need of either the County or the CONTRACTOR to call for a Coordination Meeting.
2. Coordination Meetings may be required by either of the parties.
3. Attendees shall as determined by the County and/or CONTRACTOR.
4. The meeting agenda shall be determined by the County and/or CONTRACTOR.
5. No later than three (3) County Work Days after each Coordination Meeting, the County or CONTRACTOR shall distribute minutes of the meeting to each party present and to other parties as considered appropriate. Included will be a brief summary, in narrative form, of the meeting. The minutes will be reviewed and commented on by the all of the meeting attendees within two (2) County Work Days. The comments are to be incorporated by the CONTRACTOR and then the meeting minutes shall be distributed to the meeting attendees in their final form.

2.1.6 Use Of Premises

A. General Information

1. CONTRACTOR shall use the delivery route and staging area identified by County.
2. Portions of the Airport beyond the work areas of this project are not to be disturbed. CONTRACTOR shall conform to site rules and regulations affecting the work while engaged in the project.
3. CONTRACTOR shall keep existing driveways, roads and entrances serving the premises clear and available to traffic at all times. These areas are not to be used for CONTRACTOR vehicle parking or storage of material.
4. CONTRACTOR shall take all precautions necessary to protect premise buildings, premise occupants, and personnel from injury or damage.
5. The staging areas to be used by the CONTRACTOR on-Airport shall be as specified by the County. Additional staging area/storage space needs to be coordinated with the County on an as-needed basis.
6. CONTRACTOR shall establish and initiate use of temporary facilities at the time first required for proper performance of the work.

CONTRACTOR shall terminate use and remove facilities at earliest reasonable time, or when no longer needed.

7. CONTRACTOR shall provide, operate, maintain and protect temporary facilities in a manner that is safe, non-hazardous, sanitary and protective of persons and property, and free of deleterious effects. Maintenance includes CONTRACTOR furnishing all required janitorial, waste collection and disposal services.

8. CONTRACTOR shall surround the staging area with fencing and other means necessary protect CONTRACTOR's and County's property

2.1.7 Safety/Security

A. CONTRACTOR is responsible for protecting the integrity of work areas to protect CONTRACTOR's operations from theft, vandalism, and unauthorized entry. The use of any security guards shall be coordinated with the County.

B. CONTRACTOR shall initiate a security program in coordination with the County's existing overall security program at project mobilization.

C. CONTRACTOR shall maintain the security program until Final Acceptance.

D. CONTRACTOR shall restrict entrance of unauthorized persons and vehicles into the construction area and existing facilities.

E. CONTRACTOR shall allow entrance only to County approved and CONTRACTOR authorized persons.

F. CONTRACTOR shall maintain a log of workers and visitors under its control. CONTRACTOR shall make the log available to the County on request.

G. CONTRACTOR shall coordinate access of County's personnel to the site in coordination with County's security forces.

H. CONTRACTOR shall comply with the provisions of Attachment II, Provisions Pertaining to Airport Projects, which is attached to the Contract Documents and made a part hereof.

2.1.8 Cleaning

A. The CONTRACTOR shall, at all times, keep the site free from accumulations of waste material or rubbish caused by its employees or work. Remove all crates, cartons, and other waste materials or trash from the working areas at the end of each working day. All rubbish and debris,

combustible or not, shall be discarded in covered metal containers daily and removed from the premises at least weekly and legally disposed of at the expense of the CONTRACTOR.

B. The CONTRACTOR shall be responsible for the general cleaning and maintenance of the premises and for the coordination and direction of the cleanup work of its employees.

2.2 SUBMITTAL PROCESS - SUBSTITUTIONS

A. In requesting substitutions, the CONTRACTOR shall prepare an exceptions, substitutions and product options form, with the following data provided on the form:

   i Number of Copies Provided

   ii Product/Fabrication/or Installation Originally Specified

   iii Specification Section

   iv Drawing Number

   v Product/Fabrication/or Installation Proposed Product

B. CONTACTOR shall provide complete product data, drawings and description of products, and fabrication and installation procedures.

C. CONTRACTOR shall provide samples where applicable or requested.

D. CONTRACTOR shall provide a detailed comparison of the quality assurance and performance requirements of the proposed substitution with those of the work originally specified. Requirements shall include elements such as size, weight, durability, performance, and visual effect where applicable.

E. CONTRACTOR shall provide complete coordination information, including all changes required in other elements of the project to accommodate the substitution, including products installed by the County and separate contractors.

   1. CONTRACTOR shall provide a statement indicating the effect the substitution will have on the project schedule in comparison to the schedule without approval of the proposed substitution, including information regarding the effect of the proposed substitution on the Contract time.

F. CONTRACTOR shall provide complete cost information, including a proposal of the net change, if any, in the Contract amount.

G. CONTRACTOR shall provide certification to the County that, in CONTRACTOR's opinion, after thorough evaluation, the proposed

substitution shall result in a product that in every significant respect is equal to or better than the product required by the County's Request for Proposal, and that it will perform as well or better in the application indicated. This certification shall include CONTRACTOR's waiver of rights to any additional payment or Contract time as a result of any failure of the substitution to perform adequately. Such waiver shall be in form and substance satisfactory to the County's Office of County Attorney.

2.3 QUALITY CONTROL PROGRAM

2.3.1 General

A. In addition to the requirements set forth, CONTRACTOR will comply with the County's Building Code and the Uniform Building Code to the extent not in conflict with the County's Building Code. CONTRACTOR shall perform and document all inspections, tests, and other activities listed in the Contract Documents. CONTRACTOR's quality control services shall include inspections and tests and related requirements including administration, management, supervision, reports, record keeping, or other services.

B. CONTRACTOR's quality control services do not include quality monitoring or Contract enforcement activities performed by the County.

C. Quality control activities as described in the specifications shall be provided by the CONTRACTOR unless specifically stated to be provided by the County.

D. Quality control services are required to verify compliance with requirements specified or indicated. These services do not relieve the CONTRACTOR of responsibility for compliance with the Contract Documents.

E. Specific quality control requirements for individual construction, fabrication and procurement activities are as included in the Contract Documents.

F. The quality control services described herein are a minimum and not intended to limit the CONTRACTOR's quality control activities which may be necessary to achieve full compliance with the Contract Documents.

G. The provisions of the Contract Documents do not limit requirements for the CONTRACTOR to provide quality control services or other inspections for the County or other agencies having jurisdiction over the work.

H. A Quality Control Supervisor whose sole responsibility is to ensure compliance with the Contract Documents is to be included in the Quality Control Program. This person is to be assisted by other quality control staff as warranted by specific construction activities and workload.

2.3.2 Description of Quality Control Program

A. CONTRACTOR shall provide full and complete documentation of all quality control activities including: the Quality Control Plan, Detailed Quality Control Procedures, Progress Reports, Inspection Reports and Inspection Control Log, Deficiency Log, Weekly Deficiency Reports, Test Reports, Sign-Off Sheets, Quality Awareness and Training Records, and project record documents. Copies of this documentation are to be provided to the County in both hard copy and electronic format.

B. CONTRACTOR shall establish a Quality Control Program to perform inspection and tests of all items of work, including that of its subcontractors. This Quality Control Program shall ensure conformance to applicable specifications and drawings with respect to the materials, codes, workmanship, construction, finish, functional performance, and identification. This Quality Control Program shall be established for all implementation work performed under the Contract Documents. The CONTRACTOR's Quality Control Program shall specifically include surveillance and tests of equal or better detail as those provided in the CONTRACTOR's Response to RFP No. 20070514-0-AV-01, dated August 14, 2007.

C. The CONTRACTOR shall describe the Quality Control Program in a detailed Quality Control Plan that must be approved by the County prior to the start of the Pre-Installation Conference.

The CONTRACTOR's Quality Control Program is the means by which the CONTRACTOR assures the County that its work complies with the requirements of applicable laws, codes, Contract drawings, and specifications. The controls established by the Quality Control Program shall be adequate to cover all operations, including both on-site and off-site activities and shall be tied to the Phasing Plan. The controls shall include, at a minimum, at least three phases of inspection for all definable features of work at the Airport site, as required in Section 2.3.3 of this Statement of Work. The CONTRACTOR shall notify the County at least 24 hours in advance of every inspection in 2.3.3. All preparatory, initial, and follow-up inspections shall be made a matter of record in the CONTRACTOR's quality control documentation.

2.3.3 Inspections

A. Preparatory Inspection Meetings - CONTRACTOR shall perform a preparatory inspection meeting at least one week prior to beginning work on each new element of work, including all items which have been identified in the specifications as requiring testing and inspection or which has code-required special inspections. These meetings shall be conducted by the CONTRACTOR's Quality Control Supervisor and shall

be attended by the personnel who will perform the work and a representative of the County. Each preparatory inspection meeting shall include:

1. A review of the project requirements, including applicable code requirements. The purpose is to make sure the people actually doing the work clearly understand the level of quality required.
2. A check to assure that all materials and equipment have been tested, submitted and approved.
3. A check to assure that provisions to provide required control testing have been made.
4. Examination of the work area to ascertain that all preliminary work has been completed.
5. A physical examination of materials and equipment to assure that they conform to approved shop drawings or submittal data and that all materials and equipment are on hand and properly stored.

B. Initial Inspections - CONTRACTOR shall perform an initial inspection as soon as a representative portion of the particular feature of work is started and such inspection shall include:

1. An examination of the quality of workmanship.
2. A review of control testing for compliance with Contract requirements.
3. An inspection to make sure there is no use of defective or damaged materials, omissions and dimensional requirements.

C. Follow-up Inspections - CONTRACTOR shall perform daily follow-up inspections to assure continuing compliance with Contract requirements, including control testing, until completion of the particular feature of work.

2.3.4 Quality Control Plan - The CONTRACTOR shall furnish a Quality Control Plan to the County prior to the Pre-Installation Conference. The Quality Control Plan shall be updated as required. The Quality Control Plan shall include the personnel, procedures, instructions and records to be used. The Quality Control Plan shall include as a minimum:

A. Organization - A description of the CONTRACTOR's Quality Control Organization, including: An organization chart showing lines of authority and relationship of the Quality Control Organization to other CONTRACTOR management and project personnel; names and qualifications of personnel in the Quality Control Organization; area of responsibility; and authority of each individual in the Quality Control Organization.

B. Inspection - Methods of performing quality control inspections including those for each subcontractor's work,

C. Testing- Description of how testing will be performed, including detailed lists of testing activities for each specification section.

D. Documentation - Method of documenting quality control operations, inspection and testing.

E. Administration - Methods of administering quality control operations, inspection and testing.

F. Quality Awareness and Training - Method of implementing the Quality Awareness and Training Program including making subcontractors and suppliers aware of the importance of quality control.

G. Letter of Authority - A copy of a letter of direction to the CONTRACTOR's Quality Supervisor outlining its duties and responsibilities and signed by a responsible officer of the firm. This letter shall include the authority to halt construction, reject materials, and to direct removal and replacement of work not in compliance with the Contract Documents.

H. Forms -Sample copies of all forms and reports to be used, a flow chart describing their distribution, and identification of those documents to be retained by the CONTRACTOR.

I. Schedule - A test and inspection schedule organized sequentially by technical specification section and keyed to the construction schedule.

J. Submittals - CONTRACTOR shall submit the following to the County as part of the Quality Control Plan:

    1. The procedures to be used for scheduling, managing and reviewing all submittals (shop drawings, calculations, samples, catalogue cuts, certificates, manuals, etc.) including those of subcontractors, off-site fabricators, suppliers and purchasing agents.

    2. A matrix defining distribution requirements for all submittals required by the Contract Documents.

    3. A submittal status log listing all submittals required by the Contract Documents, including the scheduled submittal date and the person and/or organization responsible for each submittal.

K. Subcontractors' Quality Control - The CONTRACTOR shall include, as part of its Quality Control Plan, specific methods of performing quality control inspections of his on-site and off-site subcontractors.

2.3.5 Quality Control Procedures - This is a detailed description of quality control activities for work under each section of the specifications. It includes a list of all tests, inspections and frequencies, personnel, instructions, checklists, procedures, and records. CONTRACTOR shall submit descriptions at least 30 calendar days before starting such work.

A. Before the CONTRACTOR's Quality Control Plan is submitted, the CONTRACTOR shall meet with the County and discuss the CONTRACTOR's Quality Control Plan. The meeting shall develop a mutual understanding of the details of the plan, including the forms to be used for recording the quality control operations, inspections, administration of the plan for both on-site and off-site work, and the interrelationship of CONTRACTOR and County inspections. The CONTRACTOR shall prepare minutes of the meeting which shall be incorporated in the CONTRACTOR's Quality Control Plan.

B. Unless specifically authorized by the County, no construction or off-site fabrication shall be started until the CONTRACTOR's entire Quality Control Plan is approved. Construction of any feature of the work will only be permitted after approval of the Quality Control Plan, or at least approval of that portion of the plan applicable to the specific feature of the work. At the election of the County, no request for payment will be processed until the entire Quality Control Plan has been approved.

C. If the County determines that the Quality Control Plan, personnel, inspections, tests, or records are not adequate, corrective actions shall be taken immediately as appropriate to cure the problem.

D. The CONTRACTOR shall notify the County in writing of any proposed change to the CONTRACTOR's Quality Control Plan; no such change shall be implemented prior to approval in writing by the County.

E. Implementation of the Quality Control Plan is the responsibility of the CONTRACTOR. This implementation will be closely monitored by the County and deficiencies therein will be corrected by or at the expense of the CONTRACTOR.

2.3.6 Requirements and Standards

A. All Hardware, Equipment, Software, Goods, firmware, and operating system requirements stated in the Contract Documents are the minimum requirements. The CONTRACTOR's product shall meet or exceed such requirements.

B. Equipment and materials shall be standard products of manufacturer(s) regularly engaged in the manufacture of Equipment specified herein and shall be the manufacturer's latest standard design.

C. Provided Goods shall meet the following requirements:

1. Electrically powered Equipment shall be UL approved.

2. Electronic Equipment shall meet the requirements of CFR 47 Part 15.

D. Items of the same classification shall be identical. This requirement Includes equipment, modules, assemblies, parts, and components.

E. All similar types of personal computers and servers shall be of the same manufacturer.

F. All similar types of peripherals shall be of the same manufacturer.

2.3.7 Monitoring By the County

A. The County will perform a Quality Monitoring role, closely monitoring performance of the CONTRACTOR's Quality Control Program as to its effectiveness. The basic measure of effectiveness is that the work is performed correctly the first time. Secondarily, if a problem does occur, must be immediately taken by the CONTRACTOR to correct the problem and to make sure it will not occur again.

B. The County inspectors will spot-check construction primarily for determine whether the CONTRACTOR's Quality Control Program is functioning. County inspection does not supplement CONTRACTOR inspection. County testing is independent of CONTRACTOR testing and does not replace or complement CONTRACTOR Quality Control Testing.

C. All items of materials and Equipment shall be subject to quality control surveillance by the County at the point of production, manufacture or shipment to determine if the producer, manufacturer or shipper maintains an adequate inspection system which insures conformance to the applicable specifications and drawings with respect to materials, workmanship, construction, finish, functional performance and identification. In addition, all items of materials, equipment and work in place shall be subject to surveillance by the County at the site for the same purposes. Surveillance by the County does not relieve the CONTRACTOR of performing quality control inspections of either on-site or off-site CONTRACTOR's or subcontractor's work, relieve CONTRACTOR of any of the requirements imposed on CONTRACTOR by the Contract Documents.

D. Upon determination by the County that an item will require surveillance by the County at the point of production, manufacture or shipment, the CONTRACTOR will be notified in writing of such determination. The CONTRACTOR shall furnish to the County three (3) copies of all purchase orders, for all tiers of subcontractors or suppliers for each such item. Also,

copies of documented quality control operations, inspections and tests shall be made available to the County at the points of production, manufacture and/or shipment.

2.4 PROJECT CLOSEOUT

2.4.1 Contract Closeout Procedures

A. "Contract Closeout" is defined to include general requirements near end of Contract time in preparation for Final Acceptance.

B. CONTRACTOR shall submit record drawings and project manual for County's review a minimum of 30 calendar days prior to Final Acceptance. Reviewed documents will be returned to CONTRACTOR should additional information or revisions be required. All completed record documents shall be turned over to the County prior to Final Acceptance.

C. CONTRACTOR shall submit written certification that work has been inspected and is complete in accordance with the Contract Documents and is ready for final inspection.

D. CONTRACTOR shall provide all required deliverables and submittals to the County.

E. CONTRACTOR shall deliver written guarantees and warranties prepared in duplicate, and certificates of inspection to the County for its review and delivery to County's records.

F. CONTRACTOR shall demonstrate to the County the operation and maintenance requirements.

G. CONTRACTOR shall turn over to the County all COUNTY-issued identification media, including but not limited to Airport vehicle passes, personal passes, SIDA media, and other identification.

H. CONTRACTOR shall submit one (1) full set of all required deliverables.

2.4.2 Final Cleaning and Adjusting. Prior to Final Acceptance, CONTRACTOR shall satisfy the following requirements:

A. General cleaning during progress of work is specified elsewhere. Provide final cleaning of the work consisting of cleaning the work and staging areas to normal "clean" condition, which allows use of the work, installed without additional cleaning. The following are examples, but not by way of limitation, of cleaning levels required:

1. Clean work and staging areas of litter and foreign objects/substances. Sweep paved areas to a broom-clean condition.

2. Remove pavement stains and other foreign deposits.

B. CONTRACTOR shall clean and remove from site all surplus and discarded materials, temporary security fencing, and debris of every kind. CONTRACTOR shall leave site of the work in a neat and orderly condition. Surplus and waste materials shall be removed from the site of the work. Waste and debris shall be disposed of in an approved disposal area off-Airport satisfactory to the County.

C. CONTRACTOR shall remove temporary labels, stains, and foreign substances from all installed materials.

D. Except as otherwise indicated or requested by the County, CONTRACTOR shall remove temporary protecting devices and facilities installed during the course of the work.

E. CONTRACTOR shall comply with safety standards and governing regulations for cleaning operations. CONTRACTOR shall not burn waste materials at site, or bury debris or excess materials on the County's property, or discharge volatile or other harmful or dangerous materials into drainage systems. CONTRACTOR shall remove waste materials from site and dispose of in a lawful manner at the expense of the CONTRACTOR.

2.4.3 Project Record Documents

A. CONTRACTOR will provide record documentation to the County at the completion of each phased installation and prior to Final Acceptance. To ensure that this submittal reflects proper record keeping by the CONTRACTOR during the course of the work, CONTRACTOR shall maintain on-site one (1) set of the Contract drawings, specifications, addenda, change orders and other modifications to the Contract Documents, and reviewed shop drawings and product data.

B. CONTRACTOR shall legibly mark and record at each specification section a description of actual products installed, including the manufacturer's name and product model number, product substitutions or alternates approved and utilized, and changes made by Change Orders or Contract amendments.

C. CONTRACTOR shall legibly mark record documents and shop drawings to record actual construction including communication conduit, cabling and pathways used, field changes of dimensions and detail, changes in details from those indicated on drawings, details not on original Contract drawings, and provide make and model of actual product installed.

D. CONTRACTOR shall mark whichever drawing is most appropriate to showing "field" conditions fully and accurately. If necessary,

CONTRACTOR shall provide scaled drawings of modifications and give particular attention to concealed work, which would be difficult to measure and record at a later date. CONTRACTOR shall note related change order numbers where applicable. CONTRACTOR shall organize record drawing sheets into manageable sets, and print suitable titles, dates, name of subcontractor, name and signature of job superintendent, and other identification on cover of each set.

E. CONTRACTOR shall provide to the County at each stage of the phased installation and prior to Final Acceptance the above records including “Record Drawings” and all “As-Built Drawings."

2.5 Personnel for Project - The CONTRACTOR shall provide secretarial, clerical, administrative, technical, and professional personnel as required to perform the work specified for all project phases. The CONTRACTOR shall provide a dedicated, stable, and technically qualified staff to maintain continuity in the level of services. The people named in **Exhibit G to the** System Agreement shall actually perform the work required by the Contract Documents. Requests for substitutions in the original staffing proposed, evaluated, and accepted are undesirable and will be stringently reviewed. If possible, the CONTRACTOR shall submit requests for any Key Staff substitutions in writing to the County 30 calendar days in advance of the expected date of substitution. The CONTRACTOR is not allowed to make any Key Staff substitutions without receiving subsequent written authorization from the County. In addition to the provisions of this Section 2.5, all applicable provisions of the System Agreement shall apply, including without limitation, Sections 20.5 and 20.12 of the System Agreement.

A. Special Personnel Qualifications - Personnel possessing unique technical specialties may be required for supplementary services related to the scope of regular services. Such personnel shall have qualifications as required and approved by the County which are appropriate to the nature of the services that will be provided.

3 TECHNICAL REQUIREMENTS

3.1 TECHNICAL OVERVIEW

3.1.1 Integration Requirements

A. The CONTRACTOR shall be responsible for performing all data level systems integration and interfaces for the EVIDS, RMS, DAPP, CUSS, LDCS and other identified systems as depicted on drawing T-DG-001.

B. The CONTRACTOR shall be responsible for the development of Interface Design Documents as follows:

1. The Interface Design Document (IDD) shall be developed for each interface and shall provide the functional and technical descriptions and guidelines for the required data, hardware, transport, protocol, and software configurations for each interface.

2. Each IDD shall include the following sections: general characteristics, general architecture, functional characteristics, data formats (as applicable), translation tables (as applicable), transport definition, physical characteristics, and required Hardware/Software configuration items.

3. Each IDD shall be submitted for review and approval by the County in accordance with the overall submittal schedule.

3.2 GENERAL REQUIREMENTS - The Contractor shall comply with the requirements set forth in this Section 3.2.

3.2.1 References

A. The publications listed below form a portion of this specification. The publications are referred to in the text by basic designation only.

B. All specific references in the specifications to codes, rules, regulations, standards, manufacturer's instructions, or requirements of regulatory agencies shall mean the latest edition in print of each that is in effect at the date of Contract, unless the document is shown dated.

C. Conflicts:

1. Conflicts between referenced requirements: Comply with the one which establishes the more stringent requirements.

2. Conflicts between referenced requirements and Contract Documents: Comply with the one which establishes the more stringent requirements.

3. When conflicts arise, County Project Manager shall have the final determination as to which document should be adhered to.

D. CONTRACTOR shall comply with the Broward County Aviation Department (BCAD) Communications Policy, latest revision.

E. General References - the CONTRACTOR shall comply with the following:

1. Telecommunication Industry Association / Electronic Industries Association (TIA / EIA) 568A – Commercial Building Telecommunications Wiring Standards
2. ANSI / TIA / EIA 607 – Commercial Building Grounding and Bonding Requirements
3. Underwriters Laboratory (UL®) Cable Certification and Follow-Up Program
4. National Electrical Manufacturers Association (NEMA)
5. American Society for Testing Materials (ASTM)
6. National Electric Code (NEC®)
7. UL Testing Bulletin
8. Institute of Electrical and Electronics Engineers
9. Americans with Disabilities Act (ADA) and County ADA standards.
10. Federal Communications Commission (FCC):
    i 49 CFR Part 18 - Transportation: Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.
    ii 49 CFR Part 19 - Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations
11. Section 508 of the Rehabilitation Act, including, but not limited to the following subsections:
    i The full text of Section 508 is available on www.section508.gov
    ii Section 1194.21 Software applications and operating systems.
    iii Section 1194.22 Web-based intranet and internet information and applications.
    iv Section 1194.23 Telecommunications products.
    v Section 1194.25 Self-contained, closed products.
    vi 1194.31 Functional performance criteria.

12. Part 1193 of the Telecommunications Act Accessibility Guidelines:
    i www.access-board.gov/telecomm/html/telfinl2.htm#21
13. International Organization For Standardization (ISO):
    i ISO 9001; Quality Assurance in Design/Development, Production, Installation, and Servicing
    ii ISO 9003; Quality Assurance in Final Inspection and Test
    iii ISO 9004; Quality Management and Quality System Elements Guidelines
14. International Air Transport Association (IATA):
    i IATA RP 1706c; Common Use Self-Service (CUSS)
    ii IATA PDF417 2D Bar Code Standard (once established)
15. Software Standards:
    i J2EE™, CORBA®, XML, and SOAP (latest version of software standards at time of first product submittal).

3.2.2 Contractor Submittals

A. All submittals are subject to County approval. Contract submittals shall be submitted for one round of review and comment by the County. The CONTRACTOR shall be responsible for incorporating all comments and resubmitting. If a revised submittal is rejected by the County, additional review and comment of the submittal shall be conducted by the County at the CONTRACTOR's expense.

B. The delivery dates of submittals will be negotiated unless specified herein. The CONTRACTOR shall supply any submittal within five (5) County Work Days if requested by the County.

C. The CONTRACTOR shall provide the following submittals in addition to those already required throughout the document:

1. Submittal Schedule
2. Detailed Project Schedule as described in Section 2.1.3.
3. System Environmental Requirements: Provide the environmental specifications for each system component that will be located in an Airport communications room. This information shall include heat load documentation, electrical requirements, equipment dimensions and weight, and any special requirements or limitations of each system component.

4. Acceptance of existing conditions statement: Provide written documentation that confirms the existing infrastructure, systems, software, and components that are to be utilized by, or integrated with the new AIMS are acceptable. If upgrades, enhancements, or other modifications are required, provide detailed information pertaining to the specific changes that are required for the AIMS to function as specified.

5. Proposed Products List: Include name of manufacturer, trade name, model number, related section number, specification paragraph numbers, and reference standards for each listed product.

6. Interface Design Documents (IDD) for each identified interface/integration.

7. System Drawings: The CONTRACTOR shall submit drawings that clearly illustrate the proposed system(s) architecture and show the normal flow of data throughout the system(s).

8. Head-end Configuration: The CONTRACTOR shall submit drawings and documentation clearly indicating the AIMS head-end and server configuration. Configuration details shall include rack layout, server hardware and software configuration, and storage area network configuration.

9. System Administration Documentation: The CONTRACTOR shall supply system administration documentation that details the operation of all the AIMS. This documentation shall provide complete information on the operation, maintenance, and trouble-shooting of the systems and shall include a parts list and sources of supply for parts. The manuals are to be bound in three ring or spiral binders with a table of contents and a tab for each section or division. The information included in this documentation shall be covered during system training provided by the CONTRACTOR. In addition, electronic copies in a County approved format, shall be provided.

10. User Documentation: The CONTRACTOR shall supply user documentation that explains how the system(s) operates from a user perspective. This documentation shall be in accordance with and contain at least as much information as that included within the system(s) online help system. The manuals are to be bound in three ring or spiral binders with a table of contents and a tab for each section or division. The information included in this documentation shall be covered during system training provided by the CONTRACTOR. In addition, electronic copies in a County approved format, shall be provided.

11. As-built drawings: The CONTRACTOR shall supply system as-built drawings prior to Final Acceptance. These drawings shall be in a

drawing format approved by the County and shall detail system component interconnectivity, component locations, and room/rack layouts.

12. Parts List: The CONTRACTOR shall supply complete parts lists and breakdowns that identify each hardware component (to the lowest repairable unit) as well as ordering information for these parts.

    i A separate spare parts list shall be provided and include an itemized list of manufacturers' part numbers, model numbers, budgetary pricing, supplier's address, supplier's phone numbers and any single source components identified as such.

13. Documentation Reference: The CONTRACTOR shall supply a complete list and cross-reference of all supplied documents (i.e., name, brief description, and document number).

14. Test Plans: The CONTRACTOR shall supply system test plans (similar to those submitted with the proposal) for each phase of testing (i.e., Factory Acceptance Testing, Performance Verification Testing, and Endurance Testing) as well as all related test results and reports. Each test shall include a purpose/goal, detailed procedure, and clear pass or fail criteria. Each specification requirement shall be tested and referenced. A summary cross-reference between each test and the specification shall be provided and sorted in the order of the specification requirements.

15. Display Formats: The CONTRACTOR shall supply each of the monitor display formats required for each functional display.

16. Training Plan: Training plan and course materials.

17. COTS Software Report: The CONTRACTOR shall provide a document identifying each Common Off-The-Shelf (COTS) software package. The submittal shall state the purpose of the software package, where it shall be used, and how it shall be used. The software license information shall be included.

18. Maintenance Schedule: A recommended schedule for preventative, routine, and emergency maintenance indicating frequency and response time. Preventative maintenance services during peak activity periods shall be avoided. The CONTRACTOR shall coordinate with the County to define peak activity periods. The CONTRACTOR shall submit a finalized preventative maintenance schedule for County approval.

19. Response Escalation Plan: The CONTRACTOR shall submit a recommended response escalation plan that defines the level of severity of a problem and the associated service response time. The use of this response plan and its details will be negotiated with the

County. Repairs are to be made as expeditiously as possible. If parts are immediately unavailable, the fastest means of shipment shall be used, including overnight-expedited shipping.

20. Disaster Recovery Plan: Due to the critical nature of airport operations, the CONTRACTOR shall prepare a disaster recovery plan for the AIMS. The CONTRACTOR shall include a description of how the CONTRACTOR will be able to respond with the necessary labor, hardware, software, technical support, materials, equipment and other requirements to ensure that the County systems are up and running properly throughout a disaster scenario. Provide a time table detailing actions in a "cause and event" scenario. A summary description of the CONTRACTOR's plan shall be provided with the proposal response, a detailed disaster recovery plan shall be delivered to the County within 90 calendar days of notice to proceed.

21. Software Documentation and Utilities: All software shall be delivered with full documentation. Documentation shall include software error messages, description, and troubleshooting guide. The documentation shall include textual explanations and instructions and be supported by appropriate graphs, flowcharts and/or block diagrams. Adequacy of the flowcharts and the block diagrams shall be at the discretion of the County.

22. Software Backup Copy: A backup copy of all the configured system software shall be provided on CD-ROM media. All original distribution software shall be delivered with an installable backup. While CD-ROM is the preferred media, tape or diskette is acceptable if required by the specific software. The backup copy shall be appropriately labeled.

23. Prior to Final Acceptance the CONTRACTOR shall submit revised Exhibit B "Goods and Systems Hardware", Exhibit B-1, "Existing EVIDS Devices", Exhibit C "Licensed Software and Third Party Software, and Exhibit E "Master Price List" from the AIMS System and Services Agreement. The CONTRACTOR shall submit revised Exhibits B, B-1, C, and E based on actual installed components and quantities. These Exhibits shall be initialed by both parties and attached to the AIMS System and Services Agreement and the Software License and Maintenance Agreement.

3.2.3 System Documentation

A. System Administration Documentation: The CONTRACTOR shall supply system administration documentation that details the operation of each of the provided systems and integration components. This documentation shall provide complete information on the operation, maintenance, and trouble-shooting of the AIMS and will include a parts list and sources of supply for parts. The manuals are to be bound in three

ring or spiral binders with a table of contents and a tab for each section or division. The information included in this documentation shall be covered during system training provided by the CONTRACTOR. This documentation shall be provided for each of the individual AIMS including the AODB, EVIDS, DAPP (including LDCS as applicable), and RMS. In addition, electronic copies of all documentation shall be provided on CD.

B. User Documentation: The CONTRACTOR shall supply user documentation that shall explain how each of the AIMS operates from a user perspective. This documentation shall be in accordance with and contain at least as much information as that included within the online help system. The manuals are to be bound in three ring or spiral binders with a table of contents and a tab for each section or division. The information included in this documentation shall be covered during system training provided by the CONTRACTOR. This documentation shall be provided for each of the individual AIMS including the AODB, EVIDS, DAPP (including LDCS as applicable), and RMS. In addition, electronic copies of all documentation shall be provided in a County approved format.

C. As-built drawings: CONTRACTOR shall supply system as-built drawings prior to final system acceptance. These drawings shall be in a drawing format approved by the County and shall detail system component interconnectivity, component locations, and room/rack layouts. The drawings will detail both the physical and logical connections of system devices. Drawings shall include appropriate labeling for cabling and devices. In addition, electronic copies of all documentation shall be provided in a County approved format.

D. Software Documentation and Utilities: CONTRACTOR shall deliver All software with full documentation. Documentation shall include software error messages, description, and troubleshooting guide. The documentation shall include textual explanations and instructions and be supported by appropriate graphs, flowcharts and/or block diagrams. Adequacy of the flowcharts and the block diagrams shall be at the discretion of the County representative.

E. Database Structure and Schema: CONTRACTOR shall provide detailed documentation on any database structure and schema. Documentation shall include field type, field length, table dependencies, etc.

F. Maintenance Manuals: Manuals including maintenance instructions and other descriptive material as received from the manufacturers shall be provided that will enable County personnel to maintain equipment and test equipment. This documentation shall include descriptions, specifications, theory of operation (where applicable), layout drawings (showing component types and positions), and back-panel and assembly wiring

diagrams. This documentation shall be provided for each of the individual AIMS including the AODB, EVIDS, DAPP (including LDCS as applicable), and RMS. In addition, electronic copies of all documentation shall be provided in a County approved format.

G. Preventative Maintenance: Instructions shall be provided for preventive maintenance procedures that include examinations, tests, adjustments, and periodic cleaning. The manuals shall provide guidelines for isolating the causes of hardware malfunctions and for localizing faults. The manuals shall provide thorough instructions on the use of any specialized test equipment needed for hardware maintenance. This documentation shall be provided for each of the individual AIMS including the AODB, EVIDS, DAPP (including LDCS as applicable), and RMS. In addition, electronic copies of all documentation shall be provided in a County approved format.

H. Parts Lists: Complete parts lists and breakdowns that identify each hardware component (to the lowest repairable unit) as well as ordering information for these parts shall be provided. Recommended spare parts lists shall be included in the maintenance manuals. This documentation shall be provided for each of the individual AIMS components including the AODB, EVIDS, DAPP (including LDCS as applicable), and RMS.

3.2.4 Delivery and Storage

A. Store products in accordance with manufacturer's instructions, within CONTRACTOR's staging area and with seals and labels intact and legible. Store sensitive products in weather-tight enclosures; maintain within temperature and humidity ranges required by manufacturer's instructions. Storage containers shall include adequate security mechanisms to safeguard all equipment.

B. After installation, provide coverings to protect products from damage from traffic and construction operations, remove when no longer needed.

3.3 AIRPORT OPERATIONAL DATABASE (AODB) - The Contractor shall comply with the requirements set forth in this Section 3.3.

3.3.1 General

A. The Airport Operational Database (AODB) will serve as an archival and retrieval database and an information exchange mechanism. The principle role of the AODB is to be the primary holder of all data that relates to all operational activity both flight and facility related. It will perform several important support roles including, but not limited to those listed below.

1. Holds the airport Master Tables and acts as a data validation point

2. Includes the ability to receive data both digitally from other systems and manually by data entry
3. Automatically send data either initiated by a digital transaction or by a time trigger
4. Collates all data pertaining to a flight record from the time that the record becomes an active flight record until the total completion of the planned activity
5. Provides the completed flight record to the appropriate billing application for the necessary charges to be made
6. Alerts users to irregular operations that are either flight or facility related
7. Individual system interfaces (data level)
8. Perform data record archiving
9. Provide for data record retrieval
10. Provide alarm notification and logging
11. Provide and support information dissemination to other airport systems and applications.

3.3.2 AODB Functionality

A. The AODB shall be capable of holding numerous flight related fields including, but not limited to:

1. Aircraft dimensional data
2. Airline data
3. Registration (tail) number
4. Start and stop times of aircraft rotational activity
5. Start and stop times of aircraft parking activity
6. Code share information
7. Origins
8. Destinations
9. Resource elements such as check-in desk, gate, carousel, and baggage break down and make up area data.

B. The design of the AODB shall permit the inclusion of additional fields and tables on an as-needed basis. The amount of additional fields and tables

to be supported shall be no less than a minimum of two times the amount of initially populated database structure.

C. All manual entry of data into the AODB shall be via a graphical user interface and not directly input into data tables. All manual updates shall be verified as being valid records prior to any updates being implemented.

D. Interfaces to other systems to automatically input data into the AODB shall be defined as part of the development of the IDD for each interface. Electronic data transfer shall be validated by the AODB prior to the record being automatically updated.

E. The graphical user interface shall also be used to create and update the Master Tables.

F. At the initial set up of the AODB and for the on-going operations, it is required that data entered either manually or electronically shall conform to a set of rules. By applying these rules, erroneous data entry is avoided, and thus cannot be passed to other systems. These rules are referred to as the Master Tables and it is against these tables that the AODB shall verify that the data being sent is not only correct in structure but also that the content is bona fide.

G. The AODB shall “manage” the Master Tables, in order to ensure maintenance of a uniform set of Master Table data across all related systems. The information shall be distributed to other systems such as EVIDS and RMS. Subsequent updates and distribution of data shall occur as and when new or amended entries are made into the AODB Master Tables

H. The AODB shall provide an archive capability that provides “near time” retrieval of archived data. The data held within the “operational” portion of the database shall include a minimum of 7 calendar days of operational data. The CONTRACTOR shall propose, and submit for approval, the maximum amount of operational data to be stored for real time access that will not impact the efficiency of the database. In addition to real-time (daily) operational data, the AODB shall provide the ability to generate real-time reports for operational data for a minimum of thirty-six (36) months.

I. All transactions occurring within the AODB shall be logged to provide audit and tracking capabilities. The system shall also support the creation of a tracking report detailing all database transactions within a specific, user definable, time period.

J. The Airport Operational Database (AODB) will serve as an archival and retrieval database and an information exchange mechanism. The

principle role of the AODB is to be the primary holder of all data that relates to all operational activity both flight and facility related. It will perform several important support roles including, but not limited to those listed below.

1. Holds the Airport Master Tables and acts as a data validation point
2. Includes the ability to receive data both digitally from other systems and manually by data entry
3. Automatically send data either initiated by a digital transaction or by a time trigger
4. Collates all data pertaining to a flight record from the time that the record becomes an active flight record until the total completion of the planned activity
5. Provides the completed flight record to the appropriate billing application for the necessary charges to be made
6. Alerts users to irregular operations that are either flight or facility related
7. Individual system interfaces (data level)
8. Perform data record archiving
9. Provide for data record retrieval
10. Provide alarm notification and logging
11. Provide and support information dissemination to other airport systems and applications.

K. The County currently uses the PROPworks® Property and Revenue management system to conduct billing of airlines at FLL. The AIMS must be capable of communicating airline resource usage information to the PROPworks® system using the PROPworks® vendor's published API's. Coordination with BCAD stakeholders shall be performed by the CONTRACTOR to fully define all interface requirements and final functionality. As a minimum, the following information shall be made available to the billing system via these interfaces:

1. Airline RON information.
2. Ticket counter usage information.
3. Gate usage information.
4. Landings information.

L. For each and every interface to the AODB, the CONTRACTOR shall be responsible for developing IDD as described in Section 3.1.1. In developing these documents, the CONTRACTOR shall coordinate with the appropriate airport and tenant stakeholders.

M. The AODB shall conform to all requirements in this Statement of Work.

3.3.3 Integration Requirements

A. The AIMS shall have interface capabilities with Network Time Protocol obtained through the local area network.

B. The AIMS shall have the capability of providing read only flight data to locations that are external to the Airport. The data interface shall be standard leased lines or other mediums as necessary.

C. The AIMS shall include an interface with the Airport web server to provide the ability to display flight information on the Airport's web site.

1. As an alternate, the CONTRACTOR shall propose and provide pricing for a solution that includes an AIMS interface to a CONTRACTOR hosted web server to provide the ability to display real time flight information. The Airport web site shall include a link to the CONTRACTOR hosted web site.

D. The AODB shall interface with the existing property revenue management system as defined in Section 3.3.2. The final functionality of this interface shall be determined during design workshops and coordinated with the County.

E. For each and every interface listed above, the CONTRACTOR shall be responsible for developing IDD as described in Section 3.1.1. In developing these documents, the CONTRACTOR shall coordinate with the appropriate airport and tenant stakeholders.

F. For additional database system requirements refer to Section 3.10, System and Software Requirements.

G. The AIMS shall support future interfaces / integration with an audio paging system to provide an integrated audio/visual paging solution.

H. The AIMS shall support interfaces with an external system(s) to obtain real-time "on/off block" information for aircraft operations at gates. This interface shall provide the ability for the AIMS to accept actual arrival and departure times for aircraft movement at gates. The data obtained from this interface shall be accessible through the AODB to provide report generation capabilities and the ability to interface with County's property and revenue management system.

3.4 ELECTRONIC VIDEO INFORMATION DISPLAY SYSTEM (EVIDS) - The Contractor shall comply with the requirements set forth in this Section 3.4.

3.4.1 System Overview

A. An Electronic Video Information Display System (EVIDS) shall be installed to support the entire airport campus. The system installed will replace the existing system and will utilize existing display hardware to the extent feasible.

B. The EVIDS shall be configured to run on a full-time basis, twenty-four (24) hours per day, seven (7) days per week, in order to provide accurate and timely information.

C. The EVIDS shall provide flight, baggage, visual paging, and other BCAD defined information to various displays throughout the campus.

D. The EVIDS shall fully support all code share flights and be able to provide mechanisms for displaying the appropriate code share information on public displays. In addition, the system shall not require duplicate entry of information for code share flights (i.e. a single data input will update multiple flight records where code sharing exists).

E. The information displayed on the video monitors for the EVIDS will vary depending on the monitor's location and function; however, all monitors shall have the capability to display all types of information.

F. Time obtained from the Local Area Network using Network Time Protocol shall be displayed on EVIDS screens as part of the page header as well as on dedicated displays. Displays that are part of EVIDS banks shall be used to display arriving and departing flight information.

G. The displays located in the baggage claim area shall display flight baggage carousel assignments. These assignments shall be determined by the RMS and verified prior to unloading baggage by inputting the flight assignment into the Baggage Input Consoles (BICs). The BICs shall be located in the baggage breakdown area and connected to the PDS via the assigned EVIDS VLAN.

H. EVIDS workstations shall be used to update flight information and to administer the EVIDS. Each airline shall have access to an EVIDS workstation to perform their required updates. Certain EVIDS workstations shall be configured to access multiple airline information for service providers that handle multiple airlines. Coordination shall be performed with the County representative to determine the final configuration of these workstations.

I. EVIDS flight information shall be integrated with the Airport's web site to provide real-time flight information to the general public. This integration and all requirements associated with the web site interface shall be coordinated with the County.

1. As an alternate, the CONTRACTOR shall propose and include pricing for a solution that utilizes a CONTRACTOR hosted website providing real-time flight information for all FLL flights. Coordination with the County shall be performed to establish a link to this site from the airport website.

3.4.2 EVIDS Configuration Requirements

A. The current configuration of the EVIDS at FLL is a mixed environment of various distribution architectures. This includes the use of video extenders where a single DDC (Display Devices Controller) (located within communications rooms) is used to drive multiple displays, single DDCs attached to display devices, serial connectivity to LED devices, and the use of thin clients (Wyse V90 and Wyse V90LE terminals) in a one to one configuration. In supporting the existing display environment, the CONTRACTOR's solution shall support all existing architectures. All new display devices installed as part of this project shall be configured as described herein.

B. Each video monitor in the system shall be connected to a single DDC (Wyse V90LE terminals or current equivalent) that is used to control the display of the data on the monitor.

C. Baggage Input Consoles (BICs) shall be connected to and controlled by the EVIDS. All BICs shall be IP addressable and utilize an Ethernet protocol to communicate with the EVIDS servers. CONTRACTOR shall specify any specific BIC protocol requirements that deviate from the IP protocol. The functionality of the BIC devices shall include the following:

1. The ground operator shall be able to indicate which flight is being unloaded onto the particular baggage carousel using the keypad. The EVIDS shall not allow the operator to specify a flight that is not an arriving flight contained in the current day's active flight schedule. After the operator has specified a valid flight number on the keypad, the operator shall press a key designated as "first bag on", and shall update all EVIDS information (including BIDS information) pertaining to this flight and carousel.

2. "Canned" messages as defined by the County shall be selected and displayed via the BIC assigned display.

D. The DDCs shall be capable of supporting the display of flight data, graphic images, text messages, and full motion video.

E. The CONTRACTOR shall provide an interface to each airline host system to provide for automated flight information input into the EVIDS. For each airline present at the time of installation, the EVIDS shall receive automatic downloads and update from the airline host. The airline interface shall not require any customization by the airlines to their systems and shall include appropriate security to ensure that the EVIDS and all data within the system is properly secured. The CONTRACTOR shall supply all interface hardware and software required for each airline. The airline data from the airline system shall be formatted as necessary for use in the EVIDS database. Pricing for airline host interfaces shall be itemized and pricing for adding an airline shall be provided. The following list of current airlines serving FLL shall interface with the EVIDS:
    1. Air Canada
    2. Air Jamaica
    3. Air Sunshine (commuter)
    4. Air Transat
    5. Allegiant
    6. AirTran
    7. American
    8. Avianca
    9. Bahamas Air
    10. CanJet
    11. Caribbean
    12. Chalks (commuter)
    13. Comair
    14. Continental
    15. Continental Connection (Gulfstream)
    16. Delta/Delta Connection
    17. Frontier
    18. JetBlue
    19. Lynx Air International (commuter)
    20. Northwest/KLM
    21. Skyservice
    22. Southwest
    23. Spirit
    24. Sunwing
    25. US Airways
    26. Westjet
    27. Yellow Air Taxi (commuter)
    28. In addition to the airlines listed above, the CONTRACTOR shall be responsible for providing a direct interface for additional airlines that may be present at the time of installation.

F. The EVIDS shall fully support airlines that brand different airlines under a single IATA airline code.

G. The EVIDS shall fully support the storage, display, and manipulation of information for airlines that operate out of multiple terminals and that may split terminals in terms of check in operations, gate operations, and baggage operations.

H. The EVIDS shall support an interface to a third party flight information system to provide real-time accurate flight information into the system. The system shall include rules to determine which source of flight information to utilize (third party, host feed, or local input) in the case of conflicting information. The CONTRACTOR shall provide this functionality. The solution shall include all hardware, software, equipment, licensing fees, and subscription fees to accomplish this functionality.

3.4.3 Display Requirements

A. General: The CONTRACTOR shall make a concerted effort to create display formats that eliminate or reduce, to the extent feasible, ghosting and image retention. Coordination shall be performed with the County representative to identify potential solutions for reducing these effects.

B. Fonts: The EVIDS shall be able to display video monitor screens in a variety of fonts. CONTRACTOR shall supply a minimum of twelve (12) different font styles with the EVIDS. The default font shall be approved by the County.

1. The user shall be able to specify the font to be used and the size of the font, per field.

2. The capability shall exist to use multiple fonts within one display format.

3. Scalable outline font technology shall be used in the DDCs to display fonts on the video monitors.

4. The provided font selection shall address ADA compliance issues. The CONTRACTOR shall recommend fonts that meet the needs of visually impaired individuals. The CONTRACTOR shall provide documentation to support their recommendations.

C. Colors: The user shall be able to specify the colors to be used in any screen format from a palette of no less than 65,000 colors.

1. Color shall be able to be specified for the format background and foreground.

2. Colors shall be able to be assigned on a per-field basis, defaulting to the specified foreground color.

3. Colors shall be able to be assigned based on field content. For example, color coding within a field may be used where "On Time" is color #1, "Delayed" is color #2, and "Canceled" is color #3.

D. Graphics: The user shall be able to specify graphic images to be used within a video monitor display format.

1. The graphic image shall be stored in any industry-standard graphic format. Supported formats shall include PCX and GIF. Other formats will be converted to either PCX or GIF formats.

2. The user shall be able to specify the size of the frame for the graphic image. The graphic image shall auto scale to fit the frame.

3. The system shall provide the capability to display a graphic image as a screen "wallpaper" (i.e., a full screen graphic that data including text and/or other graphics are overlaid onto).

4. Multiple graphics shall be displayable simultaneously within a single display format.

E. Display configuration: The system shall support the display of all screens both horizontally and vertically on the display devices.

F. Video Clips: The user shall be able to specify graphic images to be used within a video monitor display format. A variety of video clip formats shall be supported including AVI and MPEG formats.

G. Multiple Formats/Split Screen: The EVIDS shall have the capability to display multiple formats on a display device using both of the following methods:

1. A "split screen" where some data is shown in one defined part and other data is shown in a separately defined part. An example would be a video monitor displaying flight data for a specific airline with limited flights, with Arriving Flights shown in the upper half of the monitor and Departing Flights shown in the lower half of the monitor.

2. A display device that has been designated to display certain formats in a rotating fashion. For example, Format ‘A' would be shown for a user-defined number of seconds, then Format ‘B' would be shown for a user-defined number of seconds, then repeat. Rotating formats shall allow up to eight (8) different formats to continuously cycle.

H. User-Defined Parameters & Triggers: The authorized user shall be able to specify a number of parameters or "triggers" that define how and when data will be displayed using any specific display format (e.g., color change, text appear/disappear, graphic appear/disappear, font change).

These parameters or triggers include but are not limited to the items below:

1. Length of time a flight is displayed with a "DEPARTED" (or similar) status after the flight has actually departed. This shall be definable both on a system-wide basis, and on an airline-specific basis.

2. Length of time before a flight arrives to display the arriving flight information. This shall be definable both on a system-wide basis, and on an airline-specific basis.

3. For flight departures, the user shall be able to specify how long before departure time the flight status changes to "Boarding" and/or "Final Boarding". This shall be definable both on a system- wide basis, and on an airline-specific basis.

4. In conjunction with this trigger, there shall be a parameter, changeable by the authorized user, which indicates whether or not to utilize this automatic timing feature, or to require manual input from an authorized user.

5. For flight arrivals, the user shall be able to manually specify how long before the flight actually arrives that the flight status changes to "In Range" and/or "Landing", and finally "At Gate".

I. Sort Order: The user shall be able to specify the sort order for data being displayed where there is more than one data record being displayed.

1. The user shall be able to specify either ascending or descending order. The default shall be ascending order.

2. The system shall have the capability to specify multiple fields for the sort and to select the sort priority of each field. If more than one field is specified, each may be designated as either ascending or descending order.

3. The fields which may be specified to be sorted include, but are not limited to:

   i Flight number

   ii Airline

   iii Domestic/International

   iv Gate

   v County name (origin/destination)

   vi Scheduled time of arrival/departure

   vii Actual time of arrival/departure.

4. Override of Automatic Status Updates: The authorized EVIDS user shall have the capability to override any of the automatic update flight status remarks. If the scheduled time of a flight is changed, the default Remark for that flight shall be automatically changed to show "ARR AT <new time>" for an arriving flight, or "DEP AT <new time>" for a departing flight. The user shall also have the capability to edit the remark and shall not be limited to "canned" remarks.

5. Display Format Re-Assignment: Any monitor that is displaying a specific format, controlled by the DDC, shall be capable of displaying a different format upon command from the EVIDS server(s), initiated via an authorized user using any of the input devices (i.e., EVIDS server, EVIDS workstation, BIC, Touch Screen).

6. The authorized user shall be able to view the name of the format that is currently being displayed on any display device by accessing the particular record in the device table. When the user makes a change to the format being used by that device, the DDC is notified of the change via the network. The device shall use the new format immediately.

7. There shall be no restrictions in format reassignment.

8. No shutting down or rebooting of any equipment shall be required in order to change the format being used by any DDC.

J. Free-Text Formats

1. The EVIDS shall allow a free-text format (e.g., a monitor displaying "Welcome ABC Convention attendees, please pre-register for the conference at the airport information desk") to be displayed on a monitor. This format is different from other formats in that there may be no data coming from the EVIDS databases to update the contents of the display. The data to be displayed shall be determined by the authorized user.

2. The authorized user shall enter and format text, choosing font style, type, and size in the same manner as is allowed with other formats.

3. The user shall also be allowed to insert graphic image(s) into the free-text format, resizing the graphic image(s) to fit the defined location(s) as is allowed with other formats.

4. The EVIDS shall allow any number of free-text formats to be used and shown simultaneously on different monitors, or in a "slide show" format on the same monitor. The parameters of the “slide show” shall be user definable (i.e., show x number of screens for x seconds each).

5. The system shall allow a location for free-text to be pre-defined on a display format. Check-in agents or other authorized users shall have

the ability to change the free-text message displayed. The system input devices (i.e., EVIDS server(s), EVIDS workstation, Touch Screen) shall be capable of updating the free-text message.

K. Synchronized time (obtained through the local area network via NTP) shall be displayable in the header of an EVIDS page. The time display shall be active when there is a signal from the PDS. If this connection is broken, the time display on the EVIDS shall go blank. The display shall not "free wheel" from the internal DDC clock.

L. Initial display screens provided shall include, but not be limited to; airline directory, rental car agency directory, airport contact directory, flight information display, ticket counter displays, gate displays, baggage information display, visual paging displays, and general information displays.

3.4.4 Screen Designer Requirements

A. The EVIDS shall include a Screen Designer Module (SDM) that shall allow an authorized user to create display formats.

B. Via the SDM, the user shall be able to create display formats for displaying data on video monitors. Data to be displayed includes, but not limited to, flight data, baggage data, flight operations data, graphic data, and free-text data.

C. Each display format shall be saved in the database. Based on a “County” field within the record the format may be utilized by other users for the display of data.

D. Minimum display characteristics shall be specified in the SDM include, but not limited to:

1. Background and foreground color
2. Font type, style, and size, per field
3. Blink attributes; blinking on/off colors
4. Header and footer placement and content
5. Sort order of data; ascending or descending order, sort on one or more of the following: flight number, city name, gate, time, airline
6. Background “wallpaper”
7. Color graphics; exact placement on the screen and graphic resizing
8. The SDM shall include the capabilities for the user to “test” the new or revised format by showing it on the screen of a workstation in the same

manner as it would be seen on a monitor or other display device, using live data from the actual EVIDS database.

9. CONTRACTOR shall provide a minimum of two (2) different types of screen formats for each type of data display that will be used by the system (e.g. flight arrivals, flight departures, gate information, baggage master display, baggage carousel display, baggage handler's back room display, etc. The authorized user shall be able to create new formats and modify existing formats via the SDM.

3.4.5 Airline Interface Requirements

A. Airlines shall have the ability to update EVIDS information from an external source (i.e., through their host systems). The interface must be capable of accepting ASCII formatted data via various connections including, but not limited to, TCP/IP, serial RS-232 connection, and others as defined in the IDD. This interface shall be coordinated with the County and the airlines' technical representatives. Any interface to an external system shall include the appropriate security measures to ensure that the integrity of the EVIDS system, and all data supported, is maintained. As a minimum, all interfaces shall be through a firewall and demilitarized zone (DMZ).

3.4.6 Timing Window

A. The term "timing window" is used to refer to the amount of time prior to a scheduled event that an item becomes eligible for display. It is typically used for monitors showing flight arrivals or flight departures. For arrivals, the timing window is the amount of time prior to the scheduled arrival time of a flight before the flight is considered eligible for display. For departures, the timing window is the amount of time prior to the scheduled departure time before a flight is considered eligible for display. For example, if the current time is 11:00 a.m. and the timing window for departures is set to 120 minutes, flights scheduled for departure between 11:00 a.m. and 1:00 p.m. would be displayed, while those departing after 1:00 p.m. would not yet be eligible for display on departures monitors. The timing window shall be adjustable to allow the EVIDS displays to be "full" at all times.

B. The EVIDS shall support two types of timing windows: a static mode and a dynamic mode.

C. The static mode timing window shall be definable by the authorized user. A separate time window shall be definable for both arriving and departing flights. There shall be an option to allow these timing windows to be set on both a system-wide basis and on an airline-specific basis.

D. When operating in dynamic mode, the timing window shall automatically adjust based on the number of flight operations at a given time. For a grouped set of monitors (e.g., monitor bank, portion of monitor bank), the EVIDS shall keep all monitors filled with flight records. In order to accomplish this, the EVIDS shall dynamically adjust the timing window to be a higher or lower value, as required. The minimum range of timing window adjustment will be from thirty (30) minutes to forty-eight (48) hours in increments of one (1) minute.

E. The system shall default to dynamic mode timing window.

3.4.7 Video Advertising Requirements

A. The EVIDS shall have the capability to display full-motion video (minimum 30 frames per second) on all video monitors throughout the system.

B. The user shall be able to specify a section of the video monitor format (where "section" may be a subset of the entire screen or may be the entire screen) for displaying full motion video.

C. The video source shall be from a video data file that was previously downloaded from the host computer system to the hard disk of the DDC, or through the network, if available bandwidth is available.

D. The system shall also support interfacing to third party systems and / or web sites for the retrieval of advertising files (video, still images, and audio files) to be broadcast on the EVIDS.

E. Scheduling requirements: The system shall have the capability to allow an authorized user to schedule the playing of video files on all monitors throughout the system from any workstation. As a minimum, the system shall possess the following attributes regarding the scheduling of video files:

1. The schedule for display of video files shall have the ability to pre-define a schedule for all monitors throughout the system. The schedule shall also allow any number or combination of monitors to be included in the schedule (i.e., only monitors 1, 3, 5, etc.).

2. Local override capabilities shall also be included to allow authorized users to modify the schedule or playing of video clips on an ad-hoc basis.

3. The system shall also include a “dynamic” mode that allows video files to be played on monitors that are not displaying flight information due to lack of flight activity. For instance, if a monitor bank of eight (8) monitors is only utilizing six (6) monitors to display the required timing window for flights, the remaining two (2) monitors shall display the pre-

selected video files. This capability shall be integrated with the scheduling features to allow video files to be played when select monitors become available (i.e., no flight activity is being displayed).

4. The system shall include a tracking feature that logs all video files that have been played and details the time, length, the display monitor that was used, and a summary of the number of times each video was played on each monitor as well as the total number of times each video was played in a given time period throughout the airport.

3.4.8 EVIDS System Requirements

A. The EVIDS shall meet the requirements of Section 3.10, System and Software Requirements as a minimum. Additional system requirements are provided in the Contract Documents.

B. All EVIDS modules (i.e., end user workstation, visual paging, video advertising, Screen Designer Module) shall have a Graphical User Interface (GUI) and use a true windowing (i.e., not DOS-based windows) navigation interface.

C. All display devices controlled by the EVIDS shall have the ability to display public “evacuation” messages. The system shall support the ability to display these messages on display devices that are zoned/targeted to specific areas of the campus. The control of the evacuation messages, including the ability to choose the areas/zones where the messages will be displayed, shall be available from workstations located in the communications center.

D. Data input screens (i.e., forms) shall be provided. In no instance shall data be input directly into data tables.

E. Airline data availability shall be limited to authorized user login. In no case, shall any user identified via user name and password as an airline employee or any other user without proper authorization gain access to any other airline's data, other than that pertaining to their own flights and baggage. Data that can be viewed at the user's workstation pertaining to other airlines shall be limited to data that can be viewed on public EVIDS video monitors.

F. Server failure shall not affect the DDCs operation or monitor displays.

G. System Management:

1. All failures of the system shall be viewable at a central control point (i.e., the system administrator's workstation). The failure shall initiate an alarm and add a failure record to the failure database table.

2. Additionally, upon such a failure, the system administrator shall receive a warning message on the system administrator workstation and an e-mail, pager, or text message notification, notifying him of the failure. Server failure shall include any hardware or software based failure. Should a DDC fail, the system shall immediately notify the system administrator via the EVIDS management system. The CONTRACTOR is responsible for providing all hardware, software, and WAN/PSTN access necessary to support the notification functions.

3. Each DDC shall have remote administration and monitoring capabilities. This capability shall allow the specific machine to be remotely configured and to provide a status report to the management system. Data included in the reporting capabilities shall include: data pertaining to the machine's memory, storage devices, network connections, and general health of the machine.

4. All failures of the system shall be logged at a central control point (i.e., EVIDS Application Server). The failure shall initiate alarms and reports (e.g., time and date of failure event). In the event that a workstation component goes out of service, the central control log shall be updated. Therefore, where practical, a positive relationship (e.g., system heart beat) shall exist between all components of the systems at all times.

3.4.9 EVIDS Performance Requirements

A. In addition to the performance requirements listed in Section 3.10, the EVIDS shall conform to the following:

1. The system shall be capable of supporting all DDCs and display devices as specified in this document within the performance requirements as outlined herein.

2. In the event of a failure of a DDC that is used to control a display within a public display bank, the system shall automatically reconfigure the page displays within the display bank to ensure that the flight information that was to be displayed on the failed DDC/monitor is displayed on other monitors. In the instance of a DDC failure, the system shall automatically reconfigure the timing window, or utilize another mechanism, to ensure that no gaps in the displayed flight information are present. For example, if a DDC supporting a display showing flights from 10:15 AM to 10:45 AM fails, the system shall reconfigure the displays such that the other DDCs display the flights during this time period.

3.4.10 EVIDS Hardware Requirements

A. In addition to the requirements specified herein, the EVIDS shall meet the requirements of Section 3.9, Hardware Requirements.

B. Refer to drawings for hardware types and quantities.

C. In addition to the components depicted on the drawings, provide twenty-nine (29) workstations for airlines to utilize as their input workstations. The location of these workstations shall be coordinated with the County.

3.5 DYNAMIC ASSIGNMENT PASSENGER PROCESSING (DAPP)- The Contractor shall comply with the requirements set forth in this Section 3.5.

3.5.1 System Requirements

A. The design philosophy behind Terminal 4 is to establish a flexible environment allowing any mix of dedicated and/or shared use peripherals. This environment must be sufficiently flexible and scalable to accommodate changes in the airport's business plan over time. To facilitate shared use peripheral deployment at some point, a DAPP solution shall be provided as part of the AIMS base bid.

B. The DAPP shall be a flexible solution that provides all airlines the ability to access their applications via native host connections facilitated through the system. This connection is facilitated using a shared infrastructure with dedicated virtual network connections for each airline tenant. The dedicated virtual network connections along with airline provided software that is accessible at the local DAPP workstation shall allow an airline to access their native host interface. The virtual network connections, while dedicated for each airline, shall be dynamic such that any port on the network shall be able to utilize any of the virtual network connections associated with the DAPP.

C. The DAPP shall be integrated with the RMS and other necessary components to support the following functionality:

1. The RMS shall control and provide all resource allocations for specific users. The DAPP shall fully support the schedule of resources developed by the RMS. As such, when the RMS has assigned a resource to a specific user, the applications and functionality required by the assigned user shall be available on the assigned resource during time slot allotted by the RMS. Conversely, if the RMS has not assigned a specific user to a resource, the resource and all applications and functions shall not accessible to that user.

2. The RMS and DAPP shall provide the ability to block any user from the utilization of any resource. The default configuration at each DAPP resource shall be to deny access, unless it has been assigned by the RMS.

3. The workstations shall run the native tenant applications.

D. The DAPP shall provide 'transparent' access to each airline's native host application. The DAPP solution shall not require an on-going certification process once final system acceptance is complete. Individual airline upgrades and modifications to point of sale and other operational software shall not require any certification (or recertification) to utilize the DAPP. This does not apply to certifications required by legacy common use applications (IATA RP 1797 compliant) that may utilize the flexible provisioned environment provided by the DAPP.

E. The DAPP shall provide 2D Bar Code Printing for boarding passes. Traditional IATA ATB magnetic swipe boarding coupons are not required, unless specifically requested by airline tenants during the implementation process.

F. The DAPP shall provide use of each airline's native system from all locations within the Terminal 4. The DAPP shall provide any agent the ability to access their own applications from any assigned DAPP workstation via authorized airline-host login. The DAPP shall allow each airline to run its own native point-of-sale application in its own operating environment. At the DAPP workstation, the screen and keyboard interface shall be no different than a direct host connection. Any applications which are available on the host system shall also be accessible through the DAPP. This system shall provide each airline the ability to perform ticketing, check-in, local boarding, passenger matching, etc. using their system software without modifications to the host system.

G. The DAPP shall fully support individual airline requirements for workstation and peripheral addressing. This shall include the ability for airlines to dynamically assign workstation addresses on an ad-hoc basis from a pool of addresses, eliminating the need to have dedicated workstation addresses for every device associated with DAPP. Individual airline software licensing issues must also be addressed by the CONTRACTOR in a manner that is acceptable to all stakeholders. This topic shall be included in the design workshops that are required as part of the implementation process.

H. The system shall provide connection for the DAPP workstations to each participating airline's host computer (e.g., System One, Sabre, etc.) via an airline-provided interface (e.g., gateway, router, etc.). This shall allow for the required airline applications and operating systems to be loaded at the

workstation on an airline by airline basis. Access to the airline interface shall be over the assigned virtual network. The location of airline specific software required to utilize a DAPP workstation shall be stored either on a local partitioned hard drive, a centralized location such as a boot server, or a CONTRACTOR determined location. It is the responsibility of the CONTRACTOR to perform the necessary airline coordination to ensure the system supports the individual requirements of each identified airline.

I. An unassigned DAPP station shall provide a generic login screen that allows access to any DAPP applications that may be required for system maintenance or other functions. This access shall be for authorized users only via the appropriate login credentials.

J. The DAPP workstation shall use the common system hardware with the individual airline's native applications. The printers can either be loaded with common printing stock, or each airline can load their own stock when utilizing a position. It is the responsibility of the CONTRACTOR to perform the necessary coordination with airline representatives to ensure each airline's peripheral requirements are met by the system.

K. The DAPP shall utilize an open architecture. To the extent possible, hardware components of the DAPP shall be standard "off-the-shelf" computer components.

L. The system shall provide access to the airline host computer system applications. From any DAPP workstation any authorized user shall be able to access host applications. Typical host applications which the system shall access include (but are not limited to):

1. Departure Control
2. Reservations
3. Ticketing
4. Check in
5. Local Boarding Application
6. Baggage Tracing
7. Flight Operations Control
8. Message Switching
9. Information Systems such as FIDS
10. Aircraft Maintenance Systems
11. Cargo Systems

12. Baggage Sorting/Reconciliation System

13. E-mail.

M. The DAPP shall support and be interoperable with the addition of non-hosted Airlines and County applications operating in a client/server (peer to peer) or web-based environment.

N. Any DAPP workstation shall be able to be assigned to any airline and access any airline host system.

O. Workstations shall be mutually independent of each other (e.g., two DAPP workstations at the same gate counter can access two different hosts simultaneously).

P. Workstations shall be able to direct output to a peripheral device that is physically connected to another workstation on the same virtual network. As such, the ability to print boarding passes and bag tags from any workstation to any other workstation shall be provided. The system shall support this functionality whether at the host level or at the individual workstation level.

Q. Each airline's host and operating environment shall be supported by the CONTRACTOR's system.

R. The DAPP shall maintain the latest airline point of sale software on all devices. Any DAPP resource shall be available for any airline use at any given time, at the discretion of the County.

3.5.2 Airline Requirements

A. The airlines listed below shall be serviced by the DAPP. It is the CONTRACTOR's responsibility to verify/determine airline host and to determine host application and peripheral interface requirements.

B. Cost for integrating each airline into the DAPP shall be listed as a line item. Additionally, per airline cost shall be provided for adding additional airlines to the DAPP.

C. Airlines to be serviced include, but are not limited to:

1. Air Canada
2. Air Jamaica
3. Air Sunshine (commuter)
4. Air Transat
5. Allegiant
6. AirTran
7. American

8. Avianca
9. Bahamas Air
10. CanJet
11. Caribbean
12. Chalks (commuter)
13. Comair
14. Continental
15. Continental Connection (Gulfstream)
16. Delta/Delta Connection
17. Frontier
18. JetBlue
19. Lynx Air International (commuter)
20. Northwest/KLM
21. Skyservice
22. Southwest
23. Spirit
24. Sunwing
25. US Airways
26. Westjet
27. Yellow Air Taxi (commuter)

3.5.3 DAPP Performance Requirements

A. In addition to the performance requirements listed in Section 3.10, the DAPP shall conform to the following:

1. DAPP Latency: The time from when a DAPP position (and any associated CUSS position) is assigned to an airline via the RMS interface and the position is fully operational for passenger processing shall not be more than three (3) minutes.

2. In Line CUSS: For an in-line CUSS kiosk, the time from when an airline is selected for self-service check-in and the selected self-service check-in application is fully operational for use shall not be more than ten (10) seconds. A “loading” or other similar screen shall be displayed within 1.0 seconds after the airline is selected.

3.5.4 DAPP Hardware Requirements

A. The DAPP shall meet the requirements outlined in Section 3.9

B. Refer to drawings for hardware types and quantities.

C. In addition to the components shown on the drawings, the CONTRACTOR shall provide five (5) DAPP workstations to be used in baggage offices. The location of these devices shall be coordinated with the County.

3.5.5 CONTRACTOR Responsibility

A. The CONTRACTOR shall be responsible for performing the appropriate coordination with the airline representatives to ensure that all specific airline peripheral requirements are met by the system. In addition, the CONTRACTOR shall be responsible for performing the appropriate coordination with the County and the project manager to ensure all peripheral equipment (PCs, monitors, bag tag printers, boarding pass printers, document printers, etc.) will be accommodated by the counter casework and inserts that currently exist. As a minimum, the CONTRACTOR shall be required to perform shop drawing reviews and provide component drawings detailing the exact mounting requirements for each component and device to be supplied by the Contract Documents.

3.6 COMMON USE SELF SERVICE - The Contractor shall comply with the requirements set forth in this Section 3.6.

3.6.1 CUSS Kiosks

A. The CONTRACTOR shall provide a CUSS hardware and software system that meets the functional requirements as established in IATA RP 1706.

B. The final configuration and architectural requirements of the CUSS kiosks shall be coordinated with the County.

C. The assigned use (in-line) kiosks shall provide self-service check-in services for the airline assigned to the associated ticket counter position. The assigned use kiosks shall boot to the associated airlines system and run the airline specific self-service check-in application. For airlines that will use the LDCS for passenger processing, the CONTRACTOR shall provide a CUSS application that is compatible with the LDCS. The assigned use kiosk shall be assigned via the RMS and operate in the assigned airlines native environment.

D. The general use kiosks shall be used for self-service check-in for any supported airline. The general use kiosks shall include a common GUI interface with each airlines name/logo shown. The traveler shall select the airline for check-in via the touch screen. The selected airline's self-service application shall be initiated by the selection. The traveler shall be able to perform self-service check for the selected airline via the airline specific self-service check-in application. The general use kiosks shall service the supported airlines (refer to Airline Requirements) from the same kiosk without rebooting. Once a traveler has completed self-service check-in with a given airline, the kiosk shall return to the main airline selection screen.

E. The pricing breakout for the following components is included in the Contract Documents.

1. Base CUSS system cost
2. Per airline software cost
3. Per kiosk cost

3.6.2 AIRLINE REQUIREMENTS

A. The airlines listed below shall be serviced by the CUSS. It is the CONTRACTOR's responsibility to verify/determine airline interface requirements and to determine peripheral interface requirements.

B. Cost for integrating each airline into the CUSS shall be listed as a line item. Additionally, per airline cost shall be provided for adding additional airlines to the CUSS.

C. Airlines to be serviced include, but are not limited to:

1. Air Canada
2. Air Jamaica
3. Air Sunshine (commuter)
4. Air Transat
5. Allegiant
6. AirTran
7. American
8. Avianca
9. Bahamas Air
10. CanJet
11. Caribbean
12. Chalks (commuter)
13. Comair
14. Continental
15. Continental Connection (Gulfstream)
16. Delta/Delta Connection
17. Frontier
18. JetBlue
19. Lynx Air International (commuter)
20. Northwest/KLM
21. Skyservice
22. Southwest
23. Spirit
24. Sunwing
25. US Airways
26. Westjet
27. Yellow Air Taxi (commuter)

3.6.3 CUSS PERFORMANCE REQUIREMENTS

A. The time from when an airline is selected for self-service check-in and the selected self-service check-in application is fully operational for use shall not be more than ten (10) seconds. A “loading” or other similar screen shall be displayed within 1.0 second after the airline is selected.

B. The CUSS shall meet all performance requirements set by the IATA CUSS Manual and IATA RP 1706c.

3.6.4 CUSS HARDWARE REQUIREMENTS

A. The CUSS shall meet the hardware requirements in Section 3.9.

B. The CONTRACTOR shall be responsible for performing the appropriate coordination with the airline representatives to ensure that all specific airline peripheral requirements are met by the system.

C. The CONTRACTOR shall provide shop drawings and component drawings detailing the exact mounting requirements for each component and device(s) to be supplied by the Contract Documents.

D. Each CUSS kiosk shall be equipped with a Personal Computer (PC) and a touch screen LCD Monitor (minimum 15” diagonal). All peripherals at the location shall either be directly connected to the workstation (via USB, parallel, or serial as appropriate) or to the system via the local area network. Specific make and model is included in the Contract Documents.

E. The CUSS devices shall provide functionality equivalent to airline proprietary installations. All peripheral devices shall be supplied with the necessary interface cabling. Peripherals to be included in the CUSS will include as a minimum

1. Receipt Type Printer (include ability to print 2D barcodes - PDF417)
2. Magnetic Stripe Reader (MSR)
3. Bag Tag Printer (BTP)
4. Optical Character Recognition (OCR) Reader.
5. Passport reader.

F. CUSS machines shall accommodate new hardware as upgradeable features such as bar code scanners, RFID tag printers, and biometrics. The CUSS kiosks shall accommodate swap-outs of subcomponents.

3.7 LOCAL DEPARTURE CONTROL SYSTEM (LDCS) - The Contractor shall comply with the requirements set forth in this Section 3.7.

3.7.1 System Overview

A. A Local Departure Control System (LDCS) provides automated check-in and departure control for non-hosted airlines and irregular flight operations. The LDCS enables these airlines/flights to perform computerized passenger check-in and boarding using a common Graphical User Interface (GUI). The LDCS includes a locally-based database that stores the passenger reservation information for each airline and flight. At FLL, the database used shall be the Airport Operational Database (AODB). Reservation information is entered into the AODB database prior to the irregular flight operation or periodically depending on the airline. The flight data is initially entered using download, data entry, removable storage media, or other County agreed upon method. Once flight data is entered into the AODB, the authorized airline agent can check-in passengers, issue boarding passes, print bag tags, and scan boarding passes using the LDCS software and GUI. The LDCS shall utilize the DAPP common equipment including the DAPP workstation and peripherals.

B. The LDCS shall maintain passenger status (e.g. boarded, not boarded) for each departing flight and update it as passengers board. Other LDCS functionality shall include the ability to generate, open, and close flights, record number of bags and generate bag tags, and provide seat selection and assignment.

C. The LDCS shall provide computerized passenger check-in and boarding services for airlines that lack a host-based Carrier Reservation System (CRS). The LDCS shall include a locally -based database that stores the passenger reservation information for each participating airline and flight. Each participating airline shall have the ability to load reservation information (Passenger Name List – PNL data) into the LDCS database by one of several methods (download, data entry, removable, storage media or other County agreed upon method). Any data links to a CRS or other PNL source is the responsibility of the CONTRACTOR. Agents shall be able to check-in passengers and issue boarding passes and bag tags as if using a host-based system. Agents shall use the common equipment (DAPP workstations, etc.) to access the LDCS and perform check-in and boarding processes.

D. The LDCS shall include an interface to the government “no fly” list and provide the ability to cross reference PNL data to this list. If matches are found, the system shall flag the passenger for further action by the airline using the system.

E. The LDCS implementation includes a minimum of ten (10) airlines. A per additional airline cost beyond the base is provided in the Contract Documents.

F. The LDCS shall interface with all DAPP peripheral devices including 2D Bar Code Printer, BTP, document printer, MSR/OCR, and Bar Code Scanner.

G. The LDCS shall maintain passenger status (e.g. boarded, not boarded) for each departing flight and update it as passengers board.

H. The LDCS shall maintain data associated with a departing flight on-line for a configurable period of time. The LDCS shall be sized to maintain data for a minimum of twenty-four (24) hours for each departing flight.

I. Reports and queries shall be able to be generated at any point from the time boarding is begun until the LDCS flight data is purged for that flight. The CONTRACTOR shall provide a minimum of five (5) standard reports for review and approval by the County. The LDCS shall provide the following information (as a minimum):

   1. Flight manifests
   2. Flight closure report
   3. An audit trail of errors encountered during the boarding process.

J. Any DAPP workstation shall have the ability to run the LDCS. These workstations shall be fully functional DAPP workstations. A simple pointing device or keyboard action shall allow the agent to switch between the LDCS and any other available applications.

K. The LDCS shall include the following functionality as a minimum:

   1. Ability generate, open, and close flights
   2. Provide seat configurations for each aircraft type
   3. Ability to add or cancel passengers
   4. Ability to check-in a passenger and group of passengers
   5. Ability to issue sequenced bag tag numbers and boarding passes
   6. Provide positive bag to passenger matching
   7. Record number of bags per passenger
   8. Address single sector flights
   9. Address single class

10. Ability to handle charter and domestic flights
11. Issue (and cancel) bag tags, boarding passes, and itineraries on demand using the common use peripherals
12. Provide ability for manual bag tag number recording
13. Provide split seating of groups
14. Ability to handle standby passengers
15. Manual, free, and charter seating logic
16. Seat selection and assigning
17. Storing of seat preferences
18. Provide aircraft operation information
19. Ability to support 30 flights opened at the same time
20. Resynchronization of LDCS data to host systems, where applicable.

L. The LDCS shall support the generation of IATA compliant Baggage Service Messages (BSM) that may be sent to a baggage sortation system.

3.7.2 LDCS System Requirements

A. The LDCS shall meet the requirements defined in Section 3.10, System and Software Requirements as a minimum.

3.7.3 LDCS Hardware Requirements

A. The LDCS shall meet the requirements defined in Section 3.9, Hardware Requirements.

3.8 RESOURCE MANAGEMENT SYSTEM (RMS) - The Contractor shall comply with the requirements set forth in this Section 3.8.

3.8.1 System Overview

A. A Resource Management System (RMS) shall be installed to support the AIMS related resources within the FLL airport campus. The RMS installed at the Airport shall be used to allocate and manage County controlled resources including spots, gates, ticket counters, baggage makeup conveyors, baggage breakdown carousels, and remote parking stands. The RMS shall provide the tools to assist the County RMS operators in allocation and management of County controlled resources with the least impact to airlines, ground crews, passengers, and County personnel.

B. The Resource Management System (RMS) shall include the following software modules:

   1. Spot/Gate Allocation and Real-time Management Module (Gate Module)

   2. Ticket Counter Allocation and Real-time Management Module (Ticket Module)

   3. Baggage Makeup Carousel Allocation and Real-time Management Module (Bag Makeup Module)

   4. Baggage Breakdown Carousel Allocation and Real-time Management Module (Bag Breakdown Module).

C. Rule Base: The RMS shall include a rule base that allows definition of Airport specific rules. The rule base shall be flexible enough to take into account the many factors involved in assigning resources. The rule base shall assist in both the planning of gates and in real-time conflict resolution. The RMS shall provide user definable rule-definitions including physical limitations (e.g., gate can't support wide body aircraft), convenience rules (e.g., ground handling equipment location), and carrier preferences or restrictions. The initial configuration of the rule-base shall be performed by the supplying CONTRACTOR in direct coordination with the Airport representatives. The rule-base shall provide a simple to use rule-definition interface (no programming required) to facilitate long-term maintenance of the rule-base by Airport without CONTRACTOR support. The rule-base shall be coupled with an optimization routine. The optimization routine shall include the necessary algorithms to properly apply the rule-base to produce "best-fit" assignment(s).

D. Spot/Gate Module: The RMS Spot/Gate Module shall provide both a planning mode and a real-time (day of operation) mode. The RMS shall facilitate creation of seasonal schedules via a planning mode. The real-time mode shall assist Airport in managing changes due to various factors including delayed flight, ground equipment failure, and weather delays.

E. Ticket Counter Module: The RMS Ticket Counter Module shall assist in the assignment of airlines to ticket counters and in-line DAPP positions. The system shall take into account flight departure schedules and aircraft size to determine ticket counter demand per airline throughout the day, however, the system shall allow assignments to be made and adjusted independently of flight departure schedules.

F. Bag Claim Module: The RMS Bag Claim Module shall assist in the assignment of airlines and flights to baggage claim carousels. The system shall take into account flight arrival schedules and aircraft size to determine baggage claim carousel demand throughout the day and

provide BCAD with a recommended assignment schedule. The system shall also include the optional ability to fully automate the assignments of carousels. In this capacity bag claim carousel assignments shall be based on load balancing of carousels. As a flight arrives at the loading bridge, the bag claim carousel with the least demand shall be assigned. Other requirements such as airline bag claim sharing restrictions or bag claim out of service shall be accessed by the system when making bag claim assignments.

G. Bag Makeup Module: The RMS Bag Makeup Module shall provide flight to makeup module assignments. These assignments shall be based on the defined rule set. Assignments will typically be made the day prior to operation and passed to the Baggage Handling System (BHS) to ensure proper bag routing. This data shall be passed automatically via a BHS-AODB interface.

H. AODB: The AODB shall serve as the database for the RMS. The RMS shall be fully integrated with the AODB. The AODB development shall include defining control of shared fields between RMS, EVIDS, and other applications.

3.8.2 Module Requirements

A. Spot/Gate Module: The RMS shall have a module for planning / scheduling and real-time management of Gate allocation.

1. The Spot/Gate Module shall provide an integrated planning function and real-time gate allocation function for aircraft spots, gates and off-gate parking positions.

2. The module shall be able to manage a minimum of 53 gates and 15 off-gate parking positions.

3. The Spot/Gate Module shall optimize allocation of gates and off-gate parking positions using the RMS software, defined rule-base for the gates, and current flight information as a minimum.

4. The Spot/Gate Module shall aid in the planning of seasonal gate assignments for a minimum of up to two (2) years in advance. The gate planning shall occur off-line. The ability to save changes off-line and to upload changes into the on-line database shall be provided.

5. The real-time portion of the Spot/Gate Module shall aid ground control personnel in directing aircraft to their assigned gates and in reassigning gates, as conditions require. The module shall respond to changes in flight data by providing warnings and/or recommendations of optimal solutions.

B. Ticket Module: The RMS shall have an expandable module for planning / scheduling and real-time management of Ticket Counter and Re-check Counter allocation.

1. The Ticket Module shall provide an integrated planning function and real-time allocation function for assignment of ticket counters (i.e., main ticket counters, recheck-in counters, etc.) to specific carriers.

2. The module shall be able to manage a minimum of 400 ticket counter positions.

3. The Ticket Module shall aid in the planning of seasonal ticket counter assignments for a minimum of up to two (2) years in advance. The ticket planning shall occur off-line. The ability to save changes off-line and to upload changes into the on-line database shall be provided.

4. The Ticket Module planning function shall allow for planning/scheduling off-line.

5. The real-time function shall actively respond to changes in flight data, equipment failures, etc. by providing warnings and/or recommendations to the operator.

C. Bag Makeup Module: The RMS shall include a module for planning / scheduling and real-time management of Bag Makeup carousel allocation.

1. The Bag Makeup Module shall provide an integrated planning function and real-time function for the assignment of flights to baggage makeup carousels.

2. The module shall be able to manage a minimum of 40 makeup carousels.

3. The Bag Makeup Module shall aid Baggage Handling System (BHS) personnel in efficiently (‘optimally’) allocating flights to baggage makeup carousels to ensure balanced bag loads on each carousel.

4. The module shall be capable of both advanced planning and real-time adjustments to compensate for changes in flight schedules, etc.

5. The Bag Makeup Module shall aid in the planning of seasonal bag makeup carousel assignments for a minimum of up to two (2) years in advance. The planning shall occur off-line. The ability to save changes off-line and to upload changes into the on-line database shall be provided.

D. Bag Breakdown Module: The RMS shall have an expandable module for planning / scheduling and fully automatic real-time management of Bag Breakdown pier allocation.

1. The Bag Breakdown Module shall provide an integrated planning function and real-time function for the assignment of flights to baggage breakdown piers.

2. The Bag Breakdown Module shall aid in the planning of seasonal bag breakdown carousel assignments for a minimum of up to two (2) years in advance. The planning shall occur off-line. The ability to save changes off-line and to upload changes into the on-line database shall be provided.

3. The module shall be able to manage a minimum of 40 breakdown piers.

4. The module shall be able to provide for advanced planning of breakdown pier-to-flight assignments.

5. The module shall provide for adjustments to flight-to-pier assignments in real-time. The module shall have the ability to run in fully automatic in real-time optimizing flight-to-pier assignments without user intervention.

6. The system shall provide a configurable cutoff point for changes to the flight-to-claim assignment, when operating in fully automatic mode, so that the displayed flight and baggage information shall remain constant.

3.8.3 RMS Functionality

A. Changes to data in external systems (e.g., EVIDS) that impacts the RMS shall be updated in the RMS in real-time.

B. Changes to data in the RMS that impacts external systems (e.g., EVIDS) shall be updated to the external system(s) in real-time.

C. This data shall be passed via the AODB implemented by the CONTRACTOR.

D. Planning / Scheduling: The RMS shall aid in short and long term planning for all resources in order to prevent committing to over utilization of resources, to schedule for maintenance and construction, and to evaluate future variables (e.g., passenger demand, marketing requirements).

1. The software shall allow seasonal schedules to be loaded.

2. The software shall provide an off-line mode for planning.

3. The software shall allow the schedule created to be saved and then retrieved later for further manipulations.

4. The software shall support the ability to store and work with multiple scheduling scenarios for all resources supported.

5. The ability to transfer the schedule from off-line to on-line shall be provided.

E. Real-Time: The RMS shall aid Airport personnel in managing terminal resources during day-to-day operations.

1. The software shall respond to changes in external data that affect the allocation of terminal resources (e.g., flight arrival time updates in EVIDS)

2. The software shall allow authorized users to directly input changes into the RMS (e.g., loading bridge out of commission).

3. The software shall provide warnings/recommendations or automatically adjust resource assignments based on the external system data changes and authorized user input changes. The ability for the software to provide a recommendation or automatically adjust resources shall be a user configurable option.

4. Changes to resource assignments shall update to external systems via the AODB.

5. A minimum of ten (10) users shall be able to view resource assignments and concurrently modify allocations that are assigned to their control. The Gantt chart shall provide an indication of which user “owns” a resource.

F. Optimization Algorithms: The RMS shall utilize optimization algorithms. The optimization routines shall meet the following minimum requirements:

1. Logically evaluate rules and provide “best fit” resource assignments.

2. Take into account rule weighting factors.

3. Account for all time-based information (e.g., flight arrival and departure).

4. Analyze a minimum of five resolutions when a conflict occurs.

5. Optional: The system should utilize artificial intelligence (i.e., adapt its problem solving algorithms as it encounters and ‘learns’ from different scenarios).

6. The RMS shall provide the ability to perform “what if” scenarios. For example, a gate can be temporarily removed as an available gate, then optimization routines can be run.

G. Modes: The RMS shall provide the following modes of control for both planning and real-time operations for all resources:

1. Manual Planning: All resource assignments are performed manually. The system shall provide recommended resolutions at the user's request. The system shall provide warnings if any rules are violated by an assignment.

2. Manual Real-time: All resource re-assignments are performed manually. The system shall automatically detect conflict conditions but only provide a warning. The system shall provide recommended resolutions at the user's request. The system shall provide warnings if any rules are violated by an assignment.

3. Semi-Automatic Planning: The RMS shall generate step by step recommended resource assignments with user confirmation required prior to committing each assignment.

4. Semi-Automatic Real-time: The RMS shall automatically detect conflict conditions and provide recommended resolutions (in a prioritized list) requiring user confirmation.

5. Automatic Planning: The automatic mode shall generate a complete resource plan for a given schedule. The RMS shall automatically identify and assign the "best fit" resource allocation based on the rule base and schedule.

6. Automatic Real-time: The automatic mode shall automatically detect resource conflicts and rule violations and automatically re-assign the resource(s) as required. The system shall notify the user of any re-assignments as they occur. The system shall have a configurable cut off time for re-assigning any flight. The system shall allow manual override of assignments by an authorized user. Additionally, any flight or group of flights can be designated as' fixed' so that it cannot be re-assigned in automatic mode.

3.8.4 Rule Base

A. Rule-base: The RMS shall have a rule-base defined for each of the modules. The rule-base shall be an expert system as defined herein.

1. The rule-base shall logically define various physical limitations, operational restraints, preferences, etc.

2. The RMS shall utilize the rule-base to optimize resource allocation both for planning and in real-time.

3. Changes to operational conditions (e.g., flight delayed, equipment breakdown) shall generate warnings of resource assignment conflicts, recommendations of optimal solutions, or automatic resource re-

assignment (depending on the mode of operation). The warnings, recommendations, and/or re-assignments shall be based on the defined rule-base and the RMS optimization algorithms.

4. The CONTRACTOR shall provide the knowledge engineering required to set up the rule-base. The system shall allow authorized users to change resource constraints and rule definitions.

B. The rule-base shall be an expert system thereby providing easy to define rules as follows:

1. The rules shall be formatted with sentence-like structure.

2. No programming skills shall be required to define the rule-base.

C. Rules shall be definable for the following:

1. Physical restraints for a resource:

i Resource limits (e.g., gate limitations - location of fuel pits, wide body gate, narrow body gate, secondary lead-in lines, aircraft adjacency, and pushback conflicts).

ii Resource closed or out of commission.

2. Carrier considerations:

i Preferred resource for a carrier.

ii Carrier adjacency considerations (two carriers should/should not be placed adjacent)

3. Ground crew considerations:

i Location of ground handling equipment relative to resource.

ii Location of baggage make-up carousels relative to gate.

4. Passenger convenience (e.g., gate location relative to another gate).

5. Financial considerations (e.g., tow-on/tow-off costs).

6. Off-gate parking location relative to a gate.

7. Flight types (e.g., freight, charter).

8. Resource preference based on various factors:

i Flight arrival/departure time.

ii Flight turn around time.

iii Origin/destination of flight.

iv A flight with multiple flight numbers.

D. Hard and soft rules shall be definable. The ability to weight rules (e.g., importance of one through ten (1-10)) shall be provided.

E. The ability to logically combine rules shall be provided (e.g., AND, NOT, OR, NOR, XOR). The ability to layer rules shall be provided (e.g., if, then, else).

3.8.5 Knowledge Engineering

A. The CONTRACTOR shall carry-out all work required to develop and implement the rule-base for the RMS. The initial knowledge engineering shall be for a minimum of fifty-three (53) gates and fifteen (15) off gate parking positions.

B. The CONTRACTOR shall provide, at a minimum, the following services related to Knowledge Engineering:

1. Determine physical constraints of each resource.
2. Conduct personnel interviews as necessary and work closely with the various Airport Divisions involved.
3. Develop logic.
4. Define rules in the RMS.
5. Document rule development process (shall have detail such that another party could update the rule-base without duplicating effort or consulting original RMS CONTRACTOR).

3.8.6 RMS System Requirements

A. The RMS shall meet the requirements of Section 3.10, System and Software Requirements as a minimum. Additional system requirements are provided in the Contract Documents.

B. The RMS shall have an interface to manage data and the individual modules. The user interface shall provide a common look and feel for all RMS modules. Via the user interface, authorized users have the ability to select authorized module(s) to execute.

C. The RMS user interface shall include a color-coded Gantt chart listing each resource (i.e., gate, ticket counter, baggage make-up carousel, baggage breakdown pier) shall be used for each of the resource management modules. Time shall be shown on the horizontal axis and the resource shall be shown on the vertical axis.

D. When modifications are performed to certain areas of data, the RMS shall support the “re-building” of the affected areas only i.e., a complete schedule re-build will not be required.

E. The planning mode of all modules shall support multiple planning scenarios that can be individually saved. All saved scenarios shall have the capability to be input into active mode.

F. Resource status shall be updated using text, color coding, and other graphical coding (e.g., flashing). The color-code shall be user definable.

G. The Gantt chart shall be able to display contiguous resource allocations for multiple days. The User shall be able to easily and dynamically adjust the amount of time displayed from a minimum range of eight (8) hours to four (4) calendar days.

H. Pan and zoom features shall be provided. The zoom shall allow increasing/decreasing the number of resources and/or time frame displayed up/down to the maximum and minimum time frame. Pan shall allow the user to dynamically change the portion of the Gantt chart being displayed.

I. The real-time Gate Module shall provide a graphical representation of an aerial view of the Airport in addition to the Gantt chart view. On this display gate status shall be updated using aircraft icons, color-coding, and other graphical coding. The user shall be able to toggle between the Gantt chart and aerial view when in real-time Gate Management mode.

J. The system shall provide standard templates for developing schedules and planning. The ability to create user definable templates shall also be provided

K. The user shall be able to assign resources to resource groups and easily display one (1) or more resource groups dynamically as needed (for example, DAPP stands may be one (1) group and remote stands another group).

L. The system shall be able to display both allocated resources and unassigned resources.

M. The RMS shall provide standard and custom reporting capabilities.

N. Various levels of access shall be definable and controlled based on user login. The following levels of access shall be provided at a minimum:

1. View: User shall only be able to view planning and real-time information. The user shall not be able to make any changes.

2. Planning: User shall only be able to make changes in the resource planning mode.

3. Real-time: User shall only be able to make changes in the real-time mode.

4. Full: User shall be able to make changes in the planning and real-time mode.

5. The system shall have the ability to limit a user's access to a specified set of resources (e.g., gates 1-4, 9 and 10, Airlines A and C, etc.).

O. RMS Performance Requirements

1. In addition to the performance requirements identified in Section 3.10, the following is required:

   i Response Time: The CONTRACTOR shall state the maximum and minimum time required for a full optimization routine to run and schedule twenty-four (24) hours for fifty-three (53) gates and four hundred (400) flight operations (departures and arrivals). Any assumptions shall be noted (e.g., number of rules evaluated). The following criteria for system response shall be met:

      a The maximum time for any optimization routine to run from the initiation of the request by the user to the screen update shall not exceed five (5.0) minutes.

      b The maximum time for the system to respond to a change in flight data in the AODB shall not exceed one (1.0) minute.

P. Interface/Integration Requirements:

1. The RMS shall integrate with the AODB, EVIDS, DAPP, and LAN systems as necessary to provide the following functionality:

   i Control resource assignments and initiate resource changes affecting LAN and DAPP. RMS assignments shall result in the LAN and DAPP assigning the required virtual network to the specific network port to allow communications only by the assigned airline at the assigned gate.

   ii Activate specific gate, ticket counter, and passenger loading bridge equipment (including workstation and other peripherals, and VoIP telephone handset) upon assignment of the affiliated resource position. This functionality shall also require the VoIP telephone set to be provisioned to the appropriate defined class of service for the particular tenant. The County is utilizing a Nortel PBX/VoIP hybrid solution to provide telephony service throughout the FLL campus. The CONTRACTOR shall provide all necessary integration with this system to provide the described functionality.

iii Other specific requirements shall be defined by CONTRACTOR during the development of the Interface Design Documents.

2. The RMS shall accommodate the various schedule input methodologies of the airlines present at FLL. Individual airline schedule interfaces to the RMS shall be defined and documented in Interface Definition Documents.

3.8.7 RMS Hardware Requirements

A. The RMS shall meet the requirements defined in Section 3.9, Hardware Requirements.

B. The CONTRACTOR shall provide ten (10) workstations. The location of these devices shall be coordinated with the County.

3.8.8 Expansion

A. The system shall be designed such that adding a workstation, gate, carousel, conveyor, counter, or airline shall not have a negative impact on the RMS. For example, adding an airline to the RMS shall have no impact on the overall system design. The system shall be able to expand to include:

1. 100 gates

2. 800 ticket counters

3. 100 baggage breakdown / makeup conveyors.

B. At the time of Final System Acceptance, all hardware shall have a minimum of fifty percent (50%) reserve capacity, with the capability to double the capacity with no change in design. Hard disk, CD-ROMs, and tape units capacities shall be based on formatted capacity. System reserve capacity shall be based on the maximum continual working load.

3.9 HARDWARE REQUIREMENTS - The Contractor shall comply with the requirements set forth in this Section 3.9.

3.9.1 General Requirements

A. The AIMS, as defined in this document, shall include all configured hardware necessary for a fully functional system. The CONTRACTOR shall supply all cabling, connectors, adapters, and termination equipment necessary to interconnect all system hardware. All hardware and materials shall be new.

B. Hardware requirements given are the minimum requirements. The CONTRACTOR's product shall meet or exceed these requirements. The

hardware selected shall meet the operational, functional, and performance requirements specified herein.

C. Refer to drawings for hardware quantities to be provided.

D. The CONTRACTOR may propose a substitution for specific hardware requirements for approval from the County. Requests for hardware substitution shall be submitted in writing and include the hardware cut sheet, the exact configuration being proposed, and a comparison of the proposed equipment versus the specified equipment.

E. The CONTRACTOR is responsible for providing fans, shelves, drawers, special power wiring, ground connections, cables, connectors, appurtenances, and adapters of any kind necessary to accommodate the system installation, operation, testing, and maintenance.

3.9.2 Contemporary Technical and Operational Equivalent

A. Due to the rapid advancement and antiquation of hardware technology, the supplied hardware shall be the "contemporary technical and operational equivalent" of the specified hardware. The following requirements shall be met:

1. Contemporary technical and operational equivalent shall be based on a comparison of technology at the time of Contract to the technology at the time of ordering the equipment for each phase.

2. Hardware shall be ordered as close to the actual installation date for a given phase as reasonable (i.e., latest responsible date). Final hardware approval and scheduled order date are at the sole discretion of the County.

3. Hardware equivalence shall be based on both technical equivalence and operational equivalence.

4. Contemporary technical equivalence shall be based on device performance and class specifications. For example, if a 1.4 GHz Intel Pentium 4 processor was specified in January of 2001, then the contemporary technical equivalent in September of 2004 would be a 3.40 GHz Intel Pentium 4 processor.

5. Contemporary operational equivalence shall be based on industry standards and function. For example, if a 48x EIDE CD-RW drive was specified in January 2001, then the contemporary technical equivalent in September of 2004 would be a 16X DVD+RW/+R drive.

3.9.3 Supporting Infrastructure

A. Passive Infrastructure: Provide final equipment connection to network. Provide the necessary patch cables, equipment cables, and work area cables. It is the CONTRACTOR's responsibility to fully review the passive infrastructure components not provided by this project and identify in writing where the infrastructure does not meet the CONTRACTOR's requirements.

B. Hardware Structures: The CONTRACTOR is responsible for providing all hardware and case work required for final installation. The CONTRACTOR shall be responsible for performing the appropriate coordination with the County, and other construction package coordinators to ensure all AIMS equipment (display devices, workstations, gate and ticket counter equipment, etc.) will be accommodated by casework. The CONTRACTOR will be required to create and submit shop drawing component drawings detailing the exact mounting requirements for each component and device to be supplied by the Contract Documents as well as the detail information for the casework that is to be installed to support the AIMS devices.

C. Equipment racks: The CONTRACTOR shall be responsible for supply and installation of any additional equipment racks that may be required for equipment installation with the telecommunication rooms. The CONTRACTOR shall coordinate with the County's Project Manager to determine installation location for all equipment that is to be placed with the telecommunication rooms.

1. Equipment located in the telecommunication rooms shall be rack mounted in standard 19-inch racks within a cabinet enclosure.

2. The CONTRACTOR shall provide the appropriate factory or custom rack mount adapters for all equipment installed in the equipment rack, whether specifically itemized or not.

3. The CONTRACTOR shall cover unused slots using blank panels.

3.9.4 Environmental Rating

A. Equipment shall be rated for continuous operation under the ambient environmental temperature, humidity, and vibration conditions encountered at the installed location. For devices located in harsh environments such as interior uncontrolled or exterior environments, the CONTRACTOR shall provide the necessary industrialization or enclosures to ensure proper equipment operation and performance.

B. The equipment shall meet the following requirements based on installation location:

1. Interior controlled environment: 60°F to 100°F dry bulb and 20 to 90 percent relative humidity, non-condensing. Communication rooms shall be considered this type of environment.

2. Interior, uncontrolled environment: 0°F to 130°F dry bulb and 10 to 95 percent relative humidity, non-condensing. Baggage make-up and breakdown areas shall be considered this type of environment

3. Exterior environments: 0°F degrees to 130°F dry bulb and 10 to 100 percent relative humidity, condensing.

3.9.5 HEAD-END DEVICES

A. Minimum Server Requirements

1. The CONTRACTOR shall recommend and provide the server configuration that best serves the CONTRACTOR's overall design solution. Servers shall be from a reputable manufacturer capable of a high level of maintenance and service. The various server requirements stated herein are not intended to limit the AIMS. The CONTRACTOR may submit alternative solutions to any of the server configuration requirements. A brief explanation of equivalency or benefits shall accompany alternative solutions.

2. The servers shall be fault tolerant via clustering, mirroring or other vendor technology. The implemented configuration shall allow a server to be powered down and replaced without disruption to the network or applications. Server failover shall occur if the primary server fails for any number of reasons including: power failure, hardware failure, software failure, and network connection failure. Multiple load sharing application servers or other configurations shall be considered viable alternatives to redundant application server pairs if equivalent or improved system redundancy and resiliency can be demonstrated. The system shall support the ability to locate all servers in separate locations to provide physical redundancy.

3. Servers shall be standard 19-inch rack mountable.

4. Servers shall be capable of upgrading the number of processor units by simply adding another processor or processor card.

5. Servers shall be "dual-homed" to the LAN core switches via server grade Gigabit Ethernet NICs. Final requirements and configuration shall be coordinated with the County.

6. Disk Storage: Total useable disk capacity shall be at least 4 times the estimated storage requirements of the application and operating system. RAID shall be implemented as best suits the application. Internal RAID 5 shall be provided unless justification for alternative

configuration is provided. RAID shall not be implemented via the operating system, but by a hardware controller. Disk arrays shall have open frames to allow the capacity to be doubled by addition of RAID drives without system shutdown. At least one drive per array should be in hot standby with automatic failover controlled by the RAID controller.

7. Monitor: Shared rack-mounted monitor per rack (provide rack-mounted input switching device). The monitor provided shall meet the requirements provided under the section titled AIMS Monitors.

8. Servers shall be configured to meet or exceed the minimum hardware requirements detailed below and also meet or exceed the performance, operational, and functional requirements of this Specification.

B. File Server Requirements

1. Two (2) 2.8 GHz processors (latest version) with 1MB cache. Architecture should be Intel or RISC as required by the operating system.

2. 1 GB DDR2 400 MHz RAM. Sufficient memory shall be provided to meet the maximum transaction load and ensure the memory is never a restriction on system performance

3. Minimum 72 GB useable internal hardware RAID 5 disk storage (10,000 rpm)

4. Two (2) NICs (server-class card) for LAN connection (coordinate network requirements with network administrator)

5. Minimum 72 GB internal Tape Backup Unit with SCSI card and back up software

6. 24X IDE CD-RW/DVD ROM drive

7. Remote Access Card

8. Multiple hot-pluggable redundant power supplies

9. Standard windows keyboard and USB 2-button wheel mouse

10. Minimum of two (2) USB 2.0 ports

C. Application Server Requirements

1. Two (2) 3.2 GHz processors (latest version) with 1MB cache. Architecture should be Intel or RISC as required by the operating system.

2. 4 GB DDR2 400 MHz RAM. Sufficient memory shall be provided to meet the maximum transaction load and ensure the memory is never a restriction on system performance
3. Minimum 36 GB useable internal hardware RAID 5 disk storage (10,000 rpm)
4. Two (2) NICs (server-class card) for LAN connection (coordinate network requirements with network administrator)
5. Minimum 36 GB internal Tape Backup Unit with SCSI card and back up software
6. 24X IDE CD-RW/DVD ROM drive
7. Remote Access Card
8. Multiple hot-pluggable redundant power supplies
9. Standard windows keyboard and USB 2-button wheel mouse
10. Minimum of two (2) USB 2.0 ports

D. Database Server Requirements

1. Four (4) 2.7 GHz processors (latest version) with 2 MB cache. Architecture should be Intel or RISC as required by the operating system.
2. 8 GB DDR Mirroring. Sufficient memory shall be provided to meet the maximum transaction load and ensure the memory is never a restriction on system performance
3. Minimum 144 GB useable internal hardware RAID 5 disk storage (10,000 rpm)
4. Two (2) Host Bus Adapters for redundant data storage system interface (refer to data storage system requirements for further details)
5. Two (2) NICs (server-class card) for LAN connection (coordinate network requirements with network administrator)
6. Minimum 144 GB internal Tape Backup Unit with SCSI card and back-up software
7. 24X IDE CD-RW/DVD ROM drive
8. Remote Access Card
9. Minimum of two (2) USB ports
10. Multiple hot-pluggable redundant power supplies

11. Standard windows keyboard and USB 2-button wheel mouse

E. Data Storage System

1. Network Attached Storage (NAS) shall be provided to accommodate data archival.
2. The NAS shall meeting the following minimum requirements:
   - i 3 GHz processor
   - ii Configured as a RAID Level 5 array
   - iii Minimum of 1 TB of useable disk space and expandable to 3 TB of useable disk space
   - iv ATA IDE hard drives
   - v Dual-homed to LAN via 10/100/1000 Gigabit Ethernet NICs
3. The NAS shall utilize Veritas Enterprise (latest version) archiving software and the CONTRACTOR shall provide the necessary licenses
4. The NAS shall include a tape back up that meets the following requirements:
   - i SDLT 320 tape technology
   - ii Minimum storage capacity shall be 1 TB uncompressed and expandable to 3 TB storage capacity uncompressed
   - iii Backup rate of 120GB/hr uncompressed

F. Uninterruptible Power Supplies

1. All server and local area network equipment installed in telecommunication rooms shall be UPS backed to prevent unnecessary service interruptions. The CONTRACTOR shall be responsible for coordinating with the County to ensure that existing UPS capacity will support the additional load of the new equipment. In any case where new hardware is installed in a location where the capacity of the existing UPS is exceeded, it shall be the responsibility of the CONTRACTOR to supplement or replace the UPS in such a fashion that the UPS is capable of supporting required load for the minimum period of time.
2. The UPS equipment shall have batteries that are capable of being replaced in the field.
3. The UPS interface port shall have a 10 Base-T Ethernet for LAN management.
4. Each UPS shall provide a minimum of 30 minutes standby power at full load.

5. The UPS shall be rack mountable in a standard 19 inch equipment rack/cabinet.
6. The control panel shall have a LED status display for load and battery bar-graphs in addition to replace battery and overload indicators.
7. Each UPS shall include software and interface card to provide Web/SNMP management through 10Base-T Ethernet port. Management software shall include the following attributes:
   i Shall allow complete configuration of the UPS devices from a remote location
   ii Shall provide periodic UPS self-tests
   iii Shall provide full control over UPS transfer settings
   iv Shall provide user name and password security
   v Shall log all power events with a description
8. Standard UPS warranty of two years shall be provided. CONTRACTOR shall submit recommended standard and optional warranty and maintenance plan per the Contract Documents.

3.9.6 System PC's

A. Performance Workstation

1. 3.6 GHz Pentium 4 processor with hyper threading technology
2. 4 GB DDR2 SDRAM
3. 160 GB ATA Hard Drive (7200 rpm)
4. 10/100/1000 Mbps Ethernet card
5. 128 MB PCI Video card
6. 48x CD-RW drive plus 16x DVD+RW/+R drive
7. 2 serial ports, 1 parallel port, and 4 2.0 USB 2.0 ports
8. Standard windows keyboard and USB 2-button wheel mouse
9. 21-in LCD monitor (refer to monitor requirements)

B. Standard Workstation

1. 3.2 GHz Pentium 4 processor with 1 MB cache
2. 1 GB RDRAM
3. 80 GB ATA Hard Drive (7200 rpm)

4. 10/100 Mbps Ethernet card (auto-negotiating)
5. 64 MB PCI Video card
6. 48x CD-ROM
7. 2 serial ports, 1 parallel port, and 4 USB 2.0 ports
8. Standard windows keyboard and USB 2-button wheel mouse
9. 17-in LCD monitor (refer to monitor requirements)

C. Display Device Controllers

1. Device Display Controller (DDC): The Device Display Controller (DDC) shall be used by the EVIDS to control the display output of video monitors. Each DDC shall have a unique TCP/IP address and shall communicate via the EVIDS Virtual Local Area Network (VLAN). Currently County is using the Wyse V90 LE.
   - i 1.2 GHz VIA C7 Eden
   - ii 1 GB DDR RAM
   - iii 1 GB Flash Memory
   - iv 10/100 Mbps Ethernet card (auto-negotiating)
   - v Dual Display, Embeded Video
   - vi 1 serial RS232 port, 1 parallel port, and 3 USB 2.0 ports
   - vii Standard windows keyboard and USB 2-button wheel mouse

3.9.7 Integrated system devices

A. CUSS Kiosk

1. The CUSS Kiosks shall be full function kiosk with a modular design for improved scalability. It shall provide ease of use. A lockable panel shall be provided for easy authorized access to internal components for maintenance. The kiosks shall conform to the following, as a minimum:
   - i Compliance with IATA/ATA
   - ii Compliance with ADA
   - iii Stand-alone version
   - iv 17-in touch screen, card reader, and ticket printer
   - v Powered by a PC meeting the requirements of a performance workstation
   - vi Baggage tag printer

vii Thermal 1D/2D barcode printer

viii Card reader (credit card or frequent flyer card)

ix Passport reader

x Optional 1D/2D barcode reader

xi Compatible with IEEE 802.11 wireless communications

xii Ability to provide customization with County specific signage and markings (to be coordinated with the County)

xiii Include a leaflet holder (May be included as part of millwork)

xiv Be supported by CUSS middleware

xv Include CUSS remote monitoring software to manage both the hardware and the CUSS applications of the kiosk

3.9.8 Gate Input Workstation (GIW)

A. The gate input workstations will be used to interact with the EVIDS including visual paging and to update and view EVIDS data. All GIW workstations shall include a 15" flat touch-screen.

B. The GIW workstations shall be used in the following locations:

1. Gate Counters
2. Passenger Loading Bridge (PLB) area
3. Ticket Counters

C. Hardware requirements for the GIW workstations shall meet the minimum requirements of the "Standard Workstation" defined under System PCs.

3.9.9 Airport Communications Center Workstations

A. Ten (10) positions located in the Communications Center and other areas throughout the Airport shall incorporate a flat-screen workstation for interaction / administration of the RMS. These workstations with flat-screen shall adhere to the following requirements, at a minimum.

B. Quantity: Ten (10)

C. Location: Communications Center and other areas to be determined

D. Flat-screen component shall meet the following requirements:

1. 20-inch viewable TFT LCD flat-screen
2. Color-range of 16.7 million colors (8-bit color depth).

3. Graphics and text shall be displayed at up to 1024 x 768 pixels.
4. Workstation components shall meet the minimum requirements of the "Standard Workstation" defined under System PCs.

3.9.10 Workstation Monitors

A. 17-in flat screen monitor shall meet the following minimum requirements:
   1. 1280 x 1024 @ 75 Hz refresh rate
   2. Pixel Pitch 0.264mm (H) × 0.264mm (V)
   3. 4:3 aspect ratio
   4. 17-in viewable area
   5. Viewing angle of 140 degrees
   6. Contrast ratio of 400:1
   7. Brightness of 250 candelas/meter2

B. 20-in LCD monitor shall meet the requirements of 20-in LCD displays under LCD displays.

3.9.11 LCD Information Displays

A. 20-in LCD: 20-in LCD monitor shall meet the following minimum requirements:
   1. 1600 x 1200 native resolution
   2. 0.255 mm pixel pitch
   3. 16:9 aspect ratio
   4. Response time 16 ms
   5. Viewing angle minimum 170 degrees
   6. Contrast ratio of 400:1
   7. Brightness of 250 candelas/meter^2
   8. NEC Model LCD2070NX-BK

B. 32-in LCD: 32-in LCD monitor shall meet the following minimum requirements:
   1. 1366 x 768
   2. 0.511 mm pixel pitch

3. 16:9 aspect ratio
4. Viewing angle of 176 degrees
5. Contrast ratio of 600:1
6. Response time 18 ms
7. Brightness of 500 candelas/meter^2
8. NEC Model LCD3210-BK

C. 40-in LCD: 40-in LCD monitor shall meet the following minimum requirements:

1. 1366 x 768
2. 0.641 mm pixel pitch
3. 16:9 aspect ratio
4. Viewing angle of 176 degrees
5. Contrast ratio of 1000:1
6. Brightness of 450 candelas/meter^2
7. NEC Model LCD4010-BK

D. 46-in LCD: 46-in LCD monitor shall meet the following minimum requirements:

1. 1366 x 768
2. 0.746 mm dot pitch
3. Viewing angle of 178 degrees
4. Contrast ratio of 1000:1
5. Brightness of 450 candelas/meter^2
6. NEC Model LCD4610-BK

3.9.12 LED Information Displays

A. LED Pixel Type:

1. The LED display shall contain a tri-colored full LED matrix.
2. The matrix shall display messages that are continuous, uniform and unbroken in appearance to the intended viewing audience.

3. The matrix panel shall consist of three-color options: Red, Green, and Amber (Yellow).
4. The Amber (Yellow) color shall be achieved by turning on the Red and Green LEDs in sequence.
5. The matrix panel background shall be black.
6. Each display pixel shall be comprise of Red (660 nm dominate wavelength) and Green (565 nm dominate wavelength) LEDs within a single chip.
7. LED pixel size shall maintain a consistent diameter of 0.2 inches or 0.05 centimeters
8. LED pixel spacing is required to maintain a minimum center-to-center spacing of 0.3 inches (0.8 centimeters) for 2.1-inch character height.
9. The LEDs shall maintain intensity greater than 80% for a minimum of three years.
10. All LED chips shall have a minimum of 120-degree (180 degree preferred) horizontal (x-axis) viewing angle in low ambient light conditions and/or 35 degrees in sunlight conditions.
11. Pixels shall be constructed with chip-type (surface mount) LEDs. Chip-type (surface mount) LEDs shall conform to the following specifications:
    - i LEDs shall be high-bright, 70 mcd minimum, solid-state light emitting diodes for in-door applications.
    - ii LED use in direct sunlight conditions requires ultra-bright, 300 mcd minimum, and solid-state light emitting diodes for in-door applications.
    - iii LEDs of the same color shall be from the same manufacturer and of the same part number.
    - iv Maximum LED wavelength variance shall be +/- 2 nanometers (nm).
    - v LED half-life shall be a minimum of 100,000 hours of continuous use.
    - vi Letter of certification from the LED manufacturer is required for proper testing and binning according to International Commission on Illumination (CIE 127 (1997) standards).

B. LED Module:

1. The failure of a single pixel shall not cause the failure of any other pixel in the display.

C. LED Display:

1. LED Dot Matrix/Pixel Array

   i The pixel matrix shall be capable of displaying alphanumeric character fonts and shall be two lines with twenty-four characters on each line.

   ii The character set shall support an International character set. This set shall include block (sans serif), decorative (serif), upper/lower case, slim, wide, and doublewide characters.

   iii The sign shall be able to display messages composed of any combination of alphanumeric text, punctuation symbols, and graphic images.

D. Housing Characteristics:

1. The LED display housing shall be constructed of new high quality material that resists corrosion, degradation, and oxidation despite scratches to the housing.

2. The housing design shall be weather-tight and shall include protection from vandalism.

3. All housing materials must be pre-approved by a licensed Engineer before acceptance.

4. The display housing shall provide safe and convenient front service access for all modular assemblies, components, wiring and other materials located within the housing.

5. Service access shall be easily obtained by removing individual LED modules. Internal components shall be accessed by removing the associated modules.

6. Housing Frame:

   i Extruded Aluminum

7. Mounting Options:

   i Brackets

   ii Hardware to accommodate ceiling and wall mounting methods, per manufacturing specifications.

8. Lens Panel:

   i The lens panel of LED display shall be covered with an impact resistant polycarbonate (PC), non-glare, LEXAN material or approved equal.

ii The LED display must be readable in all ambient light conditions including direct sunlight.

iii Lens surface material must contain a 90% ultraviolet (UV) inhibitors clear glazing to protect from fading and/or yellowing to lens panel.

iv All lens materials must be pre-approved by a licensed Engineer before acceptance.

E. Maintenance Access Door

1. The display housing shall provide safe and convenient front service access for all modular assemblies, components, wiring and other materials located within the housing.
2. Front service access panel must be able to stay opened, in a locked position, for servicing.
3. Service access shall be easily obtained by removing individual LED modules.
4. Removing the associated modules shall access internal components.

F. Controller:

1. The primary face of the display shall have its own controller, which can be individually addressed by its hardware and shall be able to run independently from the controlling computer allowing displays to operate even when computer or software is turned off.
2. Communication to the LED display(s) shall be via the LAN (TCP/IP). The LED devices shall include all required Network Interface Cards (NIC) and appurtenances to support this communication.
3. Any new controllers shall be fully compatible with the existing LED devices.

G. Electrical:

1. The LED modules shall be powered with regulated switching DC power supplies.
2. Power supplies shall protect the LED pixel matrix and driver circuitry in the event of power spikes and surges.
3. Wiring for the LED display modules and other internal components shall be installed in the housing in a neat and professional manner. Wiring shall not impede the removal of display modules, power supplies or other sign components. Wires shall not make contact with or be bent around sharp metal edges. All wiring shall conform to the National Electric Code (NEC).

4. All high voltage electrical components used within the display shall be UL listed.

5. Power Supply:

   i The display power supplies shall operate from a 120 VAC, 60Hz single-phase power source, including neutral and earth grounding.

6. Safety:

   i Thermal-magnetic circuit breaker must be installed at display housing for additional protection.

   ii No exposed wiring is permitted outside of display.

H. Testing

1. Letter of certification from the LED manufacturer is required for proper testing and binning according to International Commission on Illumination (CIE 127 (1997) standards).

3.9.13 Peripherals

A. Baggage Input Console

1. Baggage Input Consoles (BIC): There will be Baggage Input Consoles located throughout the baggage breakdown area for use by the baggage handlers. The BICS shall have the following minimum attributes:

   i The BIC shall be a workstation with an integrated touch-screen with the following minimum requirements:

      a Pentium III 500 MHz.

      b 256 MB DRAM.

      c Internal 10 GB hard drive.

      d Integrated, bus-mastering Fast Ethernet (10 / 100 Mbps) controller.

      e 8 MB video adapter.

      f 15” LCD TFT resistive touch-screen capable of 1024x768 resolution.

      g Rugged, spill resistant ABS housing suitable for harsh, high-use environments such as the baggage make-up levels of the Airport.

   ii The CONTRACTOR shall provide materials to mount and attach the BICs in the required area of intended operation. The CONTRACTOR shall coordinate exact BIC mounting locations with the County.

B. 2D Ticket Printer

1. A receipt style printer shall be provided that is able to print 2D (PDF417) barcodes. The barcodes shall include machine-readable boarding pass data formatted to support single segment, multi-segment, and interline data encoding.
2. Interface: USB
3. The CONTRACTOR is required to determine additional 2D printer requirements in coordination with tenant requirements.

C. Bag Tag Printer (BTP)

1. Provide IER 512 or County approved equivalent substitution for the BTP
2. Interface: Ethernet LAN (TCP/IP)
3. The printers shall be set up for direct thermal printing only. The printers shall not include a cutter or burster.
4. The BTP shall conform to the IATA resolutions relating to ATB's and shall be compatible with the AEA specification for PECTAB's. All required firmware shall be provided and installed.
5. The CONTRACTOR is required to determine additional bag tag printer requirements in coordination with tenant requirements.

D. Magnetic Strip Reader (MSR) / Optical Character Recognition (OCR)

1. Desko BMOL 4000 with integrated OCR, MSR or County approved equivalent substitution. Option pricing shall be provided for the AiT PAX Reader.
2. The MSR at a minimum shall be a 4-Track uni-directional MSR. The MSR shall be capable of reading IATA standard encoded magnetic strips and ISO 7811. The device shall be cable of reading ATB1 and ATB2 Tickets, frequent flyer cards, and credit cards.
3. The OCR shall be capable of reading passports and other standard travel documents.
4. Per unit option pricing shall be provided for a bar code scanner, smart card reader, photo ID scanner, and fingerprint sensor along with the required drivers.
5. The CONTRACTOR is required to determine additional MSR/OCR requirements in coordination with tenant requirements.

E. Boarding Gate Reader (BGR)

1. The supplied BGR shall read 2D bar code printed boarding documents and shall support the various functional requirements of all airlines supported by the AIMS.
2. All required firmware shall be provided and installed.
3. The CONTRACTOR is required to determine additional boarding gate reader requirements in coordination with tenant requirements.

F. DAPP Standard Printer (DOC)

1. LaserJet printer with the following minimum specifications:
   - i Print speed up to 25 pages per minute (ppm)
   - ii Utilize laser print technology
   - iii 1200 x 1200 dpi resolution
   - iv Two (2) paper trays
   - v Support 8.5 x 11 and 8.5 x 14 inch paper
   - vi Minimum memory 64 MB
   - vii IP addressable
2. The CONTRACTOR is required to determine additional document printer requirements in coordination with tenant requirements.

G. General Document Printer

1. Provide two (2) general document printers. The location of the printers shall be coordinated with the County.
2. The specifications shall be that of the DAPP Standard Printer.

3.9.14 Local Area Network Equipment

A. Access Layer Network Switch

1. Minimum 24 Port Standard Multi-Layer Software Image (SMI) switch, must include a minimum 10% spare ports
2. Support Power Over Ethernet (PoE)
3. Include two (2) Gigabit Small Form Factor Pluggable (SFP) ports
4. Include two SFP Gigabit LX (long haul, single mode/multi mode fiber) modules
5. Provide appropriate GBIC or SFP modules for connection to the core network switch
6. 110V power

7. Include annual maintenance agreement
8. Cisco 3560 series device

3.10 SYSTEM AND SOFTWARE REQUIREMENTS - The Contractor shall comply with the requirements set forth in this Section 3.10.

3.10.1 General Requirements

A. The requirements throughout this section apply to each of the AIMS, as defined in the Contract Documents, unless specifically noted otherwise. Each individual system and application provided now or in the future shall meet these standards as a minimum.

B. The AIMS shall facilitate integration of other applications.

C. The AIMS shall facilitate the implementation of any federally mandated applications.

3.10.2 Software

A. Software provided shall be at least 32-bit based applications. Software shall be built around a compliant operating system as defined in the Contract Documents.

B. The CONTRACTOR shall deliver all required system and application software for a fully functioning Integrated AIMS. Each shall be identified by the generic, off-the-shelf name. The software provided by the CONTRACTOR to operate the AIMS shall be delivered in a ready-to-run form, including all necessary utility programs and documentation.

C. The software shall be fully date compliant.

D. The systems shall use industry standard components. The systems shall not contain any proprietary interfaces or components. The system shall use industry standard application development software such as Java, JavaScript, Perl, Visual Basic, C/C++ and XML. County approval shall be required for use of alternative application development software.

E. All new inter-relationships between the applications, databases, and operating system shall be the responsibility of the CONTRACTOR.

3.10.3 User Interface

A. The AIMS shall have an interface to manage data and the individual applications. The user interface shall provide a common look and feel for each Integrated AIMS Component application.

B. The user interface shall, to the extent feasible, be web enabled to provide additional flexibility for the users of the system.

C. The client Operating System user interface shall be configured to limit access to each application based on user login. Authorized users shall select an authorized application(s) to execute (e.g., DAPP, EVIDS, AODB, RMS application) from the client desktop.

D. Software modules shall have a Graphical User Interface (GUI) and use a true windowing navigation interface.

E. The system shall support a pointing device, touch screen, and keyboard interface. Standard pointing device actions shall have a "hot key" equivalent. Pointing device functions without a “hot key” equivalent shall be noted.

F. The systems shall provide context sensitive, on-line help capabilities. The online help system shall contain enough information to inform the user of the nature of the current form/window, and provide a reference for the user to gather further information. The CONTRACTOR shall populate the on-line help messages prior to Performance Verification Testing and provide a facility for maintenance and update of online help.

3.10.4 Architecture Requirements

A. Operating System

1. Server Operating System: The CONTRACTOR shall select a standardized Operating System to use across all servers such as Windows (latest version). The server operating system shall support Symmetric Multi-Processing (SMP). AIMS applications provided shall take advantage of the SMP server capabilities.

2. Client Operating System: Client and desktop devices shall use the Windows XP Professional operating system, or County approved equivalent.

3. The operating system for the CONTRACTOR’s products shall meet the minimum criteria below. All exceptions shall be noted in the Proposal response.

   i 64-bit, multi-tasking, multi-threading.

   ii Support TCP/IP network protocol.

   iii Latest version and service pack of the operating system at time of initiation of systems testing.

B. System Architecture

1. The systems shall adhere to a Client / Server model. The end devices shall be the clients to the primary/secondary servers. All information shall be communicated between the server(s) and the clients via the assigned Virtual Local Area Network (VLAN).

2. Network connectivity shall be via the assigned VLAN on the FLL PDS. Network communications shall utilize TCP/IP network communications protocol. The CONTRACTOR shall identify the network bandwidth requirements such as 10 Mb, 100 Mb, or Gigabit Ethernet.

3. End device addressing shall be coordinated with the County.

4. Sufficient resiliency / redundancy and logic shall be provided to assure that the availability objectives (refer to Performance Requirements, Section 3.10.5) can be met without manual intervention. All major system hardware components shall be designed so that there is not any single point of failure that can cause operations to be disrupted.

5. The system shall synchronize the date and time on all devices. The system servers shall receive a time synchronization signal from the local area network using the Network Time Protocol (NTP)..

6. The systems shall use industry standard components. The systems shall not contain any proprietary interfaces or components.

7. System components shall be independent and capable of co-existing on the system to allow for an increased level of capacity. Modular design and flexibility shall be provided for easy expansion of the system without degradation to the system's performance.

C. Database

1. The requirements below apply to the portions of the AIMS that require database features.

2. The provided database(s) shall be capable of supporting real time data warehousing. The database(s) shall use a common relational database to store all data. The database(s) shall be based on accepted and recognized industry standards.

3. The database(s) shall be open database connectivity (ODBC) compliant and support the simple object access protocol (SOAP).

4. Database Architecture: The database(s) shall meet the following requirements:

   i Provide read consistency (data seen by a statement is consistent with respect to a single point-in-time)

   ii Provide creation of a read-consistent set of data when a table is being queried (read) and simultaneously updated (written)

iii Provide original data values upon query when updated transaction remains uncommitted

iv Utilize rollback methodology for uncommitted transactions

v Utilize record locking mechanisms to prevent simultaneous updates to the same record. Only the record(s) being updated shall be locked.

vi Provide support for both distributed processing and distributed multiple databases along with standard DML operations, including queries, inserts, updates, and deletes of remote table data

vii Provide support for automatic recovery from system or network failures (i.e., automatically commits or rolls back any in-doubt distributed transactions consistently on all involved nodes when a failure occurs)

a Provide referential integrity for all data such that modifications to current data does not affect historical data

b Provide capability of online "live" backup of all database objects

c Provide capability of "point of failure" recovery of all database objects within one hour of the failure (i.e., dump transaction logs hourly) with a native utility package.

5. Database Security: Third-party database and reporting tools shall support database security functions. Database security shall include the following items as a minimum:

i Encryption capability for defined data fields within database objects such as tables or views

ii Prevention of unauthorized database access

iii Prevention of unauthorized access to schema objects

iv Control of system resource usage (such as CPU time)

v Auditing of user actions and database transactions

vi Assignment of valid username/password combinations

vii Assignment and control of resource limits for a user including hardware, database and application resources

viii Control of user access rights including database, table, record and field level authority

ix Control of which system functions a user can perform.

6. The CONTRACTOR shall submit all database schema(s) for review and approval. The CONTRACTOR shall coordinate with the County, airlines, and applicable third party vendors to identify unique database requirements. The CONTRACTOR shall add needed fields as

requested by the County. The database(s) shall be designed such that the addition of fields and/or tables is easily accommodated. The database schema shall be provided in a chart format showing all tables, key fields, and hierarchical relationships.

7. SQL: The utilized native structured programming language shall be storable in the database. The database shall employ a native structured programming language that can utilize standard Structured Query Language (SQL) which includes the following:
   - i Data Definition Language (DDL) statements
   - ii Data Manipulation Language (DML) statements
   - iii Transaction control statements
   - iv Session control statements
   - v System control statements
   - vi Embedded SQL statements
8. Database Maintenance: The database maintenance system shall be capable of maintaining configuration control (i.e., keep track of changes and compare versions of the database). Database maintenance software shall be provided to allow modification of designated database fields. Database documentation shall be provided to enable the updating or regeneration of the database tables when inputs are changed and added and as programs are modified or added.
9. Archival Viewing: The database shall provide an archive capability that provides “near time” retrieval of archived data. The data held within the “operational” portion of the database shall include a minimum of 7 calendar days of operational data. The CONTRACTOR shall propose, and submit for approval, the maximum amount of operational data to be stored for real time access that will not impact the efficiency of the database. In addition to real-time (daily) operational data, the database shall provide the ability to generate real-time reports for operational data for a minimum of thirty-six (36) months.
10. The database shall include the functionality and capability to allow the authorized user to view or report on historical data. If the user wishes to view or report on data which has been archived, an automated mechanism shall be provided to have the requested data put online. The methodology for providing this functionality must be approved by the County prior to implementation.

3.10.5 Security, Performance and Management

A. Security

1. Authorized users shall log into the system using a unique user name and password. Depending on assigned user access privileges, the user shall be either granted or denied access to individual applications. In no case shall any user identified via user name and password as an airline employee or any other user without proper authorization gain access to any other airline's data, other than that pertaining to their own flights and baggage. Data that can be viewed at the user's workstation pertaining to data by airlines other than the user's airline shall be limited to data that can be viewed on public displays.

2. The system administrator shall be able to add, delete, set, and change user privileges and access authorization via a GUI. System security parameters shall be configurable by the system administrator.

3. The AIMS workstations shall have an "inactivity timeout period" such that if any workstation is determined to be inactive by having no input/output performed at that workstation for the defined timeout period, that workstation shall be automatically logged out of the application.

4. The timeout feature shall be turned on or off by the system administrator. The timeout period shall be configurable by the system administrator.

5. The occurrence of an inactivity timeout occurring as described above shall be recorded in the fault log, showing date, time, workstation identifier, and the user name of the user who was logged in at the time when the inactivity timeout occurred.

6. The AIMS shall prevent a user name from being logged in more than one time concurrently.

7. The AIMS shall provide an audit trail of all transactions. The audit trail shall track on a per user basis. The audit trail file shall indicate any changes that occurred to applications configuration, data structure, or database fields/records, and shall contain the date and time of the change, the user identification of the user who made the change, and the details of the change.

8. The AIMS shall provide automated tracking of the audit trail database, and shall alert the system administrator when this file has exceeded pre-determined size restrictions. The system administrator shall then have the ability to archive this database, along with the ability to restore it for reporting purposes. The system shall also include the option of a “rolling window”. In this case, the audit trail database shall

use a rolling window with a System Administrator configurable window (i.e., after defined period of time oldest records are automatically dumped).

9. If remote access is required for system administration, a security feature such as secure VPN encryption shall be used and coordinated with County.

B. Availability Requirements

1. System Availability:

   i Software and system devices shall execute, without degradation, at the scheduled periods and response times for the systems to be considered available.

   ii The systems shall operate as specified twenty-four (24) hours per day, seven 7 days per week.

   iii Availability of the overall AIMS shall be at least 99.97 percent (2 hours 38 minutes maximum downtime per year).

2. Device Availability:

   i A system server and PC shall be considered available only if all components are operating and fully functional.

   ii A peripheral device shall be considered unavailable if it cannot be placed on-line and perform its intended function(s).

   iii Besides scheduled downtime, as identified below, individual device availability shall exceed 99.80 percent (17 hours 30 minute maximum downtime per year).

3. Scheduled Downtime:

   i Downtime to update the computer operating system or repair a component shall be acceptable reasons for downtime, but at no time shall more than 5 percent of the system be non-operational.

   ii Scheduled downtime shall be anticipated to be between 12:01am and 3:59am, or during County approved hours and must be coordinated with the County a minimum of 48 hours in advance of any work being performed using the County's change control procedures.

   iii If the operating system or the servers require maintenance or updates, or if the servers require system maintenance, each server shall be brought down individually to be updated/maintained, such that at no time is more than one server down at the same time.

   iv If the operating system of the end device computer requires maintenance or updates, or if the end device computers require

system maintenance, the end device that requires the maintenance shall be brought down during non-peak hours of operation.

- v It shall be acceptable to perform maintenance/updates on an end device computer system during other than non-peak hours if the particular end device is non-functional without having the maintenance or updates performed.

C. Performance Requirements

1. The system shall be capable of supporting the AIMS within the performance requirements as outlined herein.
2. The performance requirements in this section are for system design and testing and not service response time.
3. Capacity: The AIMS shall be designed to support the operational, functional, and performance requirements, specified herein, for a minimum of 400 flight operations per hour and 40 different airlines with a total of 200 users simultaneously conducting 60 user operations per minute with a minimum of 750 end devices being updated.
4. Response time criteria shall be met under maximum capacity conditions as defined above.
5. External System Interface: The total additional delay for a transaction between an AIMS workstation to an external system shall not exceed 1.5 seconds for 95 percent of all transactions. The remaining 5 percent of delays shall not exceed 3.0 seconds.
6. Database Transactions: For 95 percent of database transactions, there shall be no more than a 0.5 second delay between the time that a user selects an action and the system responds in some way that the input has been received. The remaining 5 percent of transactions shall not exceed 1.0 second.
7. Peripheral Command: For 95 percent of peripheral commands, there shall be no more than a 3.0 second delay between the time that a user selects an action and the associated peripheral responds to the request. The remaining 5 percent of command responses shall not exceed 5.0 seconds.
8. Peripheral Configuration: For 95 percent of peripheral configuration changes, there shall be no more than a 6.0 second delay between the time that a user selects an action and the associated peripheral responds to the request. The remaining 5 percent of peripheral configuration changes shall not exceed 10.0 seconds.
9. Display: For 95 percent of dynamic display device changes, there shall be no more than a 30.0 second delay between the time that a

user inputs a database change and the affected display devices reflect the change. The remaining 5 percent of transactions shall not exceed 45.0 seconds.

D. System Management

1. The devices connected to the network shall be SNMP manageable. A positive relationship (e.g., system heart beat) shall exist between the system devices and the controlling server(s) at all times.

2. Managed system failures shall include, but not be limited to, PC failure, display device failure, application failure (server and local applications), network connectivity failure, and server failure. Server failure shall include hardware, software, network, and power based failure.

3. System failures shall be viewable at a central control point (i.e., the system administrator's workstation). A failure shall initiate an alarm and add a failure record to the failure database table. The system administrator shall receive a warning message on the system administrator workstation, notifying them of the failure. The system shall provide e-mail, pager, and text messaging notification. The CONTRACTOR is responsible for providing all hardware, software, and WAN/PSTN access necessary to support the notification functions.

4. End user devices shall have remote administration and monitoring capabilities. This capability shall allow the specific machine to be remotely configured and to provide a status report to the management system. Data included in the reporting capabilities shall include: data pertaining to the machine's memory, storage devices, network connections, and general health of the machine.

3.11 REPORTING REQUIREMENTS - The Contractor shall comply with the requirements set forth in this Section 3.11.

3.11.1 General

A. The AIMS shall have full reporting capabilities. The system shall support the utilization of a generic report writer module providing the ability to develop customized reports. The reporting tool shall be capable of building reports from any fields in the database and on any subset of records that user authority allows.

B. The CONTRACTOR shall detail the capabilities, functionality, and the user interface for both types of reporting.

C. For any and all reports, including both "canned" reports and "ad hoc" reports, only authorized users shall have access to the reporting features.

D. For any and all reports, including both "canned" reports and "ad hoc" reports, only the system administrator, or users with a sufficient level of security access authorization shall be able to see all airlines' information on the reports. Airline users shall be limited to reporting data from their airline only.

E. To ensure the County's reporting requirements are fully met, the CONTRACTOR shall be required to coordinate and administer workshops with the appropriate airport and tenant stakeholders to define the initial "canned" reports to be provided with the system. Up to six (6) workshops shall be held. These workshops shall be split into functional areas of the AIMS and should include, as a minimum:

1. EVIDS (ADA requirements, display formats, user interfaces, and reports)
2. Resource Management System Reports
3. Common Use Passenger Processing System Reports
4. Airport Operational Database Reports

3.11.2 Business Intelligence Tool

A. In addition to the reporting requirements specified herein, and further identified during the implementation process, the CONTRACTOR shall provide a business intelligence tool to BCAD to allow them to customize reporting, analysis information, and to develop "dashboards" for information management. The business intelligence tool shall include the following, as a minimum:

1. Utilize a multi-tier architecture using modern Web standards, including but not limited to; XML, SOAP, and WSDL.
2. Utilize a single API to allow programmers to customize BI capabilities.
3. Be scalable to support the entire Airport requirements.
4. Support multiple exporting formats including, but not limited to; Excel, .pdf, XML, HTML, and CSV.
5. Support flexible data distribution methods including centralized access, e-mail, application integration, and MS Office.

B. To support the Business Intelligence Tool features and functionality, training shall be provided by the CONTRACTOR. This training shall be included in, and coordinated with the training requirements specified in Section 4.3.

3.11.3 EVIDS Reporting Requirements

A. EVIDS Master Flight Database (MFD) Report.

1. CONTRACTOR shall provide a report which lists flights contained in the MUFIDS Master Flight Database (MFD). The user shall be able to select records for the report based on various criteria including but not limited to the following fields:

   i Starting date of the flights.

   ii Ending date of the flights.

   iii Day(s) of the week that the flights operate.

   iv County name of origin/destination.

   v Assigned gate(s).

   vi Assigned baggage carousel(s).

   vii Airline(s).

   viii Aircraft type(s).

2. For this report, the user shall be able to specify the sort order for the report. The default sort order, if not specified by the user, shall be by ascending airline code and flight number. The user shall be able to specify multiple sorting fields, including but not limited to the following fields:

   i Day of the week the flight operates.

   ii Assigned gate.

   iii Assigned baggage carousel.

   iv Airline.

   v Flight number.

   vi County name of origin/destination.

B. EVIDS Active Flight Database (AFD) and Historical Flight Database (HFD) Report. The system shall provide a report which lists flights contained in the MUFIDS Active Flight Database (AFD) or the Historical Flight Database (HFD). The user shall be able to select records for this report based on various criteria, including but not limited to:

1. Assigned gate(s).

2. Assigned baggage carousel(s).

3. County name.

4. Airline(s).

5. Aircraft type(s).

6. For the EVIDS AFD and HFD reports, the user shall be able to specify the sort order for the report. The default sort order, if not specified by the user, shall be by ascending airline code and flight number. The user shall be able to specify multiple sorting fields, including but not limited to the following fields:

   i Assigned gate.

   ii Assigned baggage carousel.

   iii County name.

   iv Airline.

   v Flight number.

C. Gate Utilization Report: The system shall provide a Gate Utilization Report which shall list, for each selected gate, the flights utilizing that gate throughout the defined time period. For this report, the user can specify the reporting criteria based on the following:

   1. Gate(s), default is all gates if not specified.

   2. Starting time period, default is 12:01 a.m.

   3. Ending time period, default is 12:00 a.m.

D. Video Advertising Report: The system shall provide a report detailing the tracking information for the display of video advertising files. The report shall include the time, length, the display monitor that was used for all advertisements, and a summary of the number of times each video was played on each monitor as well as the total number of times each video was played in a given time period throughout the airport.

E. The initial reporting requirements for EVIDS shall be fully defined during the stakeholder workshops. The base system shall provide up to fifteen (15) canned reports to be defined during this process.

3.11.4 Resource Management System Reports

A. The initial reporting requirements of the RMS shall be defined during the stakeholder workshops. The base system shall provide up to fifteen (15) canned reports to be defined during this process.

3.11.5 Common Use Passenger Processing Reports

A. The initial reporting requirements of the DAPP shall be defined during the stakeholder workshops. The base system shall provide up to fifteen (15) canned reports to be defined during this process.

3.11.6 Airport Operational Database Reports

A. The initial reporting requirements of the AODB shall be defined during the stakeholder workshops. The base system shall provide up to fifteen (15) canned reports to be defined during this process.

4 IMPLEMENTATION

4.1 INSTALLATION REQUIREMENTS

4.1.1 General

A. System installation and construction methods shall conform to the requirements of the Federal Communications Commission and the Broward County Aviation Department.

B. Where undefined by codes and standards, CONTRACTOR shall apply a safety factor of at least 2 times the rated load to all fastenings and supports of system components.

C. The CONTRACTOR shall install all system components including furnished equipment in accordance with the manufacturer's instructions, NFPA 70, ANSI-C2 and shall furnish all cables, connectors, terminators, interconnections, services, and adjustments required for a complete and operable system.

D. Grounding shall be installed as necessary to preclude ground loops, noise, and surges from adversely affecting system operation.

E. For equipment mounted in drawers or on slides, provide the interconnecting cables with a service loop of not less than three feet and ensure that the cable is long enough to allow full extension of drawer or slide.

F. The CONTRACTOR's inspector shall conduct a visual inspection of all installations to verify that the installations are in accordance with the County's and manufacturer's specifications. Records of the inspections signed and dated by the inspector shall be provided to the County. The County shall be notified by the CONTRACTOR of any inspection(s) and the County Project Manager may elect to participate in any inspection(s).

4.1.2 Software Installation

A. The CONTRACTOR shall test all custom and packaged software in development and production environments, and have successfully passed Factory Acceptance Testing, prior to installation on-site.

4.1.3 Hardware Installation

A. Final hardware selected and installation of hardware shall be coordinated with the County Project Manager. Additionally, the CONTRACTOR shall ensure the ventilation requirements for all the hardware components are met.

B. The CONTRACTOR shall install and inspect all hardware required in this specification in accordance with the manufacturer's installation instructions. Final placement of hardware is subject to the County's approval.

C. The CONTRACTOR shall be responsible for any and all loss or damage in the shipment and delivery of all material until transfer of title to the County.

D. The CONTRACTOR shall obtain written permission from the County before proceeding with any work which requires cutting into or through any part of the building structures such as, but not limited to, girders, beams, concrete, carpeted or tiled floors, partitions or ceilings. The CONTRACTOR shall obtain written permission from the County before cutting into or through any part of the building structures where fireproofing or moisture proofing could be impaired. In any such case the CONTRACTOR shall be responsible for restoring the affected area to "like-new" condition or to a condition to match the existing conditions.

E. The CONTRACTOR shall take all steps necessary to ensure that all public areas remain clear or are properly marked during installation or maintenance.

F. The CONTRACTOR shall coordinate installation with the County, to minimize disruption of existing business functions at the Airport.

G. The CONTRACTOR shall place materials only in those locations that have been previously approved. Any other locations shall be approved, in writing, by the County.

H. The CONTRACTOR shall label all cabling and patch cords in accordance with the BCAD approved labeling plan. Coordination with the County shall be performed, and all labeling shall be approved, prior to implementation.

4.1.4 System Startup

A. The CONTRACTOR shall not apply power to the system until after:

1. System and components have been installed and inspected in accordance with the manufacturer's installation instructions.

2. A visual inspection of the system components has been conducted to ensure that defective equipment items have not been installed and that there are no loose connections.

3. System wiring has been tested and verified as correctly connected as indicated.

4. All system grounding and transient protection systems have been verified as properly installed and connected, as indicated.

5. Power supplies to be connected to the system and equipment have been verified as the correct voltage, phasing, and frequency as indicated.

B. Satisfaction of the above requirements shall not relieve the CONTRACTOR of responsibility for incorrect installations, defective equipment items, or collateral damage as a result of CONTRACTOR work/equipment.

4.2 TESTING REQUIREMENTS

4.2.1 General

A. Testing Steps:

1. On-Site Factory Acceptance Testing
2. On-Site Performance Verification Testing
3. On-Site Endurance Testing

B. Test Plan/Procedure: The CONTRACTOR shall provide six (6) hardcopies and an electronic copy of the test plan/procedures for each testing phase for the review and approval of the County. The test plan for each phase shall detail the objectives of all tests. The tests shall clearly demonstrate that the system and its components fully comply with the requirements specified herein. The test plan shall be provided at least forty-five (45) calendar days prior to the scheduled start of each test. Test plans shall contain at a minimum:

1. Functional procedures including use of any test equipment
2. Test equipment is to be identified by manufacturer and model
3. Interconnection of test equipment and steps of operation shall be defined
4. Test records shall include test equipment serial number, calibration date and calibration certification of test equipment
5. Expected results required to comply with specifications
6. Traceability matrix referencing specification requirements with specific test procedures
7. Record of test results with witness initials or signature and date performed
8. Pass or fail evaluation with comments.

C. The test procedures shall provide conformity to all specification requirements. Satisfactory completion of all test procedures is necessary as a condition of Final Acceptance.

D. The CONTRACTOR's Quality Control Organization shall review all formal test procedures prepared by the CONTRACTOR and deliverable under the Contract to assure the tests cover all requirements and that there is a conformity between the conducted test, the test results and specification requirements

E. Documentation verification, both interconnects and functionality shall be part of the test. Where documentation is not in accordance with the installed system interconnect and operating procedures, the system shall not be considered accepted until the system and documentation correlate.

F. All testing must be witnessed by the County representative(s). The CONTRACTOR shall cooperate with fully with the County in this regard.

G. Test Reports: The CONTRACTOR shall prepare, for each test, a test report document that shall certify successful completion of that test. Six (6) hardcopies and one electronic version of the test report shall be submitted to the County for review and acceptance within seven (7) calendar days following each test. The test report shall contain, at a minimum:

1. Commentary on test results.

2. A listing and discussion of all discrepancies between expected and actual results and of all failures encountered during the test and their resolution.

3. Complete copy of test procedures and test data sheets with annotations showing dates, times, initials, and any other annotations entered during execution of the test.

4. Signatures of persons who performed and witnessed the test.

H. Test Resolution: Any discrepancies or problems discovered during these tests shall be corrected by the CONTRACTOR at no cost to the County. The problems identified in each phase shall be corrected and the percentage of the entire system re-tested determined by the County, before any subsequent testing phase is performed.

4.2.2 Factory Acceptance Testing (FAT)

A. Test Setup Equipment: Equipment shall be actual products or identical models of products to those designated to be delivered and installed at the site. The following equipment shall be setup and used for conducting pre-delivery test:

1. Operator equipment associated with system.
2. End devices and displays associated with system.
3. Software associated with system.
4. Administrative console equipment.
5. Sufficient signal transmission media (STM) and associated equipment and accessories to provide a fully integrated system model. Include at least one of each type STM circuit.
6. Number of field processors required for system to be installed at site.
7. Enough load and data simulators to provide simulation of full load operational conditions as required by design. Loads shall be manually or software generated.

B. Preparation: Ensure that development of system is complete, required approvals of submittals have been obtained, and sufficient equipment procured to completely demonstrate and test system. Schedule FAT with County Project Manager at least 45 calendar days prior to test:

C. Time: Conduct during County Work Day.

D. Location: FLL test lab.

E. Test: The purpose is to test the complete computer software package and equipment of the system and demonstrate that all specified features and performance criteria are met. All requirements of the specification shall be tested including, but not limited to:

1. Functionality including reporting and response.
2. System capacity.
3. Hardware interaction.
4. Hardware and software interaction.
5. Demonstrate report generation.

F. Acceptance: Acceptance of system to perform sufficiently and provide specified functions shall be determined by the County representatives witnessing the Factory Acceptance Test.

1. Acceptance Criteria: Performance of system shall equal or exceed criteria stated in individual specification sections.
2. If system does not perform satisfactorily, the CONTRACTOR shall make corrections and modifications and schedule new test with the

County. Compliance is at the sole discretion of the County. If the County deems that compliance cannot be met, or is insufficient, they shall have the right to terminate the Contract.

3. Expenses for County representatives to attend re-testing shall be borne by CONTRACTOR.

G. Completion:

1. At successful completion of test, dismantle equipment so as to prevent damage. Replace all defective or worn items.

2. Re-pack in original containers all equipment to be field deployed during phase three of the implementation. Mark on containers that items were used in FAT.

H. Reporting:

1. Record all test procedures and results.

2. Submit report in accordance with reporting requirements in General Testing Requirements Section.

4.2.3 Performance Verification Testing

A. Complete operational testing of all components and systems shall be witnessed by designated County Representatives.

B. Schedule test with County. Do not begin testing until:

1. All systems have been installed and individually and jointly tested to ensure they are operating properly.

2. Written permission from County has been received.

C. Testing: As part of Performance Verification Testing, test all components of system. The tests shall demonstrate system features.

D. Verification: Verify correct operation of the required system functionality as defined in these specifications.

E. Adjustment, Correction, and Completion:

1. Correct deficiencies and retest affected components.

2. Make necessary adjustments and modification to system after obtaining approval of the County.

3. Completion: Performance Verification Testing shall be complete when testing or retesting of each component has produced a positive result and has been approved in writing by the County.

F. Recording:

1. Describe actual operational tests performed and equipment used and list personnel performing tests.

2. Record in tabular form all test results, deficiencies, and corrective measures.

G. Termination

1. Performance Verification Testing shall be terminated by the County when:

i Individual components, subsystems, or the AIMS fail to perform as specified.

ii It is determined that system is missing components or installation is not complete.

2. Upon termination, corrective work shall be performed and Performance Verification Testing rescheduled with the County.

3. Retesting shall be performed by CONTRACTOR at no additional expense.

4. CONTRACTOR shall continue to perform corrective actions and retest until system passes all tests to satisfaction of the County.

4.2.4 Endurance Testing

A. CONTRACTOR to provide personnel to monitor the system operation 24 hours per day, including weekends and holidays during endurance testing.

B. Start test after:

1. Successful completion of Performance Verification Testing.

2. Training as specified has been completed.

3. Correction of deficiencies has been completed.

4. Receipt of written start notification from the County.

C. Monitor all systems during Endurance Testing. Coordinate monitoring with the County.

D. Recording: Record data on approved forms so as to provide a continuous log of systems performance. Include:

1. Date and time for all entries.

2. Name of individual making entry.

3. Environmental conditions.
4. Authority activities in process.
5. Description of all alarm annunciations, responses, corrective actions, and causes of alarms. Classify as to type of alarm.
6. Description of all equipment failures, including software errors.
7. Description of all maintenance and adjustment operations performed on system.
8. Daily and weekly tabulations.
9. Daily entries of performance data shall be reviewed by the County's representative designated to observe monitoring of system.

E. The County may terminate testing at any time when the system fails to perform as specified. Upon termination of testing the CONTRACTOR shall commence an assessment period as described in Step II.

F. Testing

1. Step I - Initial Testing:
   - i Time: 24 hours per day for 30 calendar days.
   - ii CONTRACTOR to make no repairs during this phase unless authorized in writing by the County.
   - iii If system experiences no failures, proceed to Step III - Final Testing.
2. Step II - Initial Assessment:
   - i After conclusion of Step I or termination of testing, CONTRACTOR to identify all failures, determine causes, and repair. Submit report explaining: Nature of each failure, corrective action taken, results of tests performed to verify corrective action as being successful, and recommended point for resumption of testing.
   - ii After CONTRACTOR's submission of report, schedule review meeting at job site. Schedule date and time with the County.
   - iii At review meeting, demonstrate that all failures have been corrected by performing Performance Verification Testing.
   - iv Based on report and review meeting, the County will direct CONTRACTOR to conclude endurance testing, or proceed to Step III - Final Testing.
3. Step III - Final Testing:
   - i Time: 24 hours per day for 30 calendar days.

ii CONTRACTOR to make no repairs during this phase unless authorized in writing by the County.

4. Step IV - Final Assessment:

i After successful completion of Step I, conclusion of Step III, or termination of testing, CONTRACTOR to identify all failures, determine causes, and repair. Submit explaining the nature of each failure, corrective action taken, results of tests performed, and recommended point for resumption of testing.

ii After submission of report schedule review meeting at job site. CONTRACTOR to schedule date and time with the County.

iii At review meeting, demonstrate that all failures have been corrected by performing Performance Verification Testing.

iv Based on report and review meeting, the County will approve endurance test or direct CONTRACTOR to repeat all or part of Steps III and IV.

4.2.5 Adjustment, Correction, and Maintenance

A. During Endurance Testing CONTRACTOR is to make adjustments and corrections to system only after obtaining written approval of the County.

B. During Endurance Testing, CONTRACTOR is to perform required maintenance on systems including provision of replacement parts.

4.2.6 Final Inspection

A. After Endurance Testing is complete, review tabulated records with the County.

B. The CONTRACTOR will not be responsible for failures caused by:

1. Outage of main power in excess of backup power capability provided that automatic initiation of all backup sources was accomplished and automatic shutdowns and restarts of systems performed as specified.

2. Failure of any County furnished power, communications, and control circuits provided failure was not due to CONTRACTOR furnished equipment, installation, or software.

3. Failure of existing County equipment provided failure was not due to CONTRACTOR furnished equipment, installation, or software.

C. When performance of AIMS does not fall within the above rates, CONTRACTOR shall determine cause of deficiencies, correct, and retest.

1. When requested by the County, CONTRACTOR shall extend monitoring period for a time as designated by the County.
2. Period shall not exceed 60 calendar days exclusive of retesting periods caused by termination of Steps I or III and assessment period of Steps II and IV.
3. CONTRACTOR shall Submit final report of endurance testing containing all recorded data.

D. The CONTRACTOR shall submit written certification that:

1. All documents have been reviewed.
2. All required as-built documentation has been submitted and approved by the County.
3. The Project had been inspected for compliance with the Contract Documents.
4. The work has been completed in accordance with the Contract Documents.
5. The equipment and systems have been tested and are shown operational in the presence of the County.
6. The Project is completed, and is ready for final inspection.

E. When the County considers the work is finally complete and in accordance with the requirements of the Contract Documents, the County shall request the CONTRACTOR to provide project closeout submittals.

4.3 TRAINING

4.3.1 General

A. By means of training classes augmented by individual instruction as necessary, the CONTRACTOR shall fully instruct the County's designated staff and Airline personnel in the operation, adjustment and maintenance of all AIMS software and equipment. The CONTRACTOR shall be required to provide all training aids, e.g., notebooks, manuals. The CONTRACTOR shall provide an appropriate training area equipped with all required equipment. The location of the training area shall be coordinated with the County.

B. All training shall be completed a minimum of two weeks prior to the AIMS or any subcomponent of AIMS being used in a production environment. Training schedule shall support the various work shifts of airport and tenant personnel and shall be subject to the County approval.

C. Training shall be conducted by experienced personnel and supported by training aids. An adequate number and amount of training material shall be provided by the CONTRACTOR. The following is considered a minimum.

1. Functional flow-charts, overall block diagrams, and descriptive material for all software;

2. Schematic drawings for each of the hardware components;

3. All procedure manuals, specification manuals, and operating manuals;

4. As-built drawings.

D. Participants shall receive individual copies of technical manuals and pertinent documentation at the time the course is conducted. The courses shall be scheduled such that County personnel can participate in all courses (no overlap).

E. A final course schedule and syllabus shall be prepared by the CONTRACTOR for each course to be conducted for Airport personnel, and submitted for review at least four (4) weeks prior to the scheduled date of the course commencement.

F. Each course outline shall include, in addition to the subject matter, a short review of the prerequisite subjects (where appropriate); how this course fits into the overall training program; the objective; the standards of evaluation; and any other topics that will enhance the training environment.

G. A DVD of each course shall be provided to the County.

H. All training requirements identified are minimum requirements.

4.3.2 Types of Training

A. User Training: System users shall be instructed in all aspects of operations of the system, including the business intelligence tool and all reporting functions. Twelve (12) hours of basic user training shall be provided (2 hour class repeated 6 times with 10 system users per class). Additionally, twelve (12) hours of advanced user training shall be provided (4 hour class repeated 3 times with six advanced users per class). User training shall be conducted at a location that is coordinated with the County.

B. Technician Training: Twenty-four (24) hours of maintenance training (24 hours of training repeated 1 time for 4 maintenance technicians per class) shall be provided. Training for maintenance technicians shall be provided on site, and shall include, but not be limited to, installation, operation,

renovation, alteration, inspection, maintenance and service on each system and subsystem provided, so as to enable troubleshooting and repair to the component level. Maintenance training shall be conducted at a location that is coordinated with the County.

C. System Administrator Training: System administrator training shall be provided. System administrator training shall include both classroom work and on the job training.

1. Classroom Training: Forty-eight (48) hours of software training (48 hours of training repeated 1 time for 2 system administrators) shall be provided. The CONTRACTOR shall structure the course to describe all systems, software and applications and support programs. This course shall include a functional overview of the complete software system. The course material must be presented in depth with the instructor covering detailed design, structure, and algorithms. Location of this training shall be coordinated with the County's Project Manager.

2. On the Job Training: An additional six (6) weeks of on the job training shall be provided. On the job training of the designated County personnel shall commence no later than two months prior to expiration of the equipment warranty period. This training shall be conducted on site at the Airport. The CONTRACTOR shall provide County specified trainees with daily job supervision and direction by a CONTRACTOR Engineer. The CONTRACTOR shall answer any and all questions regarding the operation, repair, and maintenance of the AIMS software and equipment.

EXHIBIT B

GOODS AND SYSTEM HARDWARE

Project No:	RFP No. 20070514-0-AV-01
Project Title:	AIMS: Airport Information Management System

Facility Name: Ft. Lauderdale/Hollywood International Airport

Item	Manufacturer	Model	Qty
Server Hardware			
File Server	Dell	PowerEdge 2950 III	2
Database Server	Dell	PowerEdge 2950 III	3
Application Server	Dell	PowerEdge 2950 III	3
Data Storage System	Dell	PowerVault MD3000i	4
UPS	APC	Smart-UPS XL 2200VA 120V	4
System PCs			
Performance Workstation	Dell	Optiplex 755	13
Standard Workstation	Dell	Optiplex 755	43
Display Device Controller	Dell	Optiplex 755	37
Integrated System Devices			
CUSS Kiosk	IER	918B	48
DAPP Input W/S	ELO	15A2 Touch Computer	177
LCD Information Displays 32”	NEC		11
LCD Information Displays 40”	NEC		28
LED Information Displays	Daktronics	Galaxy AF-3010-16x128-7.62RC	19
Peripherals			
Baggage Input Console	ELO	15A2 Touch Computer	23
2D Ticket Printer	Vidtronix	MAP Mark-IV	62
Bag Tag Printer	Vidtronix	MAP Mark-IV	62
Magnetic Stripe Reader	Access	ATB-421	119
Boarding Gate Reader	Unimark	EC-3000	12
DAPP Standard Printer	Okidata	Microline 320/321	11
General Document Printer	HP	1200 Laser	2
EPM	Quatech	ESE-100D	232
10 meter network jumper			30
3 meter network jumper			500
Network Switch – 48 Port	Cisco	3560	1
Printer Stand	Vidtronix		10
Wall Mount w/Tilt	Chief	PRO 2241	30

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
001	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Counter 1 (Extron TX/RX Used)	T4
002	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Counter 2 (Extron TX/RX Used)	T4
003	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Counter 3 (Extron TX/RX Used)	T4
004	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Counter 4 (Extron TX/RX Used)	T4
005	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Counter 5 (Extron TR/RC Used)	T4
006	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2213	T4 Customs Bag Claim	T4
007	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2213	T4 Customs Bag Claim	T4
008	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2213	T4 Customs (Extron TR/RC Used)	T4
009	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2213	T4 Customs (Extron TR/RC Used)	T4
010	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2213	T4 Customs (Extron TR/RC Used)	T4
011	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2213	T4 Customs (Extron TR/RC Used)	T4
012	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2213	T4 Customs (Extron TR/RC Used)	T4
013	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2213	T4 Customs (Extron TR/RC Used)	T4
014	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Bag Claim (Extron TR/RC Used)	T4
015	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Bag Claim (Extron TR/RC Used)	T4
016	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Bag Claim (Extron TR/RC Used)	T4
017	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Bag Claim (Extron TR/RC Used)	T4
018	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Bag Claim (Extron TR/RC Used)	T4
019	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Bag Claim (Extron TR/RC Used)	T4
020	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Ticket Level (Extron TR/RC Used)	T4
021	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Ticket Level (Extron TR/RC Used)	T4
022	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Ticket Level (Extron TR/RC Used)	T4
023	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Ticket Level (Extron TR/RC Used)	T4
024	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Ticket Level (Extron TR/RC Used)	T4
025	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Ticket Level (Extron TR/RC Used)	T4
026	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Concoure H (Extron TR/RC Used)	T4
027	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Concoure H (Extron TR/RC Used)	T4
028	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Concoure H (Extron TR/RC Used)	T4
029	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Concoure H (Extron TR/RC Used)	T4
030	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Concoure H (Extron TR/RC Used)	T4
031	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Concoure H (Extron TR/RC Used)	T4
032	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Gate H1 (Extron TR/RC Used)	T4
033	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Gate H2 (Extron TR/RC Used)	T4
034	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Gate H3 (Extron TR/RC Used)	T4
035	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Gate H4 (Extron TR/RC Used)	T4

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
036	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4 Gate H5 (Extron TR/RC Used)	T4
037	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1036N	T4-1036N	T4 Gate H6 (Extron TR/RC Used)	T4
038	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1036N	T4-1036N	T4 Gate H7 (Extron TR/RC Used)	T4
039	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1036N	T4-1036N	T4 Gate H8 (Extron TR/RC Used)	T4
040	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1036N	T4-1036N	T4 Gate H9 (Extron TR/RC Used)	T4
041	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T4-1036N	T4-1036N	T4 Gate H10 (Extron TR/RC Used)	T4
042	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 1 & 2 (Extron TR/RC Used)	T4
043	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 3 & 4 (Extron TR/RC Used)	T4
044	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 5 & 6 (Extron TR/RC Used)	T4
045	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 7 & 8 (Extron TR/RC Used)	T4
046	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 9 & 10 (Extron TR/RC Used)	T4
047	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 11 & 12 (Extron TR/RC Used)	T4
048	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 13 & 14 (Extron TR/RC Used)	T4
049	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 15 & 16 (Extron TR/RC Used)	T4
050	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 17 & 18 (Extron TR/RC Used)	T4
051	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 19 & 20 (Extron TR/RC Used)	T4
052	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 21 & 22 (Extron TR/RC Used)	T4
053	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 23 & 24 (Extron TR/RC Used)	T4
054	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 25 & 26 (Extron TR/RC Used)	T4
055	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 27 & 28 (Extron TR/RC Used)	T4
056	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 29 & 30 (Extron TR/RC Used)	T4
057	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 31 & 32 (Extron TR/RC Used)	T4
058	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 33 & 34 (Extron TR/RC Used)	T4
059	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 35 & 36 (Extron TR/RC Used)	T4
060	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 37 & 38 (Extron TR/RC Used)	T4
061	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 39 & 40 (Extron TR/RC Used)	T4
062	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 41 & 42 (Extron TR/RC Used)	T4
063	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 43 & 44 (Extron TR/RC Used)	T4
064	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 45 & 46 (Extron TR/RC Used)	T4
065	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 47 & 48 (Extron TR/RC Used)	T4
066	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 49 & 50 (Extron TR/RC Used)	T4
067	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 51 & 52 (Extron TR/RC Used)	T4
068	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo	TCP/IP	Cat 5E	T4-2213	T4-2041A	T4 Counter 53 & 54 (Extron TR/RC Used)	T4
069	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim #1 Front (Lantronix Server)	T4
070	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim #1 Back (Lantronix Server)	T4

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
071	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim #2 Front (Lantronix Server)	T4
072	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim #2 Back (Lantronix Server)	T4
073	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim #3 Front (Lantronix Server)	T4
074	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim #3 Back (Lantronix Server)	T4
075	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim #4 Front (Lantronix Server)	T4
076	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim #4 Back (Lantronix Server)	T4
077	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim East (Lantronix Server)	T4
078	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim East (Lantronix Server)	T4
079	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim West (Lantronix Server)	T4
080	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T4-2213	T4-1003	T4 Bag Claim West (Lantronix Server)	T4
081	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T4-2213	T4-2041A	T4 Ticketing East (Lantronix Server)	T4
082	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T4-2213	T4-2041A	T4 Ticketing East (Lantronix Server)	T4
083	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T4-2213	T4-2041A	T4 Ticketing West (Lantronix Server)	T4
084	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T4-2213	T4-2041A	T4 Ticketing West (Lantronix Server)	T4
085	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T4-2213	T4-2041A	T4 H Checkpoint (Lantronix Server)	T4
086	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T4-2213	T4-2041A	T4 H Checkpoint (Lantronix Server)	T4
087	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 H Conc North (Lantronix Server)	T4
088	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T4-2213	T4-1034B	T4 H Conc North (Lantronix Server)	T4
089	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 H Conc South (Lantronix Server)	T4
090	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T4-2213	T4-1036N	T4 H Conc South (Lantronix Server)	T4
091	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Gate H1 (Lantronix Server)	T4
092	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Gate H2 (Lantronix Server)	T4
093	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Gate H3 (Lantronix Server)	T4
094	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Gate H4 (Lantronix Server)	T4
095	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Gate H5 (Lantronix Server)	T4
096	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Gate H6 (Lantronix Server)	T4
097	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Gate H7 (Lantronix Server)	T4
098	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Gate H8 (Lantronix Server)	T4
099	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Gate H9 (Lantronix Server)	T4
100	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Gate H10 (Lantronix Server)	T4
101	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Jet Bridge H1 (Lantronix Server)	T4
102	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Jet Bridge H2 (Lantronix Server)	T4
103	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Jet Bridge H3 (Lantronix Server)	T4
104	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Jet Bridge H4 (Lantronix Server)	T4
105	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1034B	T4 Jet Bridge H5 (Lantronix Server)	T4

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
106	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Jet Bridge H6 (Lantronix Server)	T4
107	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Jet Bridge H7 (Lantronix Server)	T4
108	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Jet Bridge H8 (Lantronix Server)	T4
109	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Jet Bridge H9 (Lantronix Server)	T4
110	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T4-2213	T4-1036N	T4 Jet Bridge H10 (Lantronix Server)	T4
111	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T4-2213	T4-2041A	T4 BTID East (Lantronix Server)	T4
112	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T4-2213	T4-2041A	T4 BTID East (Lantronix Server)	T4
113	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T4-2213	T4-1003	T4 BTID West (Lantronix Server)	T4
114	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #1 TC Display (Lantronix Server)	T4
115	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #2 TC Display (Lantronix Server)	T4
116	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #3 TC Display (Lantronix Server)	T4
117	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #4 TC Display (Lantronix Server)	T4
118	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #5 TC Display (Lantronix Server)	T4
119	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #6 TC Display (Lantronix Server)	T4
120	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #7 TC Display (Lantronix Server)	T4
121	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #8 TC Display (Lantronix Server)	T4
122	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #9 TC Display (Lantronix Server)	T4
123	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #10 TC Display (Lantronix Server)	T4
124	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #11 TC Display (Lantronix Server)	T4
125	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #12 TC Display (Lantronix Server)	T4
126	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #13 TC Display (Lantronix Server)	T4
127	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #14 TC Display (Lantronix Server)	T4
128	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #15 TC Display (Lantronix Server)	T4
129	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #16 TC Display (Lantronix Server)	T4
130	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #17 TC Display (Lantronix Server)	T4
131	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #18 TC Display (Lantronix Server)	T4
132	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #19 TC Display (Lantronix Server)	T4
133	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #20 TC Display (Lantronix Server)	T4
134	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #21 TC Display (Lantronix Server)	T4
135	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #22 TC Display (Lantronix Server)	T4
136	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #23 TC Display (Lantronix Server)	T4
137	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #24 TC Display (Lantronix Server)	T4
138	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #25 TC Display (Lantronix Server)	T4
139	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #26 TC Display (Lantronix Server)	T4
140	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #27 TC Display (Lantronix Server)	T4

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
141	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #28 TC Display (Lantronix Server)	T4
142	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #29 TC Display (Lantronix Server)	T4
143	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #30 TC Display (Lantronix Server)	T4
144	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #31 TC Display (Lantronix Server)	T4
145	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #32 TC Display (Lantronix Server)	T4
146	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #33 TC Display (Lantronix Server)	T4
147	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #34 TC Display (Lantronix Server)	T4
148	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #35 TC Display (Lantronix Server)	T4
149	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #36 TC Display (Lantronix Server)	T4
150	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #37 TC Display (Lantronix Server)	T4
151	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #38 TC Display (Lantronix Server)	T4
152	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #39 TC Display (Lantronix Server)	T4
153	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #40 TC Display (Lantronix Server)	T4
154	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #41 TC Display (Lantronix Server)	T4
155	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #42 TC Display (Lantronix Server)	T4
156	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #43 TC Display (Lantronix Server)	T4
157	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #44 TC Display (Lantronix Server)	T4
158	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #45 TC Display (Lantronix Server)	T4
159	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #46 TC Display (Lantronix Server)	T4
160	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #47 TC Display (Lantronix Server)	T4
161	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #48 TC Display (Lantronix Server)	T4
162	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #49 TC Display (Lantronix Server)	T4
163	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #50 TC Display (Lantronix Server)	T4
164	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #51 TC Display (Lantronix Server)	T4
165	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #52 TC Display (Lantronix Server)	T4
166	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #53 TC Display (Lantronix Server)	T4
167	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T4-2213	T4-2041A	T4 #54 TC Display (Lantronix Server)	T4
168	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo					T3 Ticket Counter 3 & 4	T3
169	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Airline Logo					T3 Ticket Counter 5 & 6	T3
170	EVIDS Flight Information	LCD	Dell	17" Monitor	Flight Info & Times	TCP/IP	Cat 5E	T3-2054		T3 Flight Deck	T3
171	EVIDS Flight Information	LCD	Dell	17" Monitor	Flight Info & Times	TCP/IP	Cat 5E	T3-2054		T3 Flight Deck	T3
172	EVIDS Flight Information	LCD	Dell	17" Monitor	Flight Info & Times	TCP/IP	Cat 5E	T3-2054		T3 Flight Deck	T3
173	EVIDS Flight Information	LCD	Dell	17" Monitor	Flight Info & Times	TCP/IP	Cat 5E	T3-2054		T3 Flight Deck	T3
174	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim North	T3
175	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim North	T3

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
176	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim North	T3
177	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim North	T3
178	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim North	T3
179	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim North	T3
180	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim South	T3
181	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim South	T3
182	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim South	T3
183	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim South	T3
184	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim South	T3
185	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Bag Claim South	T3
186	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing North	T3
187	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing North	T3
188	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing North	T3
189	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing North	T3
190	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing North	T3
191	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing North	T3
192	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing South	T3
193	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing South	T3
194	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing South	T3
195	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing South	T3
196	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing South	T3
197	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 Ticketing South	T3
198	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 TC Center	T3
199	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 TC Center	T3
200	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 TC Center	T3
201	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 TC Center	T3
202	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 TC Center	T3
203	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 TC Center	T3
204	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc East	T3
205	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc East	T3
206	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc East	T3
207	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc East	T3
208	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc East	T3
209	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc East	T3
210	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc West	T3

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
211	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc West	T3
212	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc West	T3
213	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc West	T3
214	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc West	T3
215	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 E Conc West	T3
216	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc East	T3
217	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc East	T3
218	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc East	T3
219	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc East	T3
220	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc East	T3
221	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc East	T3
222	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc West	T3
223	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc West	T3
224	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc West	T3
225	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc West	T3
226	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc West	T3
227	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T3 F Conc West	T3
228	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E1	T3
229	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E2	T3
230	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E3	T3
231	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E4	T3
232	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E5	T3
233	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E6	T3
234	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E7	T3
235	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E8	T3
236	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E9	T3
237	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate E10	T3
238	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate F1	T3
239	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate F2	T3
240	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate F3	T3
241	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate F4	T3
242	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate F5	T3
243	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate F6	T3
244	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate F7	T3
245	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T3 Gate F8	T3

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
246	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	Fllight Info & Logo					T3 Gate F9	T3
247	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	Fllight Info & Logo					T3 Gate F10	T3
248	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050A	T3 Bag Claim #1 Front (Lantronix Server)	T3
249	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050A	T3 Bag Claim #1 Back (Lantronix Server)	T3
250	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050A	T3 Bag Claim #2 Front (Lantronix Server)	T3
251	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050A	T3 Bag Claim #2 Back (Lantronix Server)	T3
252	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050A	T3 Bag Claim #3 Front (Lantronix Server)	T3
253	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050A	T3 Bag Claim #3 Back (Lantronix Server)	T3
254	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1061	T3 Bag Claim #4 Front (Lantronix Server)	T3
255	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1061	T3 Bag Claim #4 Back (Lantronix Server)	T3
256	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1061	T3 Bag Claim #5 Front (Lantronix Server)	T3
257	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1061	T3 Bag Claim #5 Back (Lantronix Server)	T3
258	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1061	T3 Bag Claim #6 Front (Lantronix Server)	T3
259	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1061	T3 Bag Claim #6 Back (Lantronix Server)	T3
260	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050B	T3 Bag Claim #7 Front (Lantronix Server)	T3
261	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050B	T3 Bag Claim #7 Back (Lantronix Server)	T3
262	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050B	T3 Bag Claim #8 Front (Lantronix Server)	T3
263	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T3-1061	T3-1050B	T3 Bag Claim #8 Back (Lantronix Server)	T3
264	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1050B	T3 Bag Claim South (Lantronix Server)	T3
265	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1050B	T3 Bag Claim South (Lantronix Server)	T3
266	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1061	T3 BC CS Front (Lantronix Server)	T3
267	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1061	T3 BC CS Front (Lantronix Server)	T3
268	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1061	T3 BC CS Back (Lantronix Server)	T3
269	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1061	T3 BC CS Back (Lantronix Server)	T3
270	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1061	T3 BC CN Front (Lantronix Server)	T3
271	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1061	T3 BC CN Front (Lantronix Server)	T3
272	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1061	T3 BC CN Back (Lantronix Server)	T3
273	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1061	T3 BC CN Back (Lantronix Server)	T3
274	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1050A	T3 Bag Claim North (Lantronix Server)	T3
275	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1050A	T3 Bag Claim North (Lantronix Server)	T3
276	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1050A	T3 Ticketing North (Lantronix Server)	T3
277	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1050A	T3 Ticketing North (Lantronix Server)	T3
278	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1061	T3 Ticketing CN (Lantronix Server)	T3
279	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1061	T3 Ticketing CN (Lantronix Server)	T3
280	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1061	T3 Ticketing CS (Lantronix Server)	T3

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
281	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1061	T3 Ticketing CS (Lantronix Server)	T3
282	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1050B	T3 Ticketing South (Lantronix Server)	T3
283	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1050B	T3 Ticketing South (Lantronix Server)	T3
284	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1050A	T3 Conc E Check (Lantronix Server)	T3
285	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1050A	T3 Conc E Check (Lantronix Server)	T3
286	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1050B	T3 Conc F Check (Lantronix Server)	T3
287	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1050B	T3 Conc F Check (Lantronix Server)	T3
288	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1106	T3 E Conc East Front (Lantronix Server)	T3
289	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1106	T3 E Conc East Front (Lantronix Server)	T3
290	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1106	T3 E Conc East Back (Lantronix Server)	T3
291	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1106	T3 E Conc East Back (Lantronix Server)	T3
292	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1133B	T3 E Conc West Front (Lantronix Server)	T3
293	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1133B	T3 E Conc West Front (Lantronix Server)	T3
294	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1133B	T3 E Conc West Back (Lantronix Server)	T3
295	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1133B	T3 E Conc West Back (Lantronix Server)	T3
296	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1308A	T3 E Conc East Front (Lantronix Server)	T3
297	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1308A	T3 E Conc East Front (Lantronix Server)	T3
298	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1308A	T3 E Conc East Back (Lantronix Server)	T3
299	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1308A	T3 E Conc East Back (Lantronix Server)	T3
300	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1611	T3 E Conc West Front (Lantronix Server)	T3
301	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1611	T3 E Conc West Front (Lantronix Server)	T3
302	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T3-1061	T3-1611	T3 E Conc West Back (Lantronix Server)	T3
303	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T3-1061	T3-1611	T3 E Conc West Back (Lantronix Server)	T3
304	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T3-1061	T3-1050A	T3 BTID Bag Claim #1 (Lantronix Server)	T3
305	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T3-1061	T3-1050A	T3 BTID Bag Claim #2 (Lantronix Server)	T3
306	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T3-1061	T3-1061	T3 BTID Bag Claim #3 (Lantronix Server)	T3
307	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T3-1061	T3-1061	T3 BTID Bag Claim #4 (Lantronix Server)	T3
308	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T3-1061	T3-1061	T3 BTID Bag Claim #5 (Lantronix Server)	T3
309	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T3-1061	T3-1061	T3 BTID Bag Claim #6 (Lantronix Server)	T3
310	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T3-1061	T3-1050B	T3 BTID Bag Claim #7 (Lantronix Server)	T3
311	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T3-1061	T3-1050B	T3 BTID Bag Claim #8 (Lantronix Server)	T3
312	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #1 TC Display (Lantronix Server)	T3
313	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #2 TC Display (Lantronix Server)	T3
314	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #3 TC Display (Lantronix Server)	T3
315	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #4 TC Display (Lantronix Server)	T3

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
316	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #5 TC Display (Lantronix Server)	T3
317	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #6 TC Display (Lantronix Server)	T3
318	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #7 TC Display (Lantronix Server)	T3
319	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #8 TC Display (Lantronix Server)	T3
320	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #9 TC Display (Lantronix Server)	T3
321	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #10 TC Display (Lantronix Server)	T3
322	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #11 TC Display (Lantronix Server)	T3
323	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #12 TC Display (Lantronix Server)	T3
324	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #13 TC Display (Lantronix Server)	T3
325	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #14 TC Display (Lantronix Server)	T3
326	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #15 TC Display (Lantronix Server)	T3
327	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #16 TC Display (Lantronix Server)	T3
328	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #17 TC Display (Lantronix Server)	T3
329	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #18 TC Display (Lantronix Server)	T3
330	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050B	T3 #19 TC Display (Lantronix Server)	T3
331	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #20 TC Display (Lantronix Server)	T3
332	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #21 TC Display (Lantronix Server)	T3
333	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #22 TC Display (Lantronix Server)	T3
334	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #23 TC Display (Lantronix Server)	T3
335	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #24 TC Display (Lantronix Server)	T3
336	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #25 TC Display (Lantronix Server)	T3
337	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #26 TC Display (Lantronix Server)	T3
338	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #27 TC Display (Lantronix Server)	T3
339	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #28 TC Display (Lantronix Server)	T3
340	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #29 TC Display (Lantronix Server)	T3
341	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #30 TC Display (Lantronix Server)	T3
342	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #31 TC Display (Lantronix Server)	T3
343	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #32 TC Display (Lantronix Server)	T3
344	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #33 TC Display (Lantronix Server)	T3
345	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #34 TC Display (Lantronix Server)	T3
346	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #35 TC Display (Lantronix Server)	T3
347	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #36 TC Display (Lantronix Server)	T3
348	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #37 TC Display (Lantronix Server)	T3
349	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #38 TC Display (Lantronix Server)	T3
350	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #39 TC Display (Lantronix Server)	T3

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
351	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #40 TC Display (Lantronix Server)	T3
352	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #41 TC Display (Lantronix Server)	T3
353	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #42 TC Display (Lantronix Server)	T3
354	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #43 TC Display (Lantronix Server)	T3
355	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #44 TC Display (Lantronix Server)	T3
356	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #45 TC Display (Lantronix Server)	T3
357	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #46 TC Display (Lantronix Server)	T3
358	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #47 TC Display (Lantronix Server)	T3
359	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #48 TC Display (Lantronix Server)	T3
360	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #49 TC Display (Lantronix Server)	T3
361	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #50 TC Display (Lantronix Server)	T3
362	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #51 TC Display (Lantronix Server)	T3
363	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #52 TC Display (Lantronix Server)	T3
364	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #53 TC Display (Lantronix Server)	T3
365	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #54 TC Display (Lantronix Server)	T3
366	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #55 TC Display (Lantronix Server)	T3
367	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #56 TC Display (Lantronix Server)	T3
368	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1061	T3 #57 TC Display (Lantronix Server)	T3
369	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #58 TC Display (Lantronix Server)	T3
370	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #59 TC Display (Lantronix Server)	T3
371	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #60 TC Display (Lantronix Server)	T3
372	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #61 TC Display (Lantronix Server)	T3
373	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #62 TC Display (Lantronix Server)	T3
374	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #63 TC Display (Lantronix Server)	T3
375	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #64 TC Display (Lantronix Server)	T3
376	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #65 TC Display (Lantronix Server)	T3
377	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #66 TC Display (Lantronix Server)	T3
378	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #67 TC Display (Lantronix Server)	T3
379	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #68 TC Display (Lantronix Server)	T3
380	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #69 TC Display (Lantronix Server)	T3
381	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #70 TC Display (Lantronix Server)	T3
382	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #71 TC Display (Lantronix Server)	T3
383	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T3-1061	T3-1050A	T3 #72 TC Display (Lantronix Server)	T3
384	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T2 Ticket Counter 1 & 2	T2
385	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T2 Ticket Counter 3 & 4	T2

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
386	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T2 Ticket Counter 5 & 6	T2
387	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T2 Ticket Counter 7 & 8	T2
388	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T2 Ticket Counter 9 & 10	T2
389	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T2 Ticket Counter 11 & 12	T2
390	Counter Airline Logo	LCD	NEC	LCD4010BK(A)-IT	Flight Info & Times					T2 Ticket Counter 1 3 & 14	T2
391	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T2 Gate F3	T2
392	Gate Airline Info Logo	LCD	NEC	LCD4010BK(A)-IT	FIlight Info & Logo					T2 Gate F4	T2
393	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Bag Claim East (Extron TR/RC Used)	T2
394	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Bag Claim East (Extron TR/RC Used)	T2
395	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Bag Claim East (Extron TR/RC Used)	T2
396	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Bag Claim East (Extron TR/RC Used)	T2
397	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Bag Claim East (Extron TR/RC Used)	T2
398	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Bag Claim East (Extron TR/RC Used)	T2
399	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Bag Claim West (Extron TR/RC Used)	T2
400	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Bag Claim West (Extron TR/RC Used)	T2
401	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Bag Claim West (Extron TR/RC Used)	T2
402	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Bag Claim West (Extron TR/RC Used)	T2
403	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Bag Claim West (Extron TR/RC Used)	T2
404	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Bag Claim West (Extron TR/RC Used)	T2
405	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Ticketing East (Extron TR/RC Used)	T2
406	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Ticketing East (Extron TR/RC Used)	T2
407	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Ticketing East (Extron TR/RC Used)	T2
408	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Ticketing East (Extron TR/RC Used)	T2
409	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Ticketing East (Extron TR/RC Used)	T2
410	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-2041B	T2-2041B	T2 Ticketing East (Extron TR/RC Used)	T2
411	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Ticketing West (Extron TR/RC Used)	T2
412	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Ticketing West (Extron TR/RC Used)	T2
413	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Ticketing West (Extron TR/RC Used)	T2
414	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Ticketing West (Extron TR/RC Used)	T2
415	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Ticketing West (Extron TR/RC Used)	T2
416	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1016	T2-1016	T2 Ticketing West (Extron TR/RC Used)	T2
417	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1059	T2-1059	T2 D Conc East (Extron TR/RC Used)	T2
418	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1059	T2-1059	T2 D Conc East (Extron TR/RC Used)	T2
419	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1059	T2-1059	T2 D Conc East (Extron TR/RC Used)	T2
420	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1059	T2-1059	T2 D Conc West (Extron TR/RC Used)	T2

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
421	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1059	T2-1059	T2 D Conc West (Extron TR/RC Used)	T2
422	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T2-1059	T2-1059	T2 D Conc West (Extron TR/RC Used)	T2
423	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T2-1016	T2-1016	T2 Bag Claim #1 Front (Lantronix Server)	T2
424	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T2-1016	T2-1016	T2 Bag Claim #1 Back (Lantronix Server)	T2
425	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T2-1016	T2-1016	T2 Bag Claim #2 Front (Lantronix Server)	T2
426	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T2-1016	T2-1016	T2 Bag Claim #2 Back (Lantronix Server)	T2
427	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T2-1016	T2-1009A	T2 Bag Claim #3 Front (Lantronix Server)	T2
428	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T2-1016	T2-1009A	T2 Bag Claim #3 Back (Lantronix Server)	T2
429	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T2-1016	T2-1016	T2 BTID Bag Claim #1 (Lantronix Server)	T2
430	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T2-1016	T2-1016	T2 BTID Bag Claim #2 (Lantronix Server)	T2
431	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T2-1016	T2-1009A	T2 BTID Bag Claim #3 (Lantronix Server)	T2
432	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1009A	T2 Bag Claim East (Lantronix Server)	T2
433	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1009A	T2 Bag Claim East (Lantronix Server)	T2
434	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 BC Center Front (Lantronix Server)	T2
435	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 BC Center Front (Lantronix Server)	T2
436	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 BC Center Back (Lantronix Server)	T2
437	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 BC Center Back (Lantronix Server)	T2
438	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 Bag Claim West (Lantronix Server)	T2
439	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 Bag Claim West (Lantronix Server)	T2
440	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1009A	T2 Ticketing East (Lantronix Server)	T2
441	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1009A	T2 Ticketing East (Lantronix Server)	T2
442	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 TC Center Front (Lantronix Server)	T2
443	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 TC Center Front (Lantronix Server)	T2
444	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 TC Center Back (Lantronix Server)	T2
445	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 TC Center Back (Lantronix Server)	T2
446	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 Ticketing West (Lantronix Server)	T2
447	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 Ticketing West (Lantronix Server)	T2
448	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 D Check Front (Lantronix Server)	T2
449	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 D Check Front (Lantronix Server)	T2
450	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 D Check Back (Lantronix Server)	T2
451	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 D Check Back (Lantronix Server)	T2
452	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1009A	SPARE in Storage T4-1003	T2
453	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1009A	SPARE in Storage T4-1003	T2
454	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 D Conc FC West (Lantronix Server)	T2
455	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 D Conc FC West (Lantronix Server)	T2

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
456	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1009A	T2 D Conc D2 (Lantronix Server)	T2
457	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1009A	T2 D Conc D2 (Lantronix Server)	T2
458	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1059	T2 D Conc D4 (Lantronix Server)	T2
459	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1059	T2 D Conc D4 (Lantronix Server)	T2
460	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1059	T2 D Conc D6 (Lantronix Server)	T2
461	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1059	T2 D Conc D6 (Lantronix Server)	T2
462	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T2-1016	T2-1016	T2 D Conc D9 (Lantronix Server)	T2
463	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T2-1016	T2-1016	T2 D Conc D9 (Lantronix Server)	T2
464	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #1 TC Display (Lantronix Server)	T2
465	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #2 TC Display (Lantronix Server)	T2
466	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #3 TC Display (Lantronix Server)	T2
467	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #4 TC Display (Lantronix Server)	T2
468	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #5 TC Display (Lantronix Server)	T2
469	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #6 TC Display (Lantronix Server)	T2
470	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #7 TC Display (Lantronix Server)	T2
471	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #8 TC Display (Lantronix Server)	T2
472	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #9 TC Display (Lantronix Server)	T2
473	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #10 TC Display (Lantronix Server)	T2
474	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #11 TC Display (Lantronix Server)	T2
475	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #12 TC Display (Lantronix Server)	T2
476	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #13 TC Display (Lantronix Server)	T2
477	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #14 TC Display (Lantronix Server)	T2
478	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #15 TC Display (Lantronix Server)	T2
479	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #16 TC Display (Lantronix Server)	T2
480	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1016	T2 #17 TC Display (Lantronix Server)	T2
481	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #18 TC Display (Lantronix Server)	T2
482	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #19 TC Display (Lantronix Server)	T2
483	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #20 TC Display (Lantronix Server)	T2
484	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #21 TC Display (Lantronix Server)	T2
485	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #22 TC Display (Lantronix Server)	T2
486	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #23 TC Display (Lantronix Server)	T2
487	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #24 TC Display (Lantronix Server)	T2
488	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #25 TC Display (Lantronix Server)	T2
489	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #26 TC Display (Lantronix Server)	T2
490	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #27 TC Display (Lantronix Server)	T2

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
491	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #28 TC Display (Lantronix Server)	T2
492	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #29 TC Display (Lantronix Server)	T2
493	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #30 TC Display (Lantronix Server)	T2
494	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #31 TC Display (Lantronix Server)	T2
495	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #32 TC Display (Lantronix Server)	T2
496	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #33 TC Display (Lantronix Server)	T2
497	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T2-1016	T2-1009A	T2 #34 TC Display (Lantronix Server)	T2
498	EVIDS Flight Information	LCD	Dell	17" Moniror	Flight Info & Times	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 P Club	T1
499	EVIDS Flight Information	LCD	Dell	17" Moniror	Flight Info & Times	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 P Club	T1
500	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Bag Claim East (Extron TR/RC Used)	T1
501	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Bag Claim East (Extron TR/RC Used)	T1
502	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Bag Claim East (Extron TR/RC Used)	T1
503	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Bag Claim East (Extron TR/RC Used)	T1
504	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Bag Claim East (Extron TR/RC Used)	T1
505	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Bag Claim East (Extron TR/RC Used)	T1
506	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Bag Claim West (Extron TR/RC Used)	T1
507	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Bag Claim West (Extron TR/RC Used)	T1
508	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Bag Claim West (Extron TR/RC Used)	T1
509	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Bag Claim West (Extron TR/RC Used)	T1
510	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Bag Claim West (Extron TR/RC Used)	T1
511	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Bag Claim West (Extron TR/RC Used)	T1
512	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Entrance East (Extron TR/RC Used)	T1
513	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Entrance East (Extron TR/RC Used)	T1
514	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Entrance East (Extron TR/RC Used)	T1
515	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Entrance East (Extron TR/RC Used)	T1
516	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Entrance East (Extron TR/RC Used)	T1
517	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1302	T1-1302	T1 Entrance East (Extron TR/RC Used)	T1
518	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Entrance West (Extron TR/RC Used)	T1
519	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Entrance West (Extron TR/RC Used)	T1
520	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Entrance West (Extron TR/RC Used)	T1
521	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Entrance West (Extron TR/RC Used)	T1
522	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Entrance West (Extron TR/RC Used)	T1
523	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1114	T1-1114	T1 Entrance West (Extron TR/RC Used)	T1
524	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3155	T1-3155	T1 Ticketing East (Extron TR/RC Used)	T1
525	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3155	T1-3155	T1 Ticketing East (Extron TR/RC Used)	T1

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
526	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3155	T1-3155	T1 Ticketing East (Extron TR/RC Used)	T1
527	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3155	T1-3155	T1 Ticketing East (Extron TR/RC Used)	T1
528	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3155	T1-3155	T1 Ticketing East (Extron TR/RC Used)	T1
529	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3155	T1-3155	T1 Ticketing East (Extron TR/RC Used)	T1
530	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3104	T1-3104	T1 Ticketing West (Extron TR/RC Used)	T1
531	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3104	T1-3104	T1 Ticketing West (Extron TR/RC Used)	T1
532	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3104	T1-3104	T1 Ticketing West (Extron TR/RC Used)	T1
533	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3104	T1-3104	T1 Ticketing West (Extron TR/RC Used)	T1
534	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3104	T1-3104	T1 Ticketing West (Extron TR/RC Used)	T1
535	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-3104	T1-3104	T1 Ticketing West (Extron TR/RC Used)	T1
536	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 B Conc North (Extron TR/RC Used)	T1
537	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 B Conc North (Extron TR/RC Used)	T1
538	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 B Conc North (Extron TR/RC Used)	T1
539	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 B Conc South (Extron TR/RC Used)	T1
540	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 B Conc South (Extron TR/RC Used)	T1
541	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 B Conc South (Extron TR/RC Used)	T1
542	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 C Conc North (Extron TR/RC Used)	T1
543	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 C Conc North (Extron TR/RC Used)	T1
544	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 C Conc North (Extron TR/RC Used)	T1
545	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 C Conc South (Extron TR/RC Used)	T1
546	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 C Conc South (Extron TR/RC Used)	T1
547	EVIDS Flight Information	CRT	CRT	CRT	Flight Info & Times	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 C Conc South (Extron TR/RC Used)	T1
548	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B1 (Extron TR/RC Used)	T1
549	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B2 (Extron TR/RC Used)	T1
550	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B3 (Extron TR/RC Used)	T1
551	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B4 (Extron TR/RC Used)	T1
552	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B5 (Extron TR/RC Used)	T1
553	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B6 (Extron TR/RC Used)	T1
554	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B7 (Extron TR/RC Used)	T1
555	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B8 (Extron TR/RC Used)	T1
556	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	T1 Gate B9 (Extron TR/RC Used)	T1
557	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C1 (Extron TR/RC Used)	T1
558	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C2 (Extron TR/RC Used)	T1
559	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C3 (Extron TR/RC Used)	T1
560	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C4 (Extron TR/RC Used)	T1

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
561	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C5 (Extron TR/RC Used)	T1
562	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C6 (Extron TR/RC Used)	T1
563	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C7 (Extron TR/RC Used)	T1
564	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C8 (Extron TR/RC Used)	T1
565	Gate Airline Logo	CRT	CRT	CRT	Airline Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1 Gate C9 (Extron TR/RC Used)	T1
566	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1114	T1 Bag Claim #1 Front (Lantronix Server)	T1
567	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1114	T1 Bag Claim #1 Back (Lantronix Server)	T1
568	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1114	T1 Bag Claim #2 Front (Lantronix Server)	T1
569	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1114	T1 Bag Claim #2 Back (Lantronix Server)	T1
570	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1114	T1 Bag Claim #3 Front (Lantronix Server)	T1
571	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1114	T1 Bag Claim #3 Back (Lantronix Server)	T1
572	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1302	T1 Bag Claim #4 Front (Lantronix Server)	T1
573	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1302	T1 Bag Claim #4 Back (Lantronix Server)	T1
574	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1302	T1 Bag Claim #5 Front (Lantronix Server)	T1
575	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1302	T1 Bag Claim #5 Back (Lantronix Server)	T1
576	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1302	T1 Bag Claim #6Back (Lantronix Server)	T1
577	Bag Claim Informatiom	LED	Daktronics	Galaxy 32X192 Tri	Flt Nbr Arrival Arpt	Serial	Cat 5E	T1-1302	T1-1302	T1 Bag Claim #6 Back (Lantronix Server)	T1
578	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T1-1302	T1-1114	T1 BTID Bag Claim #1 (Lantronix Server)	T1
579	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T1-1302	T1-1114	T1 BTID Bag Claim #2 (Lantronix Server)	T1
580	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T1-1302	T1-1302	T1 BTID Bag Claim #3 (Lantronix Server)	T1
581	Baggage Tug Input	LED	INFAX	Infax Built	Flight Input	Serial	Cat 5E	T1-1302	T1-1302	T1 BTID Bag Claim #4 (Lantronix Server)	T1
582	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1302	T1 BC East Front (Lantronix Server)	T1
583	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1302	T1 BC East Front (Lantronix Server)	T1
584	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1114	T1 BC West Back (Lantronix Server)	T1
585	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1114	T1 BC West Back (Lantronix Server)	T1
586	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1302	T1 Entr East Front (Lantronix Server)	T1
587	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1302	T1 Entr East Front (Lantronix Server)	T1
588	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1114	T1 Entr West Back (Lantronix Server)	T1
589	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1114	T1 Entr West Back (Lantronix Server)	T1
590	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1302	T1 TC East Front (Lantronix Server)	T1
591	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1302	T1 TC East Front (Lantronix Server)	T1
592	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1302	T1 TC East Back (Lantronix Server)	T1
593	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1302	T1 TC East Back (Lantronix Server)	T1
594	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1114	T1 Ticketing West (Lantronix Server)	T1
595	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1114	T1 Ticketing West (Lantronix Server)	T1

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
596	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1010	T1 C Check Front (Lantronix Server)	T1
597	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1010	T1 C Check Front (Lantronix Server)	T1
598	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1010	T1 C Check Back (Lantronix Server)	T1
599	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1010	T1 C Check Back (Lantronix Server)	T1
600	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1010	T1 C Conc South Front (Lantronix Server)	T1
601	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1010	T1 C Conc South Front (Lantronix Server)	T1
602	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1010	T1 C Conc South Back (Lantronix Server)	T1
603	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1010	T1 C Conc South Back (Lantronix Server)	T1
604	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1010	T1 C Conc North Front (Lantronix Server)	T1
605	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1010	T1 C Conc North Front (Lantronix Server)	T1
606	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1010	T1 C Conc North Back (Lantronix Server)	T1
607	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1010	T1 C Conc North Back (Lantronix Server)	T1
608	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1666	T1 B Check Front (Lantronix Server)	T1
609	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1666	T1 B Check Front (Lantronix Server)	T1
610	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1666	T1 B Check Back (Lantronix Server)	T1
611	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1666	T1 B Check Back (Lantronix Server)	T1
612	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1666	T1 B Conc South Front (Lantronix Server)	T1
613	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1666	T1 B Conc South Front (Lantronix Server)	T1
614	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1666	T1 B Conc South Back (Lantronix Server)	T1
615	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1666	T1 B Conc South Back (Lantronix Server)	T1
616	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1666	T1 B Conc North Front (Lantronix Server)	T1
617	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1666	T1 B Conc North Front (Lantronix Server)	T1
618	Clock	LED	Daktronics	Galaxy 16X64 Tri	Time	Serial	Cat 5E	T1-1302	T1-1666	T1 B Conc North Back (Lantronix Server)	T1
619	Passenger Paging	LED	Daktronics	Galaxy 48X160 Tri	Psgr Info Scripts	Serial	Cat 5E	T1-1302	T1-1666	T1 B Conc North Back (Lantronix Server)	T1
620	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B1 (Lantronix Server)	T1
621	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B2 (Lantronix Server)	T1
622	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B3 (Lantronix Server)	T1
623	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B4 (Lantronix Server)	T1
624	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B5 (Lantronix Server)	T1
625	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B6 (Lantronix Server)	T1
626	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B7 (Lantronix Server)	T1
627	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B8 (Lantronix Server)	T1
628	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Gate B9 (Lantronix Server)	T1
629	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B1 (Lantronix Server)	T1
630	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B2 (Lantronix Server)	T1

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
631	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B3 (Lantronix Server)	T1
632	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B4 (Lantronix Server)	T1
633	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B5 (Lantronix Server)	T1
634	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B6 (Lantronix Server)	T1
635	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B7 (Lantronix Server)	T1
636	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B8 (Lantronix Server)	T1
637	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1666	T1 Jet Bridge B9 (Lantronix Server)	T1
638	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C1 (Lantronix Server)	T1
639	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C2 (Lantronix Server)	T1
640	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C3 (Lantronix Server)	T1
641	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C4 (Lantronix Server)	T1
642	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C5 (Lantronix Server)	T1
643	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C6 (Lantronix Server)	T1
644	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C7 (Lantronix Server)	T1
645	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C8 (Lantronix Server)	T1
646	Flt Departure Information	LED	Daktronics	Galaxy 64X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 GatE C9 (Lantronix Server)	T1
647	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C1 (Lantronix Server)	T1
648	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C2 (Lantronix Server)	T1
649	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C3 (Lantronix Server)	T1
650	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C4 (Lantronix Server)	T1
651	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C5 (Lantronix Server)	T1
652	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C6 (Lantronix Server)	T1
653	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C7 (Lantronix Server)	T1
654	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C8 (Lantronix Server)	T1
655	Flt Departure Information	LED	Daktronics	Galaxy 48X160 Tri	Gate/Flt# Dest/Time	Serial	Cat 5E	T1-1302	T1-1010	T1 Jet BridgE C9 (Lantronix Server)	T1
656	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #1 TC Display (Lantronix Server)	T1
657	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #2 TC Display (Lantronix Server)	T1
658	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #3 TC Display (Lantronix Server)	T1
659	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #4 TC Display (Lantronix Server)	T1
660	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #5 TC Display (Lantronix Server)	T1
661	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #6 TC Display (Lantronix Server)	T1
662	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #7 TC Display (Lantronix Server)	T1
663	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #8 TC Display (Lantronix Server)	T1
664	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #9 TC Display (Lantronix Server)	T1
665	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #10 TC Display (Lantronix Server)	T1

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
666	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #11 TC Display (Lantronix Server)	T1
667	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #12 TC Display (Lantronix Server)	T1
668	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #13 TC Display (Lantronix Server)	T1
669	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #14 TC Display (Lantronix Server)	T1
670	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #15 TC Display (Lantronix Server)	T1
671	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #16 TC Display (Lantronix Server)	T1
672	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #17 TC Display (Lantronix Server)	T1
673	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #18 TC Display (Lantronix Server)	T1
674	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #19 TC Display (Lantronix Server)	T1
675	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #20 TC Display (Lantronix Server)	T1
676	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #21 TC Display (Lantronix Server)	T1
677	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #22 TC Display (Lantronix Server)	T1
678	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #23 TC Display (Lantronix Server)	T1
679	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #24 TC Display (Lantronix Server)	T1
680	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #25 TC Display (Lantronix Server)	T1
681	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #26 TC Display (Lantronix Server)	T1
682	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #27 TC Display (Lantronix Server)	T1
683	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #28 TC Display (Lantronix Server)	T1
684	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #29 TC Display (Lantronix Server)	T1
685	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #30 TC Display (Lantronix Server)	T1
686	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #31 TC Display (Lantronix Server)	T1
687	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #32 TC Display (Lantronix Server)	T1
688	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #33 TC Display (Lantronix Server)	T1
689	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #34 TC Display (Lantronix Server)	T1
690	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #35 TC Display (Lantronix Server)	T1
691	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #36 TC Display (Lantronix Server)	T1
692	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #37 TC Display (Lantronix Server)	T1
693	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #38 TC Display (Lantronix Server)	T1
694	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #39 TC Display (Lantronix Server)	T1
695	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #40 TC Display (Lantronix Server)	T1
696	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #41 TC Display (Lantronix Server)	T1
697	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #42 TC Display (Lantronix Server)	T1
698	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #43 TC Display (Lantronix Server)	T1
699	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3104	T1 #44 TC Display (Lantronix Server)	T1
700	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #45 TC Display (Lantronix Server)	T1

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
701	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #46 TC Display (Lantronix Server)	T1
702	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #47 TC Display (Lantronix Server)	T1
703	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #48 TC Display (Lantronix Server)	T1
704	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #49 TC Display (Lantronix Server)	T1
705	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #50 TC Display (Lantronix Server)	T1
706	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #51 TC Display (Lantronix Server)	T1
707	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #52 TC Display (Lantronix Server)	T1
708	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #53 TC Display (Lantronix Server)	T1
709	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #54 TC Display (Lantronix Server)	T1
710	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #55 TC Display (Lantronix Server)	T1
711	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #56 TC Display (Lantronix Server)	T1
712	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #57 TC Display (Lantronix Server)	T1
713	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #58 TC Display (Lantronix Server)	T1
714	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #59 TC Display (Lantronix Server)	T1
715	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #60 TC Display (Lantronix Server)	T1
716	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #61 TC Display (Lantronix Server)	T1
717	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #62 TC Display (Lantronix Server)	T1
718	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #63 TC Display (Lantronix Server)	T1
719	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #64 TC Display (Lantronix Server)	T1
720	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #65 TC Display (Lantronix Server)	T1
721	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #66 TC Display (Lantronix Server)	T1
722	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #67 TC Display (Lantronix Server)	T1
723	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #68 TC Display (Lantronix Server)	T1
724	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #69 TC Display (Lantronix Server)	T1
725	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #70 TC Display (Lantronix Server)	T1
726	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #71 TC Display (Lantronix Server)	T1
727	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #72 TC Display (Lantronix Server)	T1
728	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #73 TC Display (Lantronix Server)	T1
729	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #74 TC Display (Lantronix Server)	T1
730	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #75 TC Display (Lantronix Server)	T1
731	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #76 TC Display (Lantronix Server)	T1
732	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #77 TC Display (Lantronix Server)	T1
733	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #78 TC Display (Lantronix Server)	T1
734	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #79 TC Display (Lantronix Server)	T1
735	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #80 TC Display (Lantronix Server)	T1

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
736	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #81 TC Display (Lantronix Server)	T1
737	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #82 TC Display (Lantronix Server)	T1
738	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #83 TC Display (Lantronix Server)	T1
739	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #84 TC Display (Lantronix Server)	T1
740	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #85 TC Display (Lantronix Server)	T1
741	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #86 TC Display (Lantronix Server)	T1
742	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #87 TC Display (Lantronix Server)	T1
743	Ticket Counter Display	LED	Daktronics	Infonet 7x120 Mono	Airline/Open/Closed	Serial	Cat 5E	T1-1302	T1-3155	T1 #88 TC Display (Lantronix Server)	T1
744	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
745	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
746	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
747	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
748	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
749	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
750	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	VPD	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
751	CLOCK	LED	Daktronics	Galaxy 16X64 Tri	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
752	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
753	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
754	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
755	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
756	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
757	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
758	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	VPD	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
759	CLOCK	LED	Daktronics	Galaxy 16X64 Tri	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
760	CLOCK	LED	Daktronics	Galaxy 16X64 Tri	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
761	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3nd Level East (Extron TR/RC Used)	RCC
762	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3nd Level East (Extron TR/RC Used)	RCC
763	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3nd Level East (Extron TR/RC Used)	RCC
764	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3nd Level East (Extron TR/RC Used)	RCC
765	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	VPD	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3nd Level East (Extron TR/RC Used)	RCC
766	CLOCK	LED	Daktronics	Galaxy 16X64 Tri	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
767	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3nd Level West (Extron TR/RC Used)	RCC
768	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3nd Level West (Extron TR/RC Used)	RCC
769	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3nd Level West (Extron TR/RC Used)	RCC
770	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3nd Level West (Extron TR/RC Used)	RCC

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
771	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232B	RCC-232A	RCC 3nd Level West (Extron TR/RC Used)	RCC
772	CLOCK	LED	Daktronics	Galaxy 16X64 Tri	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2rd Level West (Extron TR/RC Used)	RCC
773	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
774	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
775	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
776	EVIDS Flight Information	LCD	NEC	LCD4000BK(A)-IT	Flight Info & Times	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
777	EVIDS Flight Information	LCD	NEC	LCD4010BK(A)-IT	VPD	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
778	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
779	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
780	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
781	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
782	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
783	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
784	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 2nd Level East (Extron TR/RC Used)	RCC
785	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 2nd Level East (Extron TR/RC Used)	RCC
786	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 2nd Level Center (Extron TR/RC Used)	RCC
787	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2ndd Level West (Extron TR/RC Used)	RCC
788	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
789	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 4th Level East (Extron TR/RC Used)	RCC
790	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 4th Level East (Extron TR/RC Used)	RCC
791	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 4th Level West (Extron TR/RC Used)	RCC
792	Directory	LCD	Infocus	30" Infocus	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 4th Level West (Extron TR/RC Used)	RCC
793	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 2nd Level East (Extron TR/RC Used)	RCC
794	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 2nd Level East (Extron TR/RC Used)	RCC
795	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
796	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
797	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 4th Level East (Extron TR/RC Used)	RCC
798	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 4thd Level East (Extron TR/RC Used)	RCC
799	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 5th Level East (Extron TR/RC Used)	RCC
800	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 6th Level East (Extron TR/RC Used)	RCC
801	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 7th Level East (Extron TR/RC Used)	RCC
802	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 8th Level East (Extron TR/RC Used)	RCC
803	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 9th Level East (Extron TR/RC Used)	RCC
804	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
805	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
806	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
807	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
808	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 4th Level West (Extron TR/RC Used)	RCC
809	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 4th Level West (Extron TR/RC Used)	RCC
810	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 5th Level West (Extron TR/RC Used)	RCC
811	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 5th Level West (Extron TR/RC Used)	RCC
812	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 6th Level West (Extron TR/RC Used)	RCC
813	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 6th Level West (Extron TR/RC Used)	RCC
814	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 7th Level West (Extron TR/RC Used)	RCC
815	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 7th Level West (Extron TR/RC Used)	RCC
816	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 8th Level West (Extron TR/RC Used)	RCC
817	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 8th Level West (Extron TR/RC Used)	RCC
818	Directory	LCD	Philips	20" Brillance	Airline/Rental Car info	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 9th Level West (Extron TR/RC Used)	RCC
819	AIW-AirCanada	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T2-1059	T2-1059	T2-1053A	T2
820	AIW-AirJamaica	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T4-2041A	T4-2041A	T4-2030B	T4
821	AIW-AirTran	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T3-1106	T3-1106	T3-1005	T4
822	AIW-AirTranSat	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T4-2041A	T4-2041A	T4-2010E	T4
823	AIW-American	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T3-1611	T3-1611	T3-1709	T3
824	AIW-BahamasAir	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T3-2054	T3-2054	T3-2057	T3
825	AIW-BCADOps	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T4-2213	T4-2213	BCAD Admin Ops Office	Admin
826	AIW-Cayman	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T4-2041A	T4-2041A	T4-2011	T4
827	AIW-CommCtr	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	FS-Comp-Rm	FS-Comp-Rm	FS-Comm Center	CC
828	AIW-Commuter	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T4-2041A	T4-2041A	T4-Commuter Counter	T4
829	AIW-ContinentalBC	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T1-1114	T1-1114	T1-1115	T1
830	AIW-Continental	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T1-1010	T1-1010	T1-Continental Operations Office	T1
831	AIW-Frontier	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T1-3155	T1-3155	T1-Frontier Ticket Office	T1
832	AIW-HudsonGeneral	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T4-1036N	T4-1036N	T4-1059	T1
833	AIW-JetBlue	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T1-1010	T1-1010	T1-JetBlue Operations Office	T1
834	AIW-NortwestOps	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T1-1010	T1-1010	T1-1020	T1
835	AIW-NortwestTC	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T1-3104	T1-3104	T1-Northwest Ticket Office	T1
836	AIW-Spirit	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T4-1034B	T4-1034B	T4-1036A	T4
837	AIW-USAirways	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T3-1133B	T3-1133B	T3-1117	T3
838	INT-American	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T3-1061	T3-1061	T3-2114	T3
839	INT-Delta	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T2-1059	T2-1059	T2-1062	T2
840	INT-Southwest	AIW	Dell	GX110	Airline Flifo Input	TCP/IP	Cat 5E	T1-1666	T1-1666	T1-Southwest Opeartions Office	T1

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
841	CUSTOMS-1	AIW	Dell	Dell 620	Airline Flifo Input	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs Office	T4
842	CUSTOMS-2	AIW	Dell	Dell 620	Airline Flifo Input	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs Office	T4
843	CUSTOMS-3	AIW	Dell	Dell 620	Airline Flifo Input	TCP/IP	Cat 5E	T4-1034B	T4-3104	Customs Office under H Concouse	T4
844	T1-PCLUB-01	DVC	Dell	GX110	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1-P Club	T1
845	T1-PCLUB-02	DVC	Dell	GX110	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	T1-P Club	T1
846	T1-1010-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Kiosks	T1
847	T1-1010-02-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Gates 1-6	T1
848	T1-1010-03-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Gates 7-9	T1
849	T1-1114-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk	T1
850	T1-1114-02-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk	T1
851	T1-1302-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk	T1
852	T1-1302-02-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk	T1
853	T1-1666-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Kiosks	T1
854	T1-1666-02-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Gates 1-6	T1
855	T1-1666-03-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Gates 7-9	T1
856	T1-3104-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Level Kiosk	T1
857	T1-3155-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Level Kiosk	T1
858	T2-2041B-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Bag Claim & Ticketing Kiosks	T2
859	T2-1016-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1016	T2-1016	West Bag Claim & Ticketing Kiosks	T2
860	T2-1059-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Kiosks	T2
861	DVC-T2CD-G3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Gate 3	T2
862	DVC-T2CD-G4	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Gate 4	T2
863	DVC-T2L2-P1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1016	T2-1016	Ticket Counter Plasma	T2
864	DVC-T2L2-P2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1016	T2-1016	Ticket Counter Plasma	T2
865	DVC-T2L2-P3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1016	T2-1016	Ticket Counter Plasma	T2
866	DVC-T2L2-P4	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1016	T2-1016	Ticket Counter Plasma	T2
867	DVC-T2L2-P5	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1016	T2-1016	Ticket Counter Plasma	T2
868	DVC-T2L2-P6	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1016	T2-1016	Ticket Counter Plasma	T2
869	DVC-T2L2-P7	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T2-1016	T2-1016	Ticket Counter Plasma	T2
870	DVC-T3L1N-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
871	DVC-T3L1N-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
872	DVC-T3L1N-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
873	DVC-T3L1N-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
874	DVC-T3L1N-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
875	DVC-T3L1N-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
876	DVC-T3L2N-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
877	DVC-T3L2N-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
878	DVC-T3L2N-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
879	DVC-T3L2N-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
880	DVC-T3L2N-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
881	DVC-T3L2N-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	North Bag Claim & Ticketing Kiosks	T3
882	DVC-T3L1S-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
883	DVC-T3L1S-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
884	DVC-T3L1S-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
885	DVC-T3L1S-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
886	DVC-T3L1S-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
887	DVC-T3L1S-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
888	DVC-T3L2S-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
889	DVC-T3L2S-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
890	DVC-T3L2S-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
891	DVC-T3L2S-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
892	DVC-T3L2S-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
893	DVC-T3L2S-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1073A	T3-1073A	South Bag Claim & Ticketing Kiosks	T3
894	DVC-T3L2C-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Ticketing Center Kiosks	T3
895	DVC-T3L2C-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Ticketing Center Kiosks	T3
896	DVC-T3L2C-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Ticketing Center Kiosks	T3
897	DVC-T3L2C-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Ticketing Center Kiosks	T3
898	DVC-T3L2C-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Ticketing Center Kiosks	T3
899	DVC-T3L2C-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Ticketing Center Kiosks	T3
900	DVC-T3CFE-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
901	DVC-T3CFE-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
902	DVC-T3CFE-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
903	DVC-T3CFE-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
904	DVC-T3CFE-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
905	DVC-T3CFE-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
906	DVC-T3CFW-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
907	DVC-T3CFW-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
908	DVC-T3CFW-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
909	DVC-T3CFW-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
910	DVC-T3CFW-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
911	DVC-T3CFW-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Kiosks	T3
912	DVC-T3CF-G1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Gate 1	T3
913	DVC-T3CF-G2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Gate 2	T3
914	DVC-T3CF-G3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Gate 3	T3
915	DVC-T3CF-G4	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Gate 4	T3
916	DVC-T3CF-G5	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Gate 5	T3
917	DVC-T3CF-G6	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Gate 6	T3
918	DVC-T3CF-G7	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1308A	T3-1308A	Concourse F Gate 7	T3
919	DVC-T3CF-G8	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1611	T3-1611	Concourse F Gate 8	T3
920	DVC-T3CF-G9	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1611	T3-1611	Concourse F Gate 9	T3
921	DVC-T3CF-G10	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1611	T3-1611	Concourse F Gate 10	T3
922	DVC-T3CEE-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Kiosks	T3
923	DVC-T3CEE-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Kiosks	T3
924	DVC-T3CEE-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Kiosks	T3
925	DVC-T3CEE-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Kiosks	T3
926	DVC-T3CEE-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Kiosks	T3
927	DVC-T3CEE-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Kiosks	T3
928	DVC-T3CEW-A1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Kiosks	T3
929	DVC-T3CEW-A2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Kiosks	T3
930	DVC-T3CEW-A3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Kiosks	T3
931	DVC-T3CEW-D1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Kiosks	T3
932	DVC-T3CEW-D2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Kiosks	T3
933	DVC-T3CEW-D3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Kiosks	T3
934	DVC-T3CE-G1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Gate 1	T3
935	DVC-T3CE-G2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Gate 2	T3
936	DVC-T3CE-G3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Gate 3	T3
937	DVC-T3CE-G4	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1106A	T3-1106A	Concourse E Gate 4	T3
938	DVC-T3CE-G5	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Gate 5	T3
939	DVC-T3CE-G6	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Gate 6	T3
940	DVC-T3CE-G7	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Gate 7	T3
941	DVC-T3CE-G8	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Gate 8	T3
942	DVC-T3CE-G9	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Gate 9	T3
943	DVC-T3CE-G10	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-1133B	T3-1133B	Concourse E Gate 10	T3
944	DVC-T3L2-P2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2079A	T3-2079A	Ticket Counter Plasma	T3
945	DVC-T3L2-P3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2079A	T3-2079A	Ticket Counter Plasma	T3

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
946	DVC-T3-L2-CLUB1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T32054	Flight Deck	T3
947	DVC-T3-L2-CLUB2	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Flight Deck	T3
948	DVC-T3-L2-CLUB3	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Flight Deck	T3
949	DVC-T3-L2-CLUB4	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T3-2054	T3-2054	Flight Deck	T3
950	T4-1034B-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk	T4
951	T4-1034B-02-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Gates 1-5	T4
952	T4-1036N-01-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Concourse H Gates 6-10	T4
953	T4-2213-02-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD 1-6	T4
954	T4-2213-03-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD 7-12	T4
955	T4-2213-04-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD 13-18	T4
956	T4-2213-05-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD 19-24	T4
957	T4-2213-06-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD 25-27	T4
958	T4-2213-08-6CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs, Bag Claim, Ticketing Kiosks	T4
959	T4-BRC-01-4CH	DVC	Dell	Dell 240	Display Flifo/Logo	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD 1-3-4-5	T4
960	Bagrecheck	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD 2	T4
961	DVC-T4L1-CUSA	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs, Bag Claim	T4
962	DVC-T4L1-CUSB	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs, Bag Claim	T4
963	RAC-232A-1CH-01	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	ELV DIR West side 2nd and 3rd floor	RCC
964	RAC-232A-1CH-02	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	ELV DIR West side 4th and 5th floor	RCC
965	RAC-232A-1CH-03	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	ELV DIR West side 6th and 7th floor	RCC
966	RAC-232A-1CH-04	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	ELV DIR West side 8th and 9th floor	RCC
967	RAC-232A-1CH-05	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	DIR Podium 2nd floor	RCC
968	RAC-232A-1CH-06	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	DIR Podium 4th floor	RCC
969	RAC-232A-4CH-01	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	Fids West side 1-4 screens 2nd and 3rd floor	RCC
970	RAC-232A-4CH-02	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	Fids West side 5-6 screens 3rd floor	RCC
971	RAC-232A-DVC-01	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	VP 2nd and 3rd floor	RCC
972	DVC-RACL2-V1	DVC	Wyse	V90	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232A	RCC-232A	VP 2nd floor	RCC
973	RAC-232B-1CH-01	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	ELV DIR East side 2nd and 3rd floor	RCC
974	RAC-232B-1CH-02	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	ELV DIR East side 4th and 5th floor	RCC
975	RAC-232B-1CH-03	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	ELV DIR East side 6th and 7th floor	RCC
976	RAC-232B-1CH-04	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	ELV DIR East side 8th and 9th floor	RCC
977	RAC-232B-1CH-05	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	DIR Podium 2nd floor	RCC
978	RAC-232B-1CH-06	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	Dir Podium 4th floor	RCC
979	RAC-232B-4CH-01	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	Fids East side 1-4 screens 2nd and 3rd floor	RCC
980	RAC-232B-4CH-02	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	Fids East side 5-6 screens 3rd floor	RCC

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Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
981	RAC-232B-DVC-01	DVC	Dell	Dell 280	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-232B	RCC-232B	VP 2nd and 3rd floor	RCC
982	DVC-CELL-1	DVC	Dell	Dell 260	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-118	RCC-118	Cell Lot Screen 1-2	Cell Lot
983	DVC-CELL-2	DVC	Dell	Dell 260	Display Flifo/Logo	TCP/IP	Cat 5E	RCC-118	RCC-118	Cell Lot Screen 3-4	Cell Lot
984	A_T1_1010_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T1-1010	T1-1010	24 Total ports	T1
985	A_T1_1114_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T1-1114	T1-1114	24 Total ports	T1
986	A_T1_1302_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T1-1302	T1-1302	24 Total ports	T1
987	A_T1_1666_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T1-1666	T1-1666	24 Total ports	T1
988	A_T1_3104_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T1-3104	T1-3104	24 Total ports	T1
989	A_T1_3155_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T1-3155	T1-3155	24 Total ports	T1
990	A_T2_1009A_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T2-1009A	T2-1009A	24 Total ports	T2
991	A_T2_1016_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T2-1016	T2-1016	24 Total ports	T2
992	A_T2_1059_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T2-1059	T2-1059	24 Total ports	T2
993	A_T3_1050A_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T3-1050A	T3-1050A	24 Total ports	T3
994	A_T3_1050B_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T3-1050B	T3-1050B	24 Total ports	T3
995	A_T3_1061_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T3-1061	T3-1061	24 Total ports	T3
996	A_T3_1106_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T3-1106	T3-1106	24 Total ports	T3
997	A_T3_1133B_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T3-1133B	T3-1133B	24 Total ports	T3
998	A_T3_1308A_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T3-1308A	T3-1308A	24 Total ports	T3
999	A_T3_1611_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T3-1611	T3-1611	24 Total ports	T3
1000	A_T3_COMMCTR_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T3-COMMCTR	T3-COMMCTR	24 Total ports	Comm Center
1001	A_T4_1003_2X_1	Access Switch	Cisco	C2950	Network Access	TCP/IP	MM Fiber	T4-1003	T4-1003	12 Total ports	T4
1002	A_T4_1034B_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T4-1034B	T4-1034B	24 Total ports	T4
1003	A_T4_1036N_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T4-1036N	T4-1036N	24 Total ports	T4
1004	A_T4_2041A_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T4-2041A	T4-2041A	24 Total ports	T4
1005	A_T4_2213_2X_RP	Access Switch	Cisco	C2950	Network Access	TCP/IP	MM Fiber	T4-2213	T4-2213	12 Total ports	T4
1006	A_T4_2213_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T4-2213	T4-2213	24 Total ports	T4
1007	A_T4_2213_3X_2	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T4-2213	T4-2213	24 Total ports	T4
1008	A_T4_FIS_3X_1	Access Switch	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T4-FIS	T4-FIS	24 Total ports	T4
1009	A_T4_FIS_3X_2	Video Transmitter	Cisco	C3524/3550	Network Access	TCP/IP	MM Fiber	T4-FIS	T4-FIS	24 Total ports	T4
1010	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Kiosks Flifo Monitor #1	T1
1011	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Kiosks Flifo Monitor #2	T1
1012	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Kiosks Flifo Monitor #3	T1
1013	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Kiosks Flifo Monitor #4	T1
1014	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Kiosks Flifo Monitor #5	T1
1015	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C Kiosks Flifo Monitor #6	T1

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1016	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C1 Monitor	T1
1017	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C2 Monitor	T1
1018	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C3 Monitor	T1
1019	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C4 Monitor	T1
1020	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C5 Monitor	T1
1021	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C6 Monitor	T1
1022	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C7 Monitor	T1
1023	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C8 Monitor	T1
1024	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C9 Monitor	T1
1025	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Kiosks Flifo Monitor #1	T1
1026	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Kiosks Flifo Monitor #2	T1
1027	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Kiosks Flifo Monitor #3	T1
1028	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Kiosks Flifo Monitor #4	T1
1029	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Kiosks Flifo Monitor #5	T1
1030	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B Kiosks Flifo Monitor #6	T1
1031	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B1 Monitor	T1
1032	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B2 Monitor	T1
1033	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B3 Monitor	T1
1034	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B4 Monitor	T1
1035	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B5 Monitor	T1
1036	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B6 Monitor	T1
1037	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B7 Monitor	T1
1038	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B8 Monitor	T1
1039	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B9 Monitor	T1
1040	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #1	T1
1041	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #2	T1
1042	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #3	T1
1043	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #4	T1
1044	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #5	T1
1045	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #6	T1
1046	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #1	T1
1047	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #2	T1
1048	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #3	T1
1049	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #4	T1
1050	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #5	T1

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1051	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #6	T1
1052	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #1	T1
1053	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #2	T1
1054	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #3	T1
1055	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #4	T1
1056	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #5	T1
1057	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #6	T1
1058	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #1	T1
1059	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #2	T1
1060	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #3	T1
1061	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #4	T1
1062	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #5	T1
1063	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #6	T1
1064	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #1	T1
1065	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #2	T1
1066	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #3	T1
1067	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #4	T1
1068	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #5	T1
1069	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #6	T1
1070	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #1	T1
1071	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #2	T1
1072	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #3	T1
1073	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #4	T1
1074	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #5	T1
1075	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #6	T1
1076	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1009A	T2-1009A	East BC/TKT Kiosk Flifo Monitor #1	T2
1077	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1009A	T2-1009A	East BC/TKT Kiosk Flifo Monitor #2	T2
1078	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1009A	T2-1009A	East BC/TKT Kiosk Flifo Monitor #3	T2
1079	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1009A	T2-1009A	East BC/TKT Kiosk Flifo Monitor #4	T2
1080	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1009A	T2-1009A	East BC/TKT Kiosk Flifo Monitor #5	T2
1081	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1009A	T2-1009A	East BC/TKT Kiosk Flifo Monitor #6	T2
1082	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West BC/TKT Kiosk Flifo Monitor #1	T2
1083	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West BC/TKT Kiosk Flifo Monitor #2	T2
1084	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West BC/TKT Kiosk Flifo Monitor #3	T2
1085	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West BC/TKT Kiosk Flifo Monitor #4	T2

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1086	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West BC/TKT Kiosk Flifo Monitor #5	T2
1087	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West BC/TKT Kiosk Flifo Monitor #6	T2
1088	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Kiosks Flifo Monitor #1	T2
1089	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Kiosks Flifo Monitor #2	T2
1090	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Kiosks Flifo Monitor #3	T2
1091	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Kiosks Flifo Monitor #4	T2
1092	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Kiosks Flifo Monitor #5	T2
1093	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	Concourse D Kiosks Flifo Monitor #6	T2
1094	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #1	T4
1095	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #2	T4
1096	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #3	T4
1097	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #4	T4
1098	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #5	T4
1099	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #6	T4
1100	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H1 Monitor	T4
1101	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H2 Monitor	T4
1102	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H3 Monitor	T4
1103	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H4 Monitor	T4
1104	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H5 Monitor	T4
1105	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H6 Monitor	T4
1106	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H7 Monitor	T4
1107	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H8 Monitor	T4
1108	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H9 Monitor	T4
1109	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H10 Monitor	T4
1110	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #1	T4
1111	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #2	T4
1112	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #3	T4
1113	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #4	T4
1114	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #5	T4
1115	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #6	T4
1116	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #7	T4
1117	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #8	T4
1118	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #9	T4
1119	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #10	T4
1120	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #11	T4

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1121	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #12	T4
1122	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #13	T4
1123	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #14	T4
1124	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #15	T4
1125	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #16	T4
1126	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #17	T4
1127	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #18	T4
1128	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #19	T4
1129	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #20	T4
1130	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #21	T4
1131	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #22	T4
1132	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #23	T4
1133	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #24	T4
1134	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #25	T4
1135	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #26	T4
1136	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter LCD #27	T4
1137	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	CUS/TKT/BC Kiosks Flifo Monitor #1	T4
1138	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	CUS/TKT/BC Kiosks Flifo Monitor #2	T4
1139	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	CUS/TKT/BC Kiosks Flifo Monitor #3	T4
1140	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	CUS/TKT/BC Kiosks Flifo Monitor #4	T4
1141	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	CUS/TKT/BC Kiosks Flifo Monitor #5	T4
1142	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	CUS/TKT/BC Kiosks Flifo Monitor #6	T4
1143	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #1	T4
1144	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #2	T4
1145	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #3	T4
1146	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #4	T4
1147	Video Transmitter	Video Transmitter	Extron	TP T BNC DA4	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #5	T4
1148	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C North Kiosk Flifo Monitor #1	T1
1149	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C North Kiosk Flifo Monitor #2	T1
1150	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C North Kiosk Flifo Monitor #3	T1
1151	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C North Kiosk Flifo Monitor #4	T1
1152	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C North Kiosk Flifo Monitor #5	T1
1153	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C North Kiosk Flifo Monitor #6	T1
1154	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C South Kiosk Flifo Monitor #1	T1
1155	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C South Kiosk Flifo Monitor #2	T1

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1156	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C South Kiosk Flifo Monitor #3	T1
1157	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C South Kiosk Flifo Monitor #4	T1
1158	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C South Kiosk Flifo Monitor #5	T1
1159	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Concourse C South Kiosk Flifo Monitor #6	T1
1160	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C1 Monitor	T1
1161	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C2 Monitor	T1
1162	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C3 Monitor	T1
1163	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C4 Monitor	T1
1164	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C5 Monitor	T1
1165	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C6 Monitor	T1
1166	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C7 Monitor	T1
1167	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C8 Monitor	T1
1168	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1010	T1-1010	Gate C9 Monitor	T1
1169	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B North Kiosk Flifo Monitor #1	T1
1170	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B North Kiosk Flifo Monitor #2	T1
1171	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B North Kiosk Flifo Monitor #3	T1
1172	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B North Kiosk Flifo Monitor #4	T1
1173	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B North Kiosk Flifo Monitor #5	T1
1174	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B North Kiosk Flifo Monitor #6	T1
1175	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B South Kiosk Flifo Monitor #1	T1
1176	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B South Kiosk Flifo Monitor #2	T1
1177	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B South Kiosk Flifo Monitor #3	T1
1178	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B South Kiosk Flifo Monitor #4	T1
1179	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B South Kiosk Flifo Monitor #5	T1
1180	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Concourse B South Kiosk Flifo Monitor #6	T1
1181	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B1 Monitor	T1
1182	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B2 Monitor	T1
1183	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B3 Monitor	T1
1184	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B4 Monitor	T1
1185	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B5 Monitor	T1
1186	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B6 Monitor	T1
1187	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B7 Monitor	T1
1188	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B8 Monitor	T1
1189	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1666	T1-1666	Gate B9 Monitor	T1
1190	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #1	T1

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1191	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #2	T1
1192	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #3	T1
1193	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #4	T1
1194	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #5	T1
1195	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Entrance Kiosk Flifo Monitor #6	T1
1196	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #1	T1
1197	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #2	T1
1198	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #3	T1
1199	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #4	T1
1200	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #5	T1
1201	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1114	T1-1114	West Bag Claim Kiosk Flifo Monitor #6	T1
1202	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #1	T1
1203	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #2	T1
1204	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #3	T1
1205	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #4	T1
1206	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #5	T1
1207	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Entrance Kiosk Flifo Monitor #6	T1
1208	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #1	T1
1209	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #2	T1
1210	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #3	T1
1211	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #4	T1
1212	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #5	T1
1213	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	East Bag Claim Kiosk Flifo Monitor #6	T1
1214	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #1	T1
1215	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #2	T1
1216	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #3	T1
1217	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #4	T1
1218	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #5	T1
1219	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3104	T1-3104	West Ticketing Kiosk Flifo Monitor #6	T1
1220	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #1	T1
1221	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #2	T1
1222	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #3	T1
1223	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #4	T1
1224	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #5	T1
1225	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T1-3155	T1-3155	East Ticketing Kiosk Flifo Monitor #6	T1

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1226	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Bag Claim Kiosk Flifo Monitor #1	T2
1227	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Bag Claim Kiosk Flifo Monitor #2	T2
1228	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Bag Claim Kiosk Flifo Monitor #3	T2
1229	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Bag Claim Kiosk Flifo Monitor #4	T2
1230	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Bag Claim Kiosk Flifo Monitor #5	T2
1231	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Bag Claim Kiosk Flifo Monitor #6	T2
1232	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Ticketing Level Kiosk Flifo Monitor #1	T2
1233	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Ticketing Level Kiosk Flifo Monitor #2	T2
1234	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Ticketing Level Kiosk Flifo Monitor #3	T2
1235	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Ticketing Level Kiosk Flifo Monitor #4	T2
1236	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Ticketing Level Kiosk Flifo Monitor #5	T2
1237	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-2041B	T2-2041B	East Ticketing Level Kiosk Flifo Monitor #6	T2
1238	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Bag Claim Kiosk Flifo Monitor #1	T2
1239	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Bag Claim Kiosk Flifo Monitor #2	T2
1240	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Bag Claim Kiosk Flifo Monitor #3	T2
1241	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Bag Claim Kiosk Flifo Monitor #4	T2
1242	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Bag Claim Kiosk Flifo Monitor #5	T2
1243	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Bag Claim Kiosk Flifo Monitor #6	T2
1244	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Ticketing Level Kiosk Flifo Monitor #1	T2
1245	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Ticketing Level Kiosk Flifo Monitor #2	T2
1246	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Ticketing Level Kiosk Flifo Monitor #3	T2
1247	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Ticketing Level Kiosk Flifo Monitor #4	T2
1248	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Ticketing Level Kiosk Flifo Monitor #5	T2
1249	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	West Ticketing Level Kiosk Flifo Monitor #6	T2
1250	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	East Concourse D Kiosk Flifo Monitor #1	T2
1251	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	East Concourse D Kiosk Flifo Monitor #2	T2
1252	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	East Concourse D Kiosk Flifo Monitor #3	T2
1253	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	East Concourse D Kiosk Flifo Monitor #4	T2
1254	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	East Concourse D Kiosk Flifo Monitor #5	T2
1255	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	East Concourse D Kiosk Flifo Monitor #6	T2
1256	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	West Concourse D Kiosk Flifo Monitor #1	T2
1257	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	West Concourse D Kiosk Flifo Monitor #2	T2
1258	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	West Concourse D Kiosk Flifo Monitor #3	T2
1259	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	West Concourse D Kiosk Flifo Monitor #4	T2
1260	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	West Concourse D Kiosk Flifo Monitor #5	T2

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1261	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T2-1059	T2-1059	West Concourse D Kiosk Flifo Monitor #6	T2
1262	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #1	T4
1263	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #2	T4
1264	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #3	T4
1265	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #4	T4
1266	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #5	T4
1267	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Concourse H Kiosk Flifo Monitor #6	T4
1268	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H1 Monitor	T4
1269	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H2 Monitor	T4
1270	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H3 Monitor	T4
1271	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H4 Monitor	T4
1272	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1034B	T4-1034B	Gate H5 Monitor	T4
1273	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H6 Monitor	T4
1274	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H7 Monitor	T4
1275	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H8 Monitor	T4
1276	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H9 Monitor	T4
1277	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-1036N	T4-1036N	Gate H10 Monitor	T4
1278	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #1	T4
1279	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #2	T4
1280	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #3	T4
1281	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #4	T4
1282	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #5	T4
1283	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #6	T4
1284	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #7	T4
1285	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #8	T4
1286	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #9	T4
1287	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #10	T4
1288	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #11	T4
1289	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #12	T4
1290	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #13	T4
1291	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #14	T4
1292	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #15	T4
1293	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #16	T4
1294	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #17	T4
1295	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #18	T4

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1296	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #19	T4
1297	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #20	T4
1298	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #21	T4
1299	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #22	T4
1300	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #23	T4
1301	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #24	T4
1302	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #25	T4
1303	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #26	T4
1304	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticket Counter Plasma #27	T4
1305	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs Kiosk Flifo Monitor #1	T4
1306	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs Kiosk Flifo Monitor #2	T4
1307	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs Kiosk Flifo Monitor #3	T4
1308	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs Kiosk Flifo Monitor #4	T4
1309	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs Kiosk Flifo Monitor #5	T4
1310	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Customs Kiosk Flifo Monitor #6	T4
1311	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Bag Claim Kiosk Flifo Monitor #1	T4
1312	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Bag Claim Kiosk Flifo Monitor #2	T4
1313	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Bag Claim Kiosk Flifo Monitor #3	T4
1314	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Bag Claim Kiosk Flifo Monitor #4	T4
1315	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Bag Claim Kiosk Flifo Monitor #5	T4
1316	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Bag Claim Kiosk Flifo Monitor #6	T4
1317	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticketing Level Kiosk Flifo Monitor #1	T4
1318	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticketing Level Kiosk Flifo Monitor #2	T4
1319	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticketing Level Kiosk Flifo Monitor #3	T4
1320	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticketing Level Kiosk Flifo Monitor #4	T4
1321	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticketing Level Kiosk Flifo Monitor #5	T4
1322	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Ticketing Level Kiosk Flifo Monitor #6	T4
1323	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #1	T4
1324	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #2	T4
1325	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #3	T4
1326	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #4	T4
1327	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	T4-FIS	T4-FIS	FIS Ticket Counter LCD #5	T4
1328	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #1	RCC
1329	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #2	RCC
1330	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #3	RCC

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1331	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #4	RCC
1332	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #5	RCC
1333	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #6	RCC
1334	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #1	RCC
1335	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #2	RCC
1336	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #3	RCC
1337	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #4	RCC
1338	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #5	RCC
1339	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #6	RCC
1340	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #1	RCC
1341	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #2	RCC
1342	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #3	RCC
1343	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #4	RCC
1344	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 3rd floor LCD #5	RCC
1345	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #1	RCC
1346	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #2	RCC
1347	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #3	RCC
1348	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #4	RCC
1349	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	FIDS East 3rd floor LCD #5	RCC
1350	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 2nd floor LCD #1	RCC
1351	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 2nd floor LCD #2	RCC
1352	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 2nd floor LCD #3	RCC
1353	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 2nd floor LCD #4	RCC
1354	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	FIDS West 2nd floor LCD #5	RCC
1355	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
1356	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
1357	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
1358	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
1359	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
1360	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
1361	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 2nd Level East (Extron TR/RC Used)	RCC
1362	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 2nd Level East (Extron TR/RC Used)	RCC
1363	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 2nd Level Center (Extron TR/RC Used)	RCC
1364	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2ndd Level West (Extron TR/RC Used)	RCC
1365	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC

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Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1366	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 4th Level East (Extron TR/RC Used)	RCC
1367	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232B	RCC 4th Level East (Extron TR/RC Used)	RCC
1368	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 4th Level West (Extron TR/RC Used)	RCC
1369	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 4th Level West (Extron TR/RC Used)	RCC
1370	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 2nd Level East (Extron TR/RC Used)	RCC
1371	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 2nd Level East (Extron TR/RC Used)	RCC
1372	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
1373	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 3rd Level East (Extron TR/RC Used)	RCC
1374	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 4th Level East (Extron TR/RC Used)	RCC
1375	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 4thd Level East (Extron TR/RC Used)	RCC
1376	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 5th Level East (Extron TR/RC Used)	RCC
1377	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 6th Level East (Extron TR/RC Used)	RCC
1378	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 7th Level East (Extron TR/RC Used)	RCC
1379	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 8th Level East (Extron TR/RC Used)	RCC
1380	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232B	RCC-232B	RCC 9th Level East (Extron TR/RC Used)	RCC
1381	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
1382	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 2nd Level West (Extron TR/RC Used)	RCC
1383	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
1384	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 3rd Level West (Extron TR/RC Used)	RCC
1385	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 4th Level West (Extron TR/RC Used)	RCC
1386	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 4th Level West (Extron TR/RC Used)	RCC
1387	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 5th Level West (Extron TR/RC Used)	RCC
1388	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 5th Level West (Extron TR/RC Used)	RCC
1389	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 6th Level West (Extron TR/RC Used)	RCC
1390	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 6th Level West (Extron TR/RC Used)	RCC
1391	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 7th Level West (Extron TR/RC Used)	RCC
1392	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 7th Level West (Extron TR/RC Used)	RCC
1393	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 8th Level West (Extron TR/RC Used)	RCC
1394	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 8th Level West (Extron TR/RC Used)	RCC
1395	Video Receiver	Video Transmitter	Extron	TP R 15 HD A	Video over Cat 5	TCP/IP	Cat 5E	RCC-232A	RCC-232A	RCC 9th Level West (Extron TR/RC Used)	RCC
1396	T1-Lantronix	Serial Server	Lantronix	ETS8P	Serial Over Cat 5	TCP/IP	Cat 5E	T1-1302	T1-1302	Terminal 1 Serial LED Devices	T1
1397	T2-Lantronix	Serial Server	Lantronix	ETS8P	Serial Over Cat 5	TCP/IP	Cat 5E	T2-1016	T2-1016	Terminal 2 Serial LED Devices	T2
1398	T3-Lantronix	Serial Server	Lantronix	ETS8P	Serial Over Cat 5	TCP/IP	Cat 5E	T3-1061	T3-1061	Terminal 3 Serial LED Devices	T3
1399	T4-Lantronix	Serial Server	Lantronix	ETS8P	Serial Over Cat 5	TCP/IP	Cat 5E	T4-2213	T4-2213	Terminal 4 Serial LED Devices	T4
1400	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T1-1302	T1-1302	Terminal 1 Bag Claim Serial Run	T1

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

Existing EVIDS Display Devices Inventory Sheet

Location Ref. #	Use Description	Display Type	Manufacturer	Model #	Displayed Data	Protocol	Cable	Distribution Point	Nearest IDF	Notes	Location
1401	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T1-1302	T1-1302	Terminal 1 Ticket Counter Serial Run	T1
1402	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T1-1302	T1-1302	Terminal 1 Gate Display Serial Run	T1
1403	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T1-1302	T1-1302	Terminal 1 Jetway Serial Run	T1
1404	RS-232 - RS-422	Serial Convertor	Daktronics	IC-08SS	Serial Signal	TCP/IP	Cat 5E	T1-1302	T1-1302	Terminal 1 Bag Tug Input Serial Run	T1
1405	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T2-1016	T2-1016	Terminal 2 Bag Claim Serial Run	T2
1406	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T2-1016	T2-1016	Terminal 2 Ticket Counter Serial Run	T2
1407	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T2-1016	T2-1016	Terminal 2 Concourse VPD Display Serial Run	T2
1408	RS-232 - RS-423	Serial Convertor	Daktronics	IC-08SS	Serial Signal	TCP/IP	Cat 5E	T2-1016	T2-1016	Terminal 2 Bag Tug Input Serial Run	T2
1409	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T3-1061	T3-1061	Terminal 3 Bag Claim Serial Run	T3
1410	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T3-1061	T3-1061	Terminal 3 Ticket Counter Serial Run	T3
1411	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T3-1061	T3-1061	Terminal 3 Gate Display Serial Run	T3
1412	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T3-1061	T3-1061	Terminal 3 Jetway Serial Run	T3
1413	RS-232 - RS-422	Serial Convertor	Daktronics	IC-08SS	Serial Signal	TCP/IP	Cat 5E	T3-1061	T3-1061	Terminal 3 Bag Tug Input Serial Run	T3
1414	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T4-2213	T4-2213	Terminal 4 Bag Claim Serial Run	T4
1415	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T4-2213	T4-2213	Terminal 4 Ticket Counter Serial Run	T4
1416	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T4-2213	T4-2213	Terminal 4 Gate Display Serial Run	T4
1417	RS-232 - RS-422	Serial Convertor	Daktronics	LL-2301	Serial Signal	TCP/IP	Cat 5E	T4-2213	T4-2213	Terminal 4 Jetway Serial Run	T4
1418	RS-232 - RS-422	Serial Convertor	Daktronics	IC-08SS	Serial Signal	TCP/IP	Cat 5E	T4-2213	T4-2213	Terminal 4 Bag Tug Input Serial Run	T4

There is a project currently underway to replace all CRTs and "multi-channel" DVCs in T1 and T2 with NEC LCDs and Wyse V90 LEs. Similar projects are in the design phase for T4 and the RCC.

EXHIBIT C

LICENSED SOFTWARE AND 3rd PARTY SOFTWARE

Project No:	RFP No. 20070514-0-AV-01
Project Title:	AIMS: Airport Information Management System

Facility Name: Ft. Lauderdale/Hollywood International Airport

Technology Area	Use	Product	Number/Type of License	Software Type
Database Server				
	Operating System	Windows 2003 Server 64-bit	5 User (CAL) / Server	3rd Party
	RDBMS	Oracle 10.2.0.1.0	10 Users	3rd Party
	High Availability	Symantec Storage Foundation 5.1	Server	3rd Party
	Volume Management	Symantec Storage Foundation 5.1	Server	3rd Party
	Backup Agent	Symantec Backup Exec 12.5 Oracle Agent for Windows	Server	3rd Party
Application Server				
	Operating System	Windows 2003 Server 64-bit	5 User (CAL) / Server	3rd Party
	Web/Application Server	JBoss 4.2.3.GA	Open Source	3rd Party
	High Availability	Symantec Storage Foundation 5.1	Server	3rd Party
	Volume Management	Symantec Storage Foundation 5.1	Server	3rd Party
	Backup Agent	Symantec Backup Exec 12.5 agent for Windows	Server	3rd Party
	AODB	AirIT Airport Operational Database System V2.1	Unlimited / Site	Licensed
	IMCS	AirIT Interface Management Control System V3.2	Unlimited / Site	Licensed
	FIDS	AirIT Flight Information Display System V1.5.2	Unlimited / Site	Licensed
	EASE	AirIT Extended Airline System Environment	Unlimited / Site	Licensed

EXHIBIT C continued

LICENSED SOFTWARE AND 3rd PARTY SOFTWARE

Technology Area	Use	Product	Number/Type of License	Software Type
		V2.2.3		
	LDCS	AirIT Local Departure Control System V2.1	Unlimited / Site	Licensed
	CUSS	IER Common Use Self Service V1.6	48 / Device	3rd Party
	RMS	AirIT Resource Management System V2.1	Unlimited / Site	Licensed
File Server				
	Operating System	Windows 2003 Server 64-bit	5 User (CAL) / Server	3rd Party
	Backup Software	Symantec Backup Exec 12.5	Server	3rd Party
Workstations(EASE, RMS)				
	Operating System	Windows XP	Device	3rd Party
	JAVA Software	SUN JRE 1.5.0.16	Open Source	3rd Party
Video Control Device (VCD)				
	Operating System	Windows XP	Device	3rd Party
	JAVA Software	SUN JRE 1.5.0.16	Open Source	3rd Party

EXHIBIT D

RATES AND FEES TO BE CHARGED BY CONTRACTOR / SUBCONTRACTORS

Project No:	RFP No. 20070514-0-AV-01
Project Title:	AIMS: Airport Information Management System

Facility Name: Ft. Lauderdale/Hollywood International Airport

REF. #	SYSTEM OR OPTIONS	QTY	TYPE OR UNIT	UNIT COST	EXTENDED COST
	LABOR RATES				
	Contractor (AirIT)				
1	AirIT Software Engineer	1	HR	100	100
2	AirIT Sr. Software Engineer	1	HR	120	120
3	AirIT Software Engineering Manager	1	HR	140	140
4	AirIT System Engineer	1	HR	100	100
5	AirIT Sr. System Engineer	1	HR	120	120
6	AirIT System Engineering Manager	1	HR	140	140
7	AirIT Solution Engineer	1	HR	100	100
8	AirIT Sr. Solution Engineer	1	HR	120	120
9	AirIT Solution Manager	1	HR	140	140
10	AirIT Project / Program Mgr. / Consulting Mgr.	1	HR	150	150
11	Network Engineer	1	HR	150	150
	Subcontractor (Dato Electric)				
12	Dato Electric Electrician	1	HR	98	98
13	Dato Electric Installation Labor	1	HR	78	78

EXHIBIT E

MASTER PRICE LIST

Project No:	RFP No. 20070514-0-AV-01
Project Title:	AIMS: Airport Information Management System

Facility Name: Ft. Lauderdale/Hollywood International Airport

REF. #	SYSTEM OR OPTIONS	QTY	TYPE OR UNIT	UNIT COST	EXTENDED COST
UNIT PRICES (incl. all cost assoc. w/ Delivery excluding taxes)					
1	File Server	1	EA	12,375	12,375
2	Application Server	1	EA	12,375	12,375
3	Database Server	1	EA	12,375	12,375
4	Performance Workstation	1	EA	12,063	12,063
5	Standard Workstation	1	EA	2,438	2,438
6	Display Device Controller	1	EA	1,438	1,438
7	Gate Input Workstation	1	EA	2,438	2,438
8	17" LCD	1	EA	875	875
9	20" LCD	1	EA	1,563	1,563
10	32" LCD	1	EA	1,213	1,213
11	40" LCD	1	EA	1,625	1,625
12	46" LCD	1	EA	5,436	5,436
13	Indoor LED	1	EA	3,126	3,126
14	Baggage Input Consoles	1	EA	2,688	2,688
15	2D Ticket Printer	1	EA	3,733	3,733
16	Bag Tag Printer	1	EA	3,733	3,733
17	MSR / OCR Peripheral	1	EA	1,188	1,188
18	Boarding Gate Reader	1	EA	3,075	3,075

EXHIBIT E

MASTER PRICE LIST

REF. #	SYSTEM OR OPTIONS	QTY	TYPE OR UNIT	UNIT COST	EXTENDED COST
19	DAPP Standard Doc Printer	1	EA	624	624
20	General Doc Printer	1	EA	624	624
21	DAPP 2 Position Ticket Counter	1	EA	16,296	16,296
22	CUSS Kiosk In-line	1	EA	12,813	12,813
23	CUSS Kiosk w/o BTP	1	EA	13,063	13,063
24	CUSS Kiosk w/ BTP	1	EA	15,938	15,938
25	DAPP 2 Position Gate Counter	1	EA	13,214	13,214
26	DAPP Loading Bridge Podium	1	EA	7,244	7,244
27	DAPP Operational Workstation	1	EA	2,438	2,438
~~28~~	~~Cisco 3560~~	~~1~~	~~EA~~	~~6,276~~	~~6,276~~
29	UPS	1	EA	4,360	4,360

Payment Schedule
Exhibit F

Ft. Lauderdale-Hollywood International Airport
Airport Information Management Systems (AIMS)
Payment Schedule

Sub-phase	Deliverable/Milestone Description	Units	Unit Cost	Value		Phase 0	Phase 1	Phase 2	Phase 3	Optional Services
0001	Completion and preliminary acceptance of Detailed Project Schedule and Submittal Schedule	1	$115,000.00	$115,000.00		$115,000				
0002	Preliminary acceptance of existing conditions documentation	1	$175,000.00	$175,000.00		$175,000				
1001	Completion and preliminary acceptance of all Phase 1 Deliverables as detailed in Exhibit A 1.6.2 item 101	1	$140,000.00	$140,000.00			$140,000			
1002	Completion and preliminary acceptance of all Phase 1 Workshops as detailed in Exhibit A 1.6.2 item 102	1	$110,000.00	$110,000.00			$110,000			
1003	Installation, configuration, and preliminary acceptance of all AIMS head-end equipment (equipment and operating system)	1	$350,000.00	$350,000.00			$350,000			
1004	Installation, configuration, and preliminary acceptance of test lab	1	$186,519.00	$186,519.00			$186,519			
1005	Completion and preliminary acceptance of the FAT (LDCS for DAPP, CUSS excluded)	1	$459,000.00	$459,000.00			$459,000			
1006	Completion of phase #1 (50% license fee)	1	$229,500.00	$229,500.00			$229,500			
2001	**EVIDS Deployment**									
2001.01	New EVIDS workstations and input devices installed, configured, and tested (all inputs to EVIDS through AIMS, interface to Infax system complete, airline feeds - Delta, Southwest, and American complete, screen layouts complete, AIMS configured to accommodate all EVIDS functionality)	1	$250,000.00	$250,000.00				$250,000		
2001.02	EVIDS Training Complete	1	$15,000.00	$15,000.00				$15,000		
2001.03	Existing EVIDS Displays configured and driven by new system - Terminal One complete	1	$25,000.00	$25,000.00				$25,000		

Prices do not reflect Retainage percentage or amount.

Payment Schedule
Exhibit F

Ft. Lauderdale-Hollywood International Airport
Airport Information Management Systems (AIMS)
Payment Schedule

Sub-phase	Deliverable/Milestone Description	Units	Unit Cost	Value		Phase 0	Phase 1	Phase 2	Phase 3	Optional Services
2001.04	Existing EVIDS Displays configured and driven by new system - Terminal Two complete	1	$25,000.00	$25,000.00				$25,000		
2001.05	Existing EVIDS Displays configured and driven by new system - Terminal Three complete	1	$25,000.00	$25,000.00				$25,000		
2001.06	Existing EVIDS Displays configured and driven by new system - Terminal Four complete	1	$25,000.00	$25,000.00				$25,000		
2001.07	New EVIDS Displays installed, configured, and tested - 50% complete	1	$100,000.00	$100,000.00				$100,000		
2001.08	New EVIDS Displays installed, configured, and tested - 100% complete	1	$100,000.00	$100,000.00				$100,000		
2002	**DAPP Deployment**									
2002.01	Configuration of all DAPP stage 1 Airlines	1	$250,000.00	$250,000.00				$250,000		
2002.02	Configuration of all CUSS stage 1 Airlines	1	$150,000.00	$150,000.00				$150,000		
2002.03	DAPP Training Complete - Stage 1 Airlines	1	$20,000.00	$20,000.00				$20,000		
2002.04	Installation, configuration, and testing of DAPP end user devices - 25% complete	1	$187,750.00	$187,750.00				$187,750		
2002.05	Installation, configuration, and testing of DAPP end user devices - 50% complete	1	$187,750.00	$187,750.00				$187,750		
2002.06	Installation, configuration, and testing of DAPP end user devices - 75% complete	1	$165,000.00	$165,000.00				$165,000		
2002.07	Installation, configuration, and testing of DAPP end user devices - 100% complete	1	$165,000.00	$165,000.00				$165,000		
2002.08	Installation, configuration, and testing of CUSS stations - 25% complete	1	$145,000.00	$145,000.00				$145,000		
2002.09	Installation, configuration, and testing of CUSS stations - 50% complete	1	$75,000.00	$75,000.00				$75,000		
2002.10	Installation, configuration, and testing of CUSS stations - 75% complete	1	$75,000.00	$75,000.00				$75,000		

Prices do not reflect Retainage percentage or amount.

Payment Schedule
Exhibit F

Ft. Lauderdale-Hollywood International Airport
Airport Information Management Systems (AIMS)
Payment Schedule

Sub-phase	Deliverable/Milestone Description	Units	Unit Cost	Value		Phase 0	Phase 1	Phase 2	Phase 3	Optional Services
2002.11	Installation, configuration, and testing of CUSS stations - 100% complete	1	$75,000.00	$75,000.00				$75,000		
2003	**RMS/AODB Deployment**									
2003.01	Installation, configuration, and testing of AODB including third party feed - 100% complete	1	$300,000.00	$300,000.00				$300,000		
2003.02	Installation, configuration, and testing of RMS and associated end user devices - 100% complete	1	$150,000.00	$150,000.00				$150,000		
2004	Completion and preliminary acceptance of all phase 2 deliverables associated with stage 1 airlines as detailed in Exhibit A 1.6.3 item 214	1	$100,000.00	$100,000.00				$100,000		
3001	Completion and preliminary acceptance of Performance Verification Testing for AIMS including stage 1 airlines	1	$70,000.00	$70,000.00					$70,000	
3002	Completion and preliminary acceptance of all remaining training	1	$20,000.00	$20,000.00					$20,000	
3003	Completion and preliminary acceptance of Endurance Testing for AIMS including stage 1 airlines	1	$70,000.00	$70,000.00					$70,000	
3004	Completion and preliminary acceptance of all Phase 3 deliverables for stage 1 airlines as detailed in Exhibit A 1.6.4 item 308	1	$93,901.00	$93,901.00					$93,901	
3005	Final Acceptance by County (50% license fee)	1	$229,500	$229,500.00					$229,500	
	Total Base Services			**$4,858,920.00**						

Prices do not reflect Retainage percentage or amount.

EXHIBIT G

KEY STAFF

Project No:	RFP No. 20070514-0-AV-01
Project Title:	AIMS: Airport Information Management System

Facility Name: Ft. Lauderdale/Hollywood International Airport

NAME	**TITLE**
Jeff Shull	SVP Airport Solutions – Project Executive
Marc Dormoy	AirIT Project Manager
Carmen Dobre	VP Engineering / Solution Design
James Smith	Program Manager – Operational Systems
Ray Vecchiarelli	Manager – IT Support
Don Casey	System Architect

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID LD AIRTR-1 | DATE (MM/DD/YYYY) 05/20/09

PRODUCER

Lykes Insurance, Inc. - TB
P. O. Box 2703
Winter Park FL 32790
Phone: 407-644-5722 Fax: 407-628-1363

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Air-Transport IT Services Inc.
5950 Hazeltine Nat'l Dr. #210
Orlando FL 32822

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Hartford Fire Insurance Co.	19682
INSURER B: Amer Int'l Specialty Lines Ins	
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	X	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC	21SBQRQ7877	06/01/09	06/01/10	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 300,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
		AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS				COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
A	X	HIRED AUTOS	21SBQRQ7877	06/01/09	06/01/10	BODILY INJURY (Per person)	$
A	X	NON-OWNED AUTOS	21SBQRQ7877	06/01/09	06/01/10	BODILY INJURY (Per accident)	$
						PROPERTY DAMAGE (Per accident)	$
		GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A		EXCESS/UMBRELLA LIABILITY X OCCUR CLAIMS MADE DEDUCTIBLE X RETENTION $10,000	21SBQRQ7877	06/01/09	06/01/10	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000 $ $ $
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $
B		OTHER Technology E&O 25,000. Ded.Ea.Act	01-502-63-56	01/27/09	01/27/10	Ea.Claim Aggregate	2,000,000 2,000,000

Digitally signed by Dawn Mehler
DN: cn=Dawn Mehler, c=US, o=Broward County, ou=Risk Management, email=dmehler@broward.org
Date: 2009.08.20 09:15:18 -04'00'

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

County and Broward County Board of County Commissioners are additional insured as respects to General Liability. Umbrella follows form.

CERTIFICATE HOLDER

BROWA-3

Broward County Board
of County Commissioners
100 Aviation Blvd.
Ft. Lauderdale FL 33315

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
William P. Lowtree III

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)
08/17/09
Certificate ID: 124402

PRODUCER
Aon Risk Services, Inc. of FL
1001 Brickell Bay Drive, Suite #1100
Miami, FL 33131-4937
Phone: 800-743-8130 Fax: 800-522-7514

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Illinois National Insurance Co	23817
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	

INSURED
ADP TotalSource II, Inc.
10200 Sunset Drive
Miami, FL 33173
ALTERNATE EMPLOYER
Air Transport IT Services Inc.
5950 Hazeltine National Dr Suite 210
Orlando, FL 32822

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS, AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. LIMITS SHOWN ARE AS REQUESTED.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
	☐	**GENERAL LIABILITY** ☐ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PROJECT ☐ LOC				EACH OCCURRENCE	$
						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
						MED EXP (Any one person)	$
						PERSONAL & ADV INJURY	$
						GENERAL AGGREGATE	$
						PRODUCTS – COMP/OP AGG	$
							$
	☐	**AUTOMOBILE LIABILITY** ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident)	$
						BODILY INJURY (Per person)	$
						BODILY INJURY (Per accident)	$
						PROPERTY DAMAGE (Per accident)	$
	☐	**GARAGE LIABILITY** ☐ ANY AUTO				AUTO ONLY – EA ACCIDENT	$
						OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS / UMBRELLA LIABILITY ☐ OCCUR ☐ CLAIMS MADE ☐ DEDUCTIBLE ☐ RETENTION				EACH OCCURRENCE	$
						AGGREGATE	$
							$
							$
							$
A		WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH) If Yes, describe under SPECIAL PROVISIONS below	WC 060167007 FL	07/01/09	07/01/10	☒ WC STATU-TORY LIMITS ☐ OTHER	
						E.L. EACH ACCIDENT	$ $2,000,000
						E.L. DISEASE – EA EMPLOYEE	$ $2,000,000
						E.L. DISEASE – POLICY LIMIT	$ $2,000,000
		OTHER					

Digitally signed by Dawn Mehler
DN: cn=Dawn Mehler, c=US, o=Broward County, ou=Risk Management, email=dmehler@broward.org
Date: 2009.08.20 09:21:43 -04'00'

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
All worksite employees working for the above named client company, paid under ADP TOTALSOURCE, INC.'s payroll, are covered under the above stated policy. The above named client is an alternate employer under this policy.

CERTIFICATE HOLDER
BROWARD COUNTY BOARD OF COUNTY COMMISSIONER
RISK MANAGMENT DIVISION, RM 210
115 S. ANDREWS AVENUE
FT. LAUDERDALE, FL 33301

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Juan E. Bolton

EXHIBIT "I-1"

Work Authorization No. ____

Under Contract Administrator's Authority

Project Title: AIRPORT INFORMATION MANAGEMENT SYSTEM
RFP No: RFP 20070514-0-AV-01
Contractor: AIR-TRANSPORT IT SERVICES, INC., a Delaware corporation

This Work Authorization is between Broward County and Contractor as required pursuant to a SYSTEM AND SERVICES AGREEMENT approved by the Broward County Board of County Commissioners on _____, 2009 ("Agreement").

This Work Authorization provides for Services consistent with the Agreement referenced above and as specifically described in the attached proposal and scope. Payment(s) for such services shall be in accordance with the Agreement. The time period for this Work Authorization will consist of ____ (___) calendar days, or as set forth in the attachment hereto.

Budget	**Purchase Order Number**	**Department Name**
_____	_____	Aviation Department

Fee Determination: Payment for services under this Work Authorization shall be as follows:

Total Lump Sum/Maximum Not-to-Exceed $_____

Contractor

Attest: AIR-TRANSPORT IT SERVICES, INC.

By: _____ _____
Secretary Date Date

Corporate Seal Name & Title:_____

County

Recommended by Consultant: Broward County,
through its Contract Administrator

_____ _____
Convergent Strategies Consulting, Inc. Date

Date _____ Name & Title: _____

EXHIBIT "I-2"

Work Authorization No. ____

Under Purchasing Director's Authority

Project Title: AIRPORT INFORMATION MANAGEMENT SYSTEM
RFP No: RFP 20070514-0-AV-01
Contractor: AIR-TRANSPORT IT SERVICES, INC., a Delaware corporation

This Work Authorization is between Broward County and Contractor as required pursuant to a SYSTEM AND SERVICES AGREEMENT approved by the Broward County Board of County Commissioners on _____, 2009 ("Agreement").

This Work Authorization provides for Services consistent with the Agreement referenced above and as specifically described in the attached proposal and scope. Payment(s) for such services shall be in accordance with the Agreement. The time period for this Work Authorization will consist of ____ (___) calendar days, or as set forth in the attachment hereto.

Budget	**Purchase Order Number**	**Department Name**
_____	_____	Aviation Department

Fee Determination: Payment for services under this Work Authorization shall be as follows:

Total Lump Sum/Maximum Not-to-Exceed $_____

Contractor

Attest:

By: _____
Secretary Date

Corporate Seal

AIR-TRANSPORT IT SERVICES, INC.

_____
Date

Name & Title _____

County

Recommended by Consultant:

_____
Convergent Strategies Consulting, Inc. Date

Recommended by
Contract Administrator:

_____
Date

Name & Title: _____

Broward County,
through its Director of Purchasing

_____
Director of Purchasing Date

Approved as to form by
Office of County Attorney
Broward County, Florida
JEFFREY J. NEWTON, County Attorney

By: _____
Assistant County Attorney

EXHIBIT "I-3"

Work Authorization No. ____

Under Board of County Commissioners' Authority

Project Title: AIRPORT INFORMATION MANAGEMENT SYSTEM
RFP No: RFP 20070514-0-AV-01
Contractor: AIR-TRANSPORT IT SERVICES, INC., a Delaware corporation

This Work Authorization is between Broward County and Contractor as required pursuant to a SYSTEM AND SERVICES AGREEMENT approved by the Broward County Board of County Commissioners on _____, 2009 ("Agreement").

This Work Authorization provides for Services consistent with the Agreement referenced above and as specifically described in the attached proposal and scope. Payment(s) for such services shall be in accordance with the Agreement. The time period for this Work Authorization will consist of ____ (___) calendar days, or as set forth in the attachment hereto.

Budget	**Purchase Order Number**	**Department Name**
_____	_____	Aviation Department

Fee Determination: Payment for services under this Work Authorization shall be as follows:

Total Lump Sum/Maximum Not-to-Exceed $_____

Attest:

By: _____
Secretary Date
Corporate Seal

AIR-TRANSPORT IT SERVICES, INC.

_____
Date
Name & Title _____

COUNTY

_____
County Administrator and Ex-Officio
Clerk of the Board of County Commissioners
Broward County, Florida

Recommended by Consultant

_____
Convergent Strategies Date
Consulting, Inc.

Recommended by Contract Administrator:

_____
Date
Name & Title: _____

BROWARD COUNTY, through its
Board of County Commissioners

_____
Mayor Date

Approved as to form by
Office of the County Attorney
Broward County, Florida
JEFFREY J. NEWTON, County Attorney

By:_____
Assistant County Attorney

Risk Management Division:

By: _____
Date

EXHIBIT J

SCHEDULE OF SUBCONTRACTOR PARTICIPATION

Project No:	RFP No. 20070514-0-AV-01
Project Title:	AIMS: Airport Information Management System

Facility Name: Ft. Lauderdale/Hollywood International Airport

No.	Firm Name	Discipline
1.	**Dato Electric, Inc.**	Electrical, data, equipment supply and installation
2		
3		
4		
5.		
6.		
7		
8		
9.		
10.		

EXHIBIT J - I

BROWARD COUNTY FLORIDA

SCHEDULE OF (CDBE) PARTICIPATION

(Submit this form with an executed Letter of Intent from each CDBE firm listed in this form)

Bid/RLI/RFP #: 20070514-0-AV-01	Project Location: Ft. Lauderdale Int'l Airport	Date Form Submitted: December 26, 2008
Project Name: Airport Information System (AIMS)		Project Start Date: estimated 2/1/09
Prime Contractor: Air-Transport IT Services, Inc. (AirIT)	Address: 5950 Hazeltine National Dr. , #210, Orlando, Florida 32822	
Contact Person: Chris Keller	Telephone #: 407-370-4664	Fax #: 407-370-4657

CDBE Subcontractor	CDBE Expiration date	Address	Phone	Type of Work to be Performed	Sub-contract Amount (Agreed Price ($) or Percentage (%)
Dato Electric, Inc.	June 1, 2009	8050 N. University Drive, Suite 206, Tamarac, FL 33321	954-597-7700	Electrical, Data, Equipment Supply and Installation	16% (*See breakdown below)
				Base contract	$ 5,438,920.00
				Support & Maintenance (Yr 1)	$ 941,906.00
				Total Contract Amount	$ 6,380,826.00
				Total CDBE Participation	$1,020,932
				Total Contract Amount	$6,380,826.00
				CDBE Subcontractor Participation Percentage (Total amount allocated to CDBEs divided by Total Contract Amount)	16%

The listing of a CDBE shall constitute a representation by the bidder/responder to Broward County that such CDBE has been contacted and properly apprised of the upcoming County project. Bidders/Responders are advised that the information contained herein is subject to verification by the Small Business Development Division and that submission of said information is an assertion of its accuracy, per the requirements of the Small Business Development Program.

I certify that the above information is true to the best of my knowledge:

Signature:	Title: Executive Vice President and COO	Date: 3/12/09

THIS DOCUMENT MUST BE PROVIDED WITH THE SUBMITTAL AND SIGNED BY THE PERSON SIGNING THE SUBMITTAL

SBDD COMPLIANCE FORM 2007-3

Exhibit J-2

00924. CERTIFICATION OF PAYMENTS TO SUBCONTRACTORS:

Bid/Contract No. _____

Contract No. _____ Project Title _____

The undersigned CONTRACTOR hereby swears under penalty of perjury that:

1. CONTRACTOR has paid all subcontractors all undisputed contract obligations for labor, services, or materials provided on this project within the time period set forth in Section 255.735, Florida Statutes.

2. The following subcontractors have not been paid because of disputed contractual obligations; a copy of the notification sent to each, explaining the good cause why payment has not been made, is attached to this form:

Subcontractor name and address	Date of disputed invoice	Amount in dispute
_____	_____	_____
_____	_____	_____
_____	_____	_____

Dated _____, 20___

_____
Contractor

By_____
(Signature)

By_____
(Name and Title)

Exhibit J-2

CERTIFICATION OF PAYMENTS TO SUBCONTRACTORS
(Continued)

STATE OF)
) SS.
COUNTY OF)

The foregoing instrument was acknowledged before me this _____ day of _____, 20__, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

WITNESS my hand and official seal, this _____ day of _____, 20__.

(NOTARY SEAL)

_____
(Signature of person taking acknowledgment)

_____
(Name of officer taking acknowledgment)
typed, printed or stamped

_____
(Title or rank)

My commission expires: _____
(Serial number, if any)

MONTHLY (CDBE) UTILIZATION REPORT

Report No._____

Contract #:	**Contract Amount:**	**Date Form Submitted:**	
Project Description:		**Project Completion Date:**	
Prime Contractor:		**Period Ending:**	
Contact Person:		**Telephone#: ( )**	**Fax#: ( )**

SUBCONTRACTING INFORMATION

TO BE SUBMITTED TO BROWARD COUNTY SMALL BUSINESS DEVELOPMENT DIVISION

CDBE Subcontractor	Address	Description of Work	Original Agreed Price	Revised Agreed Price	% of work Completed to Date	Amount Paid This Period	Amount Paid To Date

I certify that the information submitted in this report is in fact true and correct to the best of my knowledge

Signature:	**Title:**	**Date:**

Note: The information provided herein is subject to verification by the Small Business Development Division.

SBDD Compliance Form 2007-3

BROWARD COUNTY FLORIDA

FINAL (CDBE) UTILIZATION REPORT

Report No._____

Contract #:	**Contract Amount:**	**Date Form Submitted:**	
Project Description:		**Project Completion Date:**	
Prime Contractor:		**Period Ending:**	
Contact Person:		**Telephone#: ( )**	**Fax#: ( )**

SUBCONTRACTING INFORMATION

TO BE SUBMITTED TO BROWARD COUNTY SMALL BUSINESS DEVELOPMENT DIVISION

CDBE Subcontractor	Address	Description of Work	Original Agreed Price	Revised Agreed Price	% of work Completed to Date	Amount Paid This Period	Amount Paid To Date

I certify that the information submitted in this report is in fact true and correct to the best of my knowledge

Signature:	**Title:**	**Date:**

Note: The information provided herein is subject to verification by the Small Business Development Division.

SBDD Compliance Form 2007-5

EXHIBIT K

APPLICATION AND CERTIFICATE FOR PAYMENT

To Owner: Broward County Aviation Department
c/o Airport Development
100 Aviation Blvd.
Fort Lauderdale, Florida 33315

From Contractor: _____

Contract For: _____

Vendor Code: _____
P.O. NO.: _____

Date: _____
Period To/From: _____
RLI No.: _____
Project Name: _____
Work Authorization No.: _____
Project Manager: _____
Request for Payment No.: _____
NTP Date: _____

CONTRACTOR'S APPLICATION FOR PAYMENT
Application is made for payment, as shown below, in connection with the contract. Continuation Sheet - Schedule of Values Form is attached.

1)	Original Contract Sum		
2)	Net change by Change Orders, Amendments		
3)	Contract Sum To Date (Line 1±2)		$ -
4)	Total Completed and Stored to Date (Column G on Schedule of Values Form)		
5)	Retainage:		
	a) _____% of Completed Work (Columns D + E)	$ -	
	b) _____% of Stored Material (Columns F)	$ -	
	Total Retainage: (Line 5a + 5b or Total in Column M)		$ -
6)	Total Earned Less Retainage (Lines 4 less Line 5 Total)		$ -
7)	Less Previous Applications for Payment (Line 6 from prior Certificate)		
8)	Current Payment Due		$ -
9)	Balance to Finish, Including Retainage (Line 3 less Line 6)		$ -

Change Order, Amendments Summary	Additions	Deductions
Total changes approved in previous months by Owner.		
Total approved this month		
TOTALS	$ -	$ -
NET CHANGES by Change Order, Amendments	$ -	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: _____
By: _____ Date: _____
State of: _____ County of: _____
Subscribed and sworn to before me this _____ day of _____ Notary Public: _____ My Commission Expires: _____

Project Manager Certificate for Payment
In accordance with the Contract Documents, based on on-site observations and the data comprising this Application, the Project Manager certifies to the Owner that to the best of his knowledge, information and belief, the Work has progressed as indicated, including all quantities, materials, work percentages completed, and the quality of the Work is in accordance with the Contract Documents and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED _____
(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet (Schedule of Values) that are changed to conform to the amount certified.)

PROJECT MANAGER for BCAD
By: _____
Print Name: _____ Date: _____

DIRECTOR, AIRPORT DEVELOPMENT
By: _____
Print Name: _____ Date: _____

The undersigned, after examination of the attached payment request, notes that: (1) The Project Manager's review has conformed to established BCAD procedural standards, (2) that the Project Manager has received sufficient information and backup documentation from the Contractor for analysis and his subsequent recommendation for payment, and (3) that such recommended payment amount appears to be fair and reasonable.

OWNER: BROWARD COUNTY AVIATION DEPARTMENT, CONTRACT ADMINISTRATOR

By: _____
Name: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

EXHIBIT K (page 2)

CONTINUATION SHEET - Schedule of Values
Consultant's Payment Request

The Consultant's Payment Request, containing the Consultant's signed Certification, is attached.
Use the final column on contracts where retainage is applicable.

Date: _____
Period To/From: _____
RLI No.: _____
Project Name: _____
Work Authorization No.: _____
BCAD Project Manager: _____
Request for Payment No.: _____
NTP Date: _____
Consultant Invoice Number _____

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
CONSULTANT	DESCRIPTION OF WORK	SCHEDULED VALUE	METHOD - LS or NTE	WORK COMPLETED PREVIOUS APPLICATION	WORK COMPLETED THIS APPLICATION	TOTAL AMOUNT INVOICED TO DATE	% COMPLETE NTP	% CONTRACT LIMIT	REMAINING BALANCE	THIS INVOICE RETAINAGE HELD	THIS INVOICE RETAINAGE RELEASED	TOTAL TO DATE RETAINAGE HELD	TOTAL TO DATE RETAINAGE RELEASED	APPROVED FOR PAYMENT
TASK														
SUBTOTAL														

REIMBURSABLES:														
SUBTOTAL														

TOTAL ALL CATEGORIES														

EXHIBIT L

Board of County Commissioners, Broward County, Florida

CHANGE ORDER
REGULAR

CHANGE ORDER NO.: _____

PROJECT TITLE: _____

BUDGET NO.: _____ REQUISITION NO.: _____

CONTRACT NO.: _____ PROJECT NO.: _____ PURCHASE ORDER NO.: _____

TO: _____ CONTRACTOR

THE FOLLOWING CHANGES ARE HEREBY AUTHORIZED upon approval of the County Administrator or Designee and signature below:

DESCRIPTIONS OF CHANGES, REASONS THEREFORE, AND COST AND/OR TIME CHANGE FOR EACH:

COST BASIS:

Description of Change:

CONTRACT AMOUNT BEFORE THIS CHANGE: $ _____

TOTAL CHANGE IN CONTRACT AMOUNT:

☒ INCREASE $ _____ ☐ DECREASE $ _____ ☐ NO CHANGE

TOTAL CHANGE IN CONTRACT PERIOD: ADD: 0 CALENDAR DAYS

DEDUCT: 0 CALENDAR DAYS

Signature: _____

Title: _____

Date: _____

New Contract Time: _____ **Days**

New Contract Amount: $_____

RECOMMENDED BY:
(Agent(s) for Board)

Signature: _____

Title: _____

Date: _____

Signature: _____

Title: _____

Date: _____

ACCEPTED BY CONTRACTOR: (Unless separately requested acknowledged in writing)

Signature: _____

Title: _____

Date: _____

APPROVED BY:

COUNTY ADMINISTRATOR OR DESIGNEE:

Signature: _____

Title: _____

Date: _____

Optional Services Category 1
Exhibit M
Ft. Lauderdale-Hollywood International Airport
Airport Information Management Systems (AIMS)
Optional Services Category 1 Detail *

Category 1	Deliverable/Milestone Description	Units	Unit Cost	Value
Configuration, testing, and preliminary acceptance of all DAPP stage 2 Airlines				
1.01	Configuration, testing, and preliminary acceptance of all DAPP related components for Allegiant	1	$10,000.00	$10,000.00
1.02	Configuration, testing, and preliminary acceptance of all DAPP related components for Frontier	1	$10,000.00	$10,000.00
1.03	Configuration, testing, and preliminary acceptance of all DAPP related components for JetBlue	1	$10,000.00	$10,000.00
1.04	Configuration, testing, and preliminary acceptance of all DAPP related components for Air Canada	1	$10,000.00	$10,000.00
1.05	Configuration, testing, and preliminary acceptance of all DAPP related components for AirTran	1	$10,000.00	$10,000.00
1.06	Configuration, testing, and preliminary acceptance of all DAPP related components for Bahamas Air	1	$10,000.00	$10,000.00
1.07	Configuration, testing, and preliminary acceptance of all DAPP related components for CanJet	1	$10,000.00	$10,000.00
1.08	Configuration, testing, and preliminary acceptance of all DAPP related components for Continental	1	$10,000.00	$10,000.00
1.09	Configuration, testing, and preliminary acceptance of all DAPP related components for Continental Connection (Gulfstream)	1	$10,000.00	$10,000.00
1.10	Configuration, testing, and preliminary acceptance of all DAPP related components for Delta/Delta Connection	1	$10,000.00	$10,000.00
1.11	Configuration, testing, and preliminary acceptance of all DAPP related components for Northwest/KLM	1	$10,000.00	$10,000.00
1.12	Configuration, testing, and preliminary acceptance of all DAPP related components for US Airways	1	$10,000.00	$10,000.00
1.13	Configuration, testing, and preliminary acceptance of all DAPP related components for Air Sunshine	1	$10,000.00	$10,000.00

*Specific Airlines and Order are Subject to Change

Optional Services Category 1
Exhibit M
Ft. Lauderdale-Hollywood International Airport
Airport Information Management Systems (AIMS)
Optional Services Category 1 Detail *

Category 1	Deliverable/Milestone Description	Units	Unit Cost	Value
1.14	Configuration, testing, and preliminary acceptance of all DAPP related components for Chalks	1	$10,000.00	$10,000.00
1.15	Configuration, testing, and preliminary acceptance of all DAPP related components for Lynx Air International	1	$10,000.00	$10,000.00
1.16	Configuration, testing, and preliminary acceptance of all DAPP related components for Yellow Air Taxi	1	$10,000.00	$10,000.00
Configuration, testing, and preliminary acceptance of all CUSS stage 2 Airlines				
1.17	Configuration, testing, and preliminary acceptance of all CUSS related components for Air Jamaica	1	$10,000.00	$10,000.00
1.18	Configuration, testing, and preliminary acceptance of all CUSS related components for AirTran	1	$10,000.00	$10,000.00
1.19	Configuration, testing, and preliminary acceptance of all CUSS related components for Continental Connection (Gulfstream)	1	$10,000.00	$10,000.00
1.20	Configuration, testing, and preliminary acceptance of all CUSS related components for Frontier	1	$10,000.00	$10,000.00
1.21	Configuration, testing, and preliminary acceptance of all CUSS related components for Southwest	1	$10,000.00	$10,000.00
1.22	Configuration, testing, and preliminary acceptance of all CUSS related components for Spirit	1	$10,000.00	$10,000.00
1.23	Configuration, testing, and preliminary acceptance of all CUSS related components for US Airways	1	$10,000.00	$10,000.00
1.24	Configuration, testing, and preliminary acceptance of all CUSS related components for Westjet	1	$10,000.00	$10,000.00
Configuration, testing, and preliminary acceptance of all DAPP Stage 3 Airlines				
1.25	Configuration, testing, and preliminary acceptance of all DAPP related components for Southwest	1	$10,000.00	$10,000.00

Optional Services Category 1
Exhibit M
Ft. Lauderdale-Hollywood International Airport
Airport Information Management Systems (AIMS)
Optional Services Category 1 Detail *

Category 1	Deliverable/Milestone Description	Units	Unit Cost	Value
1.26	Configuration, testing, and preliminary acceptance of all DAPP related components for Skyservice	1	$10,000.00	$10,000.00
1.27	Configuration, testing, and preliminary acceptance of all DAPP related components for Sunwing	1	$10,000.00	$10,000.00
1.28	Configuration, testing, and preliminary acceptance of all DAPP related components for Westjet	1	$10,000.00	$10,000.00
			Total Optional Services	**$280,000**

*Specific Airlines and Order are Subject to Change

EXHIBIT M

Optional Services

Categories		Limit
1.	**Stage 2/3 DAPP CUSS Airlines** This category covers implementation of additional airlines (not Stage 1) on to the DAPP and CUSS platforms. Twenty-eight additional airlines have been identified that could potentially require either DAPP or CUSS applications as well as their associated integration with the overall AIMS. This component provides the coordination, software and integration required to support these airlines. Pricing is provided on a per airline basis ($10,000 per airline). See attached Category 1 detail.	**$ 280,000**
2.	**Purchase and Installation of Additional DAPP/CUSS Locations** This category covers the hardware, software, millwork, and all other appurtenances including electrical and low voltage cabling, and labor to extend AIMS to selected new areas in the terminal complex. These optional services will be required in the instance(s) where new locations for DAPP and/or CUSS devices are identified. Potential areas for these services include, but are not limited to, new CUSS kiosk locations in the rental car center, additional CUSS kiosks throughout any of the Terminals, and DAPP workstations at gates and/or ticket counters in Terminals 1, 2, or 3.	**$ 250,000**
3.	**Test Lab Infrastructure** This category includes modifications to test lab infrastructure including electrical and low voltage cabling. This optional service will provide any additional data cabling required to connect test lab equipment to the BCAD/AIMS network, and will provide electrical augmentations to support the power requirements of the AIMS equipment to be located in the test lab.	**$ 50,000**
Total	**Maximum Optional Services:**	**$580,000**

Exhibit N

00710. FORM OF PERFORMANCE BOND

BY THIS BOND, We _____, as Principal, hereinafter called Contractor, and _____, as Surety, are bound to the Board of County Commissioners of Broward County, Florida, as Obligee, hereinafter called County, in the amount of _____ Dollars ($_____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a Contract, Bid/Contract No.: _____, awarded the _____ day of _____, 20____, with County which Contract Documents are by reference incorporated herein and made a part hereof, and specifically include provision for liquidated damages, and other damages identified, and for the purposes of this Bond are hereafter referred to as the "Contract";

THE CONDITION OF THIS BOND is that if Contractor:

1) Performs the Contract between Contractor and County for construction of _____, the Contract being made a part of this Bond by reference, at the times and in the manner prescribed in the Contract; and

2) Pays County all losses, liquidated damages, expenses, costs and attorney's fees including appellate proceedings, that County sustains as a result of default by Contractor under the Contract; and

3) Performs the guarantee of all work and materials furnished under the Contract for the time specified in the Contract; then THIS BOND IS VOID, OTHERWISE IT REMAINS IN FULL FORCE AND EFFECT.

Whenever Contractor shall be, and declared by County to be, in default under the Contract, County having performed County obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

FORM OF PERFORMANCE BOND
(Continued)

a) Complete the project in accordance with the terms and conditions of the Contract Documents; or

b) Obtain a bid or bids for completing the project in accordance with the terms and conditions of the Contract Documents, and upon determination by Surety of the lowest responsible Bidder, or, if County elects, upon determination by County and Surety jointly of the lowest responsible Bidder, arrange for a contract between such Bidder and County, and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract price," as used in this paragraph, shall mean the total amount payable by County to Contractor under the Contract and any amendments thereto, less the amount properly paid by County to Contractor.

No right of action shall accrue on this bond to or for the use of any person or corporation other than County named herein.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this Bond.

Signed and sealed this _____ day of _____, 20_____.

FORM OF PERFORMANCE BOND
(Continued)

WITNESSES:

_____
(Name of Corporation)

_____
Secretary

By_____
(Signature and Title)

(CORPORATE SEAL)

_____
(Type Name and Title Signed Above)

IN THE PRESENCE OF:

INSURANCE COMPANY:

_____

By_____
Agent and Attorney-in-Fact

_____

Address: _____
(Street)

_____
(City/State/Zip Code)

Telephone No.: _____

00720. FORM OF PAYMENT BOND

BY THIS BOND, We _____, as Principal, hereinafter called Contractor, and _____, as Surety, are bound to the Board of County Commissioners of Broward County, Florida, as Obligee, hereinafter called County, in the amount of _____ Dollars ($_____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a Contract, Bid/Contract No.: _____, awarded the _____ day of _____, 20____, with County which Contract Documents are by reference incorporated herein and made a part hereof, and specifically include provision for liquidated damages, and other damages identified, and for the purposes of this Bond are hereafter referred to as the "Contract";

THE CONDITION OF THIS BOND is that if Contractor:

1) Pays County all losses, liquidated damages, expenses, costs and attorney's fees including appellate proceedings, that County sustains because of default by Contractor under the Contract; and

2) Promptly makes payments to all claimants as defined by Florida Statute 255.05(1) for all labor, materials and supplies used directly or indirectly by Contractor in the performance of the Contract;

THEN CONTRACTOR'S OBLIGATION SHALL BE VOID; OTHERWISE, IT SHALL REMAIN IN FULL FORCE AND EFFECT SUBJECT, HOWEVER, TO THE FOLLOWING CONDITIONS:

a) A claimant, except a laborer, who is not in privity with Contractor and who has not received payment for its labor, materials, or supplies shall, within forty-five (45) calendar days after beginning to furnish labor, materials, or supplies for the prosecution of the work, furnish to Contractor a notice that he intends to look to the bond for protection.

b) A claimant who is not in privity with Contractor and who has not received payment for its labor, materials, or supplies shall, within ninety (90) calendar days after performance of the labor or after complete delivery of the materials or supplies, deliver to Contractor and to the Surety, written notice of the performance of the labor or delivery of the materials or supplies and of the nonpayment.

FORM OF PAYMENT BOND
(Continued)

c) No action for the labor, materials, or supplies may be instituted against Contractor or the Surety unless the notices stated under the preceding conditions have been given.

d) Any action under this Bond must be instituted in accordance with the Notice and Time Limitations provisions prescribed in Section 255.05(2), Florida Statutes.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect the Surety's obligation under this Bond.

Signed and sealed this _____ day of _____, 20____.

ATTEST:

_____
Secretary

(CORPORATE SEAL)

_____
(Name of Corporation)

By _____
(Signature and Title)

_____
(Type Name and Title Signed Above)

IN THE PRESENCE OF:

_____

_____

INSURANCE COMPANY:

By_____
Agent and Attorney-in-Fact

Address: _____
(Street)

_____
(City/State/Zip Code)

Telephone No.: _____

ATTACHMENT I
NONDISCRIMINATION REQUIREMENTS

I. NONDISCRIMINATION - 49 CFR PART 21 REQUIREMENTS

During the performance of this contract, the Contractor for itself, its personal representatives, assigns and successors in interest (hereinafter referred to collectively as the "Contractor") agrees as follows:

(a) Compliance With Regulations. The Contractor shall comply with the Regulations relative to nondiscrimination in Federally Assisted Programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time (hereinafter referred to as the "Regulations"), which are herein incorporated by reference and made a part of this contract.

(b) Nondiscrimination. The Contractor shall not discriminate on the grounds of race, color, religion, gender, national origin, age, marital status, political affiliation, familial status, physical or mental disability, or sexual orientation in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

(c) Solicitation for Subcontractors, Including Procurement of Materials and Equipment. In all solicitation either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurement of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligation under this Contract and the Regulations relative to nondiscrimination on the grounds of race, color, religion, gender, national origin, age, marital status, political affiliation, familial status, physical or mental disability, or sexual orientation.

(d) Information and Reports. The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County or the Federal Aviation Administration (FAA) to be pertinent to ascertain compliance with such Regulations, orders, and instructions. Where any information required of Contractor is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the County or the FAA, as appropriate, and shall set forth what efforts it has made to obtain the information.

(e) Sanctions for Noncompliance. In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Contract, the County shall impose such Contract sanctions as it or the FAA may determine to be appropriate, including, but not limited to: (1) withholding of payments under the Contract until there is compliance, and/or (2) cancellation, termination, or suspension of the contract, in whole or in part. In the event of cancellation or termination of the Contract(if such contract is a lease), the County shall have the right to re-enter the Premises as if said lease had never been made or issued. These provisions shall not be effective until the procedures of Title 49 CFR Part 21 are followed and completed, including exercise or expiration of appeal rights.

(f) Incorporation of Provisions. The Contractor shall include the provisions of paragraphs (a) through (e), above, in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the County or the FAA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the County to enter into such litigation to protect the interests of the County and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

(g) The Contractor, as a part of the consideration hereof, does hereby covenant and agree that in the event facilities are constructed, maintained, or otherwise operated on the said property described in this contract, for a purpose for which a DOT program or activity is extended or for another purpose involving the provision of similar services or benefits, the Contractor shall maintain and operate such facilities and services in compliance with all other requirements imposed pursuant to 49 CFR Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation, and as said Regulation may be amended.

(h) The Contractor, as a part of the consideration hereof, does hereby covenant and agree that: (1) no person on the grounds of race, color, religion, gender, national origin, age, marital status, political affiliation, familial status, physical or mental disability, or sexual orientation shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under the premises and the furnishing of Services thereon, no person on the grounds of race, color, religion, gender, national origin, age, marital status, political affiliation, familial status, physical or mental disability, or sexual orientation shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, and (3) that the

Contractor shall use the premises in compliance with all other requirements imposed by or pursuant to 49 CFR Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation, and as said Regulations may be amended.

II. NONDISCRIMINATION - 14 CFR PART 152 REQUIREMENTS

During the performance of this contract, the Contractor, for itself, its assignees and successors in interest agrees as follows:

The Contractor agrees to undertake an affirmative action program as required by 14 CFR Part 152, Subpart E, to insure that no person shall on the grounds of race, color, religion, gender, national origin, age, marital status, political affiliation, familial status, physical or mental disability, or sexual orientation be excluded from participation in any employment, contracting, or leasing activities covered in 14 CFR Part 152, Subpart E. The Contractor agrees that no person shall be excluded on these grounds from participating in or receiving the services or benefits of any program or activity covered by this Subpart. The Contractor agrees that it will require its covered suborganizations to provide assurances to the Contractor that they similarly will undertake affirmative action programs and that they will require assurances from their suborganizations as required by 14 CFR Part 152, Subpart E, to the same effect.

The Contractor agrees to comply with any affirmative action plan or steps for equal employment opportunity required by 14 CFR Part 152, Subpart E, as part of the affirmative action program, and by any federal, state, County or local agency or court, including those resulting from a conciliation agreement, a consent decree, court order or similar mechanism. The Contractor agrees that state or County affirmative action plans will be used in lieu of any affirmative action plan or steps required by 14 CFR Part 152, Subpart E, only when they fully meet the standards set forth in 14 CFR 152.409. The Contractor agrees to obtain a similar assurance from its covered organizations, and to cause them to require a similar assurance of their covered suborganizations, as required by 14 CFR Part 152, Subpart E.

If required by 14 CFR Part 152, Contractor shall prepare and keep on file for review by the FAA Office of Civil Rights an affirmative action plan developed in accordance with the standards in Part 152. The Contractor shall similarly require each of its covered suborganizations (if required under Part 152) to prepare and to keep on file for review by the FAA Office of Civil Rights, an affirmative action plan developed in accordance with the standards in Part 152.

If Contractor is not subject to an affirmative action plan, regulatory goals and timetables, or other mechanism providing for short and long-range goals for equal employment opportunity under Part 152, then Contractor shall nevertheless make good faith efforts to recruit and hire minorities and women for its aviation workforce as vacancies occur, by taking any affirmative action steps required by Part 152.

Contractor shall similarly require such affirmative action steps of any of its covered suborganizations, as required under Part 152.

Contractor shall keep on file, for the period set forth in Part 152, reports (other than those submitted to the FAA), records, and affirmative action plans, if applicable, that will enable the FAA Office of Civil Rights to ascertain if there has been and is compliance with this subpart, and Contractor shall require its covered suborganizations to keep similar records as applicable.

Contractor shall, if required by Part 152, annually submit to the County the reports required by Section 152.415 and Contractor shall cause each of its covered suborganizations that are covered by Part 152 to annually submit the reports required by Section 152.415 to the Contractor who shall, in turn, submit same to the County for transmittal to the FAA.

III. NONDISCRIMINATION - GENERAL CIVIL RIGHTS PROVISIONS

The Contractor, for itself, its assignees and successors in interest agrees that it will comply with pertinent statutes, Executive Orders and such rules as are promulgated to assure that no person shall, on the grounds of race, color, religion, gender, national origin, age, marital status, political affiliation, familial status, physical or mental disability, or sexual orientation be excluded from participating in any activity conducted with or benefiting from Federal assistance. This provision obligates the Contractor or its transferee, for the period during which Federal assistance is extended to the airport program, except where Federal assistance is to provide, or is in the form of personal property or real property or interest therein or structures or improvements thereon. In these cases, the Provision obligates the party or any transferee for the longer of the following periods: (a) the period during which the property is used by the sponsor or any transferee for a purpose for which federal assistance is extended, or for another purpose involving the provision of similar services or benefits; or (b) the period during which the airport sponsor or any transferee retains ownership or possession of the property. In the case of contractors, this Provision binds the contractors from the bid solicitation period through the completion of the contract.

IV. NONDISCRIMINATION - 49 CFR PART 26

Contractors shall not discriminate on the basis of race, color, religion, gender, national origin, age, marital status, political affiliation, familial status, physical or mental disability, or sexual orientation in the performance of this contract. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this Contractor such other remedy as the County deems appropriate.

ATTACHMENT II
PROVISIONS PERTAINING TO AIRPORT PROJECTS
ALL AGREEMENTS:

1. **SECURITY**

Airport Security Program and Aviation Regulations. Contractor agrees to observe all security requirements and other requirements of the Federal Aviation Regulations applicable to Contractor, including without limitation, all regulations of the United States Department of Transportation, the Federal Aviation Administration and the Transportation Security Administration, and the Contractor agrees to comply with the County's Airport Security Program and the Air Operations area (AOA) Vehicle Access Program, and any amendments thereto, and to comply with such other rules and regulations as may be reasonably prescribed by the County, and to take such steps as may be necessary or directed by the County to insure that sublessees, employees, invitees and guests observe these requirements. If required by the Aviation Department, Contractor shall conduct background checks of its employees in accordance with applicable Federal Regulations. If as a result of the acts or omissions of Contractor, its sublessees, employees, invitees or guests, the County incurs any fines and/or penalties imposed by any governmental agency, including without limitation, the United States Department of Transportation, the Federal Aviation Administration or the Transportation Security Administration, or any expense in enforcing any federal regulations, including without limitation, airport security regulations, or the rules or regulations of the County, and/or any expense in enforcing the County's Airport Security Program, then Contractor agrees to pay and/or reimburse to County all such costs and expenses, including all costs of administrative proceedings, court costs, and attorneys' fees and all costs incurred by County in enforcing this provision. Contractor further agrees to rectify any security deficiency or other deficiency as may be determined as such by the County or the United States Department of Transportation, Federal Aviation Administration, the Transportation Security Administration, or any other federal agency with jurisdiction. In the event Contractor fails to remedy any such deficiency, the County may do so at the sole cost and expense of Contractor. The County reserves the right to take whatever action is necessary to rectify any security deficiency or other deficiency.

(a) Access to Security Identification Display Areas and Identification Badges.

The Contractor shall be responsible for requesting the Aviation Department to issue identification badges ("SIDA Badges") to all employees who are authorized access to Security Identification Display Areas ("SIDA") on the Airport, as designated in the Airport Security Program. In addition, Contractor shall be

responsible for the immediate reporting of all lost or stolen SIDA Badges and the immediate return of the SIDA Badges of Contractor's personnel transferred from the Airport, or terminated from the employ of the Contractor, or upon termination of this System Agreement. Before a SIDA Badge is issued to an employee, Contractor shall comply with the requirements of applicable federal regulations with regard to employment history, verification and criminal history checks, and shall require that each employee complete the SIDA training program conducted by the Aviation Department. The Contractor shall pay or cause to be paid to the Aviation Department such charges as may be established from time to time for lost or stolen SIDA Badges and those not returned to the Aviation Department in accordance with this section. Recovery of such charges for lost, stolen, or non-returned badges may be assessed through retainage of that portion of final payment due to the contractor. The Aviation Department shall have the right to require the Contractor to conduct background investigations and to furnish certain data on such employees before the issuance of SIDA Badges, which data may include the fingerprinting of employee applicants for such badges.

(b) Operation of Vehicles on the AOA: Before the Contractor shall permit any employee of Contractor or of any subcontractor to operate a motor vehicle of any kind or type on the AOA (and unless escorted by an Aviation Department approved escort), the Contractor shall ensure that all such vehicle operators possess current, valid, and appropriate Florida driver's licenses. In addition, any motor vehicles and equipment of Contractor or of any subcontractor operating on the AOA must have an appropriate vehicle identification permit issued by the Aviation Department, which identification must be displayed as required by the Aviation Department.

(c) Consent to Search/Inspection: The Contractor agrees that its vehicles, cargo, goods and other personal property are subject to being inspected and searched when attempting to enter or leave and while on the AOA. The Contractor further agrees on behalf of itself and its subcontractors, that it shall not authorize any employee or other person to enter the AOA unless and until such employee or other person has executed a written consent-to-search/inspection form acceptable to the Aviation Department. Contractor acknowledges and understands that the foregoing requirements are for the protection of users of the Airport and are intended to reduce incidents of cargo tampering, aircraft sabotage, thefts and other unlawful activities at the Airport. For this reason, Contractor agrees that persons not executing such consent-to-search/inspection form shall not be employed by the Contractor or by any subcontractor at the Airport in any position requiring access to the AOA or allowed entry to the AOA by the Contractor or by any subcontractors.

(d) The provisions hereof shall survive the expiration or any other termination of this System Agreement.

2. PROHIBITED INTERESTS

If this System Agreement is funded by any federal or state grants, then, in that event, no member, officer, or employee of County during his or her tenure or for two (2) years thereafter shall have any interest, direct or indirect, in this System Agreement or the proceeds thereof.

Contractor agrees to insert the foregoing sentence in any agreements between Contractor or subcontractors engaged to provide Services pursuant to this System Agreement.

If any such present or former member, officer, or employee has such an interest and if such interest as set forth above is immediately disclosed to the County, the County with prior approval of the funding agency, may waive the prohibition contained in this subsection; provided that any such present member, officer, or employee shall not participate in any action by the County relating to such System Agreement.

3. RECORDS

Contractor shall keep such books, records and accounts and require any and all consultants/contractors or subcontractors to keep such books, records and accounts as may be necessary in order to record complete and correct entries as to personnel hours charged to the project and any expenses for which Contractor expects to be reimbursed. In addition, to the above, the Contractor shall maintain an acceptable cost accounting system. All work, materials, payrolls, books, accounts, documents, and records relative to the project, or directly pertinent to the specific contract for the purposes of making an audit, examination, excerpt or transcription shall be available at all reasonable times for examination and audit by County, and in the event such System Agreement is subject to federal or state funding or grants, by the Federal Aviation Administration, the Comptroller General of the United States, the Florida Department of Transportation, or any of their duly authorized representatives. Such books, records and accounts shall be kept for the "Retention Period" (as hereinafter defined). Incomplete or incorrect entries in such books, records or accounts shall be grounds for County's disallowance of any fees or expenses based upon such entries. All books, records and accounts which are considered public records shall, pursuant to Chapter 119, Florida Statutes, be kept by Contractor in accordance with such statutes. The "Retention Period" shall be defined as the greater of: (i) the required retention period of the Florida Public Records Act (Chapter 119, Fla. Stat.), if applicable, or (ii) for a period of three (3) years after final payment and the completion of all work to be performed pursuant to this System Agreement, or if any audit has been initiated and audit findings have not been resolved at the end of the three years, the books and records shall be retained until resolution of the audit findings, or (iii) if this project is subject to Florida Department of Transportation grants, for a period of five (5) years after final payment and the completion of all work to be performed

pursuant to this System Agreement, or if any audit has been initiated and audit findings have not been resolved at the end of the five years, the books and records shall be retained until resolution of the audit findings.

4. PROTECTION OF RECORDS

Contractor shall protect from harm and damage all data, drawings, specifications, designs, models, photographs, reports, surveys and other data created or provided in connection with this System Agreement (collectively, "County Property"), while such data and materials are in consultant's/contractor's possession. Such duty may include, but is not limited to, making back-up copies of all data stored by electronic device on any media, taking reasonable actions to prevent damage by impending flood or storm (including, but not limited to, removing the County Property to a safe location), and establishing and enforcing such security measures as are reasonably available, considering the customary practice within consultant's/contractor's trade or profession. If requested by County, Contractor shall furnish to County copies of any and all disks containing drawings and other pertinent data prepared by consultant/ contractor in conjunction with this System Agreement.

5. BREACH OF CONTRACT TERMS - SANCTIONS

Any violation or breach of the terms of this Contract on the part of the Contractor or subcontractor may result in the suspension or termination of this Contractor such other action which may be necessary to enforce the rights of the parties of this agreement.

6. RIGHT TO INVENTIONS

All rights to inventions and materials generated under this Contract are subject to regulations issued by the FAA and the County. Information regarding these rights is available from the FAA and the County.

7. TRADE RESTRICTION CLAUSES TO BE INCLUDED IN ALL SOLICITATIONS, CONTRACTS, AND SUBCONTRACTS

The Contractor or subcontractor, by submission of an offer and/or execution of a contract, certifies that it:

a. Is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR); and

b. Has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or

is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list; and

c. Has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

Unless the restrictions of this clause are waived by Secretary of Transportation in accordance with 49 CFR 30.17, no contract shall be awarded to a contractor or subcontractor who is unable to certify to the above. If the Contractor knowingly procures or subcontracts for the supply of any product or service of a foreign country on said list for use on the project, the Federal Aviation Administration may direct through the County cancellation of the Contract at no cost to the Government.

Further, the Contractor agrees that, if awarded a Contract resulting from this solicitation, it will incorporate this provision for certification without modification in each Contract and in all lower tier subcontracts. The consultant/ contractor may rely on the certification of a prospective subcontractor unless it has knowledge that the certification is erroneous.

The Contractor shall provide immediate written notice to the County if the Contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The subcontractor agrees to provide written notice to the Contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

This certification is a material representation of fact upon which reliance was placed when making the award. If it is later determined that the consultant/ contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation administration may direct through the County cancellation of the Contractor subcontract for default at no cost to the Government.

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a Contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.

8. **TERMINATION OF CONTRACT (ALL CONTRACTS IN EXCESS OF $10,000)**

a. The County may, by written notice, terminate this Contract in whole or in part at any time, either for the County's convenience or because of failure to fulfill the Contract obligations. Upon receipt of such notice, Services shall be immediately discontinued (unless the notice directs otherwise) and all materials as may have been accumulated in performing this contract, whether completed or in process, delivered to the County.

b. If the termination is for the convenience of the County, an equitable adjustment in the Contract price shall be made, but no amount shall be allowed for anticipated profit on unperformed Services.

c. If the termination is due to failure to fulfill the consultant's/contractor's obligations, the County may take over the work and prosecute the same to completion by Contract or otherwise. In such case, the consultant/ contractor shall be liable to the County for any additional cost occasioned to the County thereby.

d. If, after notice of termination for failure to fulfill Contract obligations, it is determined that the Contractor had not so failed, the termination shall be deemed to have been effected for the convenience of the County. In such event, adjustment in the Contract price shall be made as provided in paragraph b of this clause.

e. The rights and remedies of the County provided in this clause are in addition to any other rights and remedies provided by law or under this contract.

9. **SUSPENSION AND DEBARMENT REQUIREMENTS FOR ALL CONTRACTS OVER $25,000 (AND FOR ALL CONTRACTS FOR AUDITING SERVICES REGARDLESS OF THE AMOUNT)**

The Contractor certifies, by submission of this proposal or acceptance of this contract, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees by submitting this proposal that it will include this clause without modification in all lower tier transactions, solicitations, proposals, contracts, and subcontracts. Where the Contractor or any lower tier participant is unable to certify to this statement, it shall attach an explanation to this solicitation/proposal.

10. **RESTRICTIONS ON LOBBYING**

The Contractor agrees that no federal appropriated funds have been paid or will be paid by or on behalf of the Contractor, to any person for influencing or attempting to influence any officer or employees of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any federal contract, grant, loan or cooperative agreement.

If any funds other than federal appropriated funds have been paid by the Contractor to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this System Agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Contractor agrees to insert the foregoing provisions in any agreements between Contractor or subcontractors engaged to provide Services pursuant to this System Agreement and all contractors and subcontractors shall certify and disclose accordingly.

11. **PROMPT PAYMENT - FOR FEDERALLY ASSISTED CONTRACTS**

If the System Agreement is funded by any federal grants, then Contractor hereby agrees to pay its subcontractors and suppliers within ten (10) calendar days following receipt of payment from the County. Contractor further agrees, if Contractor has withheld retainage from its subcontractors, to release such retainage and pay same within ten (10) calendar days following receipt of payment of retained amounts from the County, or within ten (10) calendar days after a subcontractor has satisfactorily completed its work, whichever shall first occur. This clause applies to both DBE and non-DBE subcontractors.

A finding of non-payment is a material breach of this contract. County may, at its option, increase allowable retainage or withhold progress payments unless and until the Contractor demonstrates timely payments of sums due subcontractor. The presence of a "pay when paid" provision in a Contract shall not preclude County inquiry into allegations of non-payment. Further that the remedies above shall not be employed when the Contractor demonstrates that failure to pay results from a bonafide dispute with its subcontractor or supplier. The Contractor shall incorporate this provision into all subcontracts involving federally assisted contracts.

The Assistant Disadvantaged Business Enterprise Liaison Officer will conduct meetings with parties involved in prompt payment disputes to facilitate an amicable resolution

CONSULTANT'S AGREEMENTS THAT INCLUDE CONSTRUCTION MANAGEMENT

Contractor shall provide to County an Engineer's Design Report, together with plans and specifications.

AGREEMENTS FOR CONSTRUCTION

1. CONSTRUCTION MANAGEMENT PLAN

Contractor shall provide to County a Construction Management Plan which shall include a Quality Assurance Report.

2. VETERAN'S PREFERENCE (ALL CONSTRUCTION CONTRACTS)

In the employment of labor (except in executive, administrative, and supervisory positions), preference shall be given to veterans of the Vietnam-era and disabled veterans. However, this preference may be given only where the individuals are available and qualified to perform the work to which the employment relates.

3. CLEAN AIR AND WATER POLLUTION CONTROL REQUIREMENTS FOR ALL CONSTRUCTION CONTRACTS AND SUBCONTRACTS EXCEEDING $100,000

Contractors and subcontractors agree:

a. That any facility to be used in the performance of the Contract or subcontract or to benefit from the Contract is not listed on the Environmental Protection Agency (EPA) List of Violating Facilities;

b. To comply with all the requirements of Section 114 of the Clean Air Act, as amended, 42 USC 1857 et seq. and Section 308 of the Federal Water Pollution Control Act, as amended, 33 USC 1251 et seq. relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in Section 114 and Section 308 of the Acts, respectively, and all other regulations and guidelines issued thereunder;

c. That, as a condition for the award of this contract, the contractor or subcontractor will notify the awarding official of the receipt of any communication from the EPA indicating that a facility to be used for the performance of or benefit from the Contract is under consideration to be listed on the EPA List of Violating Facilities;

d. To include or cause to be included in any construction Contract or subcontract which exceeds $100,000 the aforementioned criteria and requirements.

ATTACHMENT III
OFFSHORE STATEMENT

The Contractor (Air-Transport IT Services, Inc.) is a wholly owned subsidiary of Fraport AG, Frankfurt Airport Services Worldwide, located at 60547 Frankfurt am Main, Germany.