

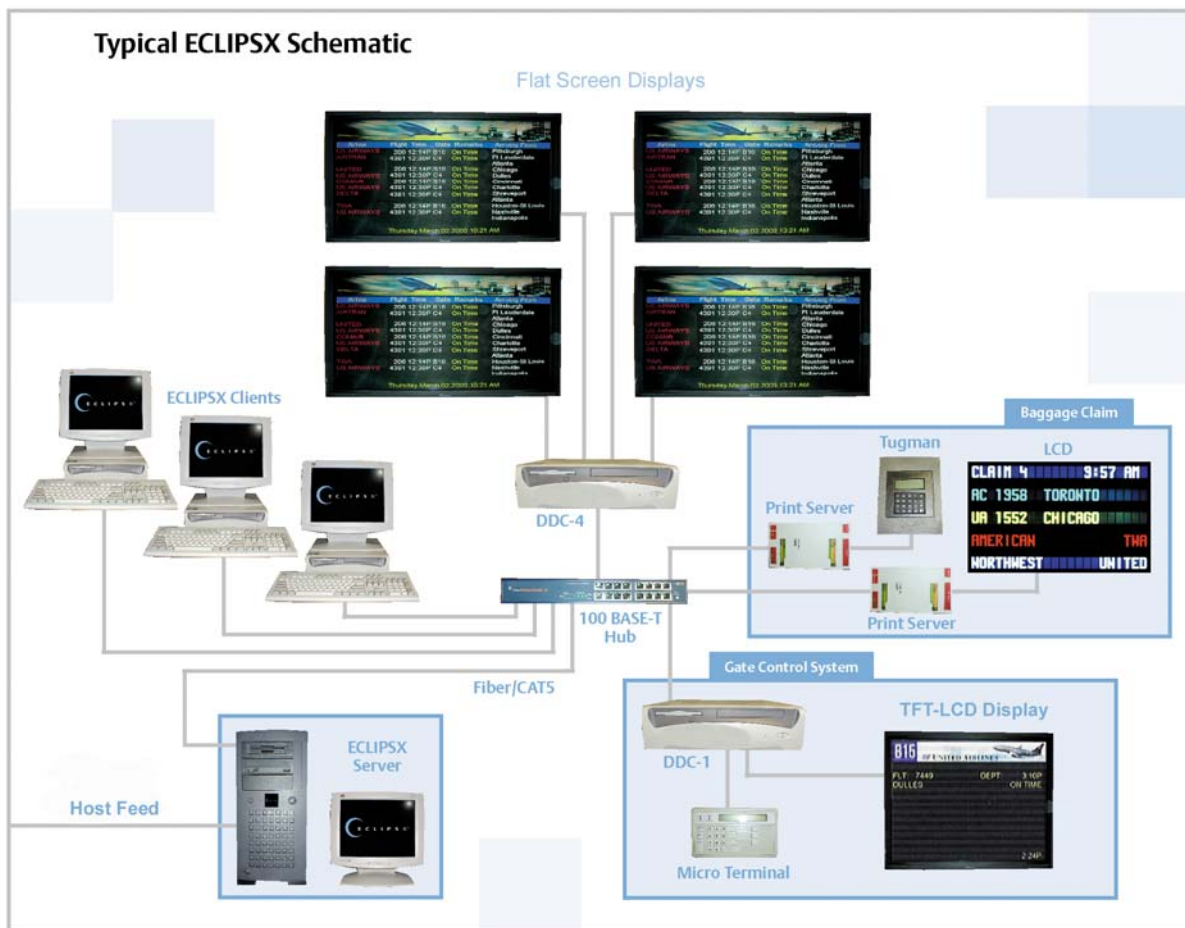
## Flight Information Display System

### ECLIPSX Schematic and Specifications

#### ECLIPSX Encompasses

- FIDS (Flight Information Display System)
- MUFIDS (Multi-User Flight Information Display System)
- BIDS (Baggage Information Display System)
- GIDS (Gate Information Display System)
- RIDS (Ramp Information Display System)

One or more of these capabilities can be a part of your total ECLIPSX System



# ECLIPSX SPECIFICATIONS

## ECLIPSX Software Specifications

## ECLIPSX Hardware Specifications

<b>Operating System</b>	<ul style="list-style-type: none"> <li>Microsoft Windows 2000 Server, Windows 2000 Advanced Server or Windows 2003 Server</li> <li>Microsoft Windows 2000 Professional or Windows XP Professional</li> <li>Microsoft Internet Explorer 6 or greater (browser)</li> </ul>
<b>Database Management Application</b>	Microsoft SQL Server 2000, Oracle9i or greater
<b>Development Tools</b>	Microsoft Visual Studio
<b>Output Display Architecture &amp; Formatting</b>	<ul style="list-style-type: none"> <li>Web-based architecture: XML/XSL-based portable data transformation and transfer, using HTML/DHTML page rendering</li> </ul>
<b>Network Design</b>	<ul style="list-style-type: none"> <li>100/1000 BASE-T Ethernet with TCP/IP address for each display device</li> <li>Application Service Provider (ASP)/Remote hosting option</li> </ul>
<b>System Capability Management</b>	SNMPv2-compliant hardware and application level support via HP OpenView or WhatsUp Gold
<b>Product Segments</b>	<ul style="list-style-type: none"> <li>Airport Multi-User Flight Information Display System (MUFIDS)</li> <li>Airline Flight Information Display System (FIDS)</li> <li>Baggage Information Display System (BIDS)</li> <li>Gate Information Display System (GIDS)</li> <li>Ramp Information Display System (RIDS)</li> </ul>
<b>Application Members</b>	<ul style="list-style-type: none"> <li>ECLIPSX-Display Manager <ul style="list-style-type: none"> <li>Server application, Browser-based client application (main and daily schedules)</li> </ul> </li> <li>ECLIPSX-View – DDC Viewer</li> <li>ECLIPSX-Design – Page Design Tool</li> <li>ECLIPSX-Connect – Bi-directional Interface capabilities via MSMQ</li> <li>ECLIPSX-Report – Standard reports and report generator</li> <li>ECLIPSX-Ad – Advertising scheduling and tracking</li> </ul>
	<ul style="list-style-type: none"> <li>ECLIPSX-Web – Turnkey Web site</li> <li>ECLIPSX-Announce – Provides security, check-in counter, and emergency messaging</li> <li>ECLIPSX-Message – Internal instant messaging</li> <li>ECLIPSX-Monitor – Monitors the health of the system hardware and software</li> <li>ECLIPSX-2Web – Integration with existing Web site</li> <li>ECLIPSX-Failover – Customized failover management when used with dual servers</li> <li>ECLIPSX-Wireless – Wireless communication</li> </ul>
<b>Software Installation &amp; Support</b>	ECLIPSX-Response <ul style="list-style-type: none"> <li>Project management, system installation, and training</li> <li>24x7 Help Desk support</li> <li>Dial-in software support</li> </ul>

<b>Server</b>	Dell PowerEdge series or other approved Windows 2000 or 2003 certified server
<b>Clustering</b>	<ul style="list-style-type: none"> <li>Multiple Servers</li> <li>Hot backup/auto-failover</li> </ul>
<b>Client</b>	Dell OptiPlex series with Windows 2000 Professional or Windows XP Professional, or other approved Windows 2000-certified computer
<b>Digital Display Controller (DDC)</b>	Dell OptiPlex series with Windows 2000 Professional or other approved Windows 2000-certified computer
<b>Wireless Devices</b>	<ul style="list-style-type: none"> <li>WAP/WML device; e.g., cell phone</li> <li>Palm OS through wireless modem</li> <li>MS Windows CE Personal Digital Assistant (PDA); e.g., Compaq iPaq</li> </ul>
<b>Input Devices</b>	<ul style="list-style-type: none"> <li>Gate input micro-terminals <ul style="list-style-type: none"> <li>Burr Brown</li> <li>Two Technologies</li> </ul> </li> <li>Baggage input: Com-Net Tugman</li> <li>Internal page selection keypad</li> </ul>
<b>Displays</b>	<ul style="list-style-type: none"> <li>CRT Monitors: <ul style="list-style-type: none"> <li>Monivision</li> <li>Eternal Graphics</li> <li>Philips</li> <li>Other approved products</li> </ul> </li> <li>TFT-LCD (Thin Film Transfer Liquid Crystal Displays): <ul style="list-style-type: none"> <li>NEC -- Philips</li> <li>Sharp</li> </ul> </li> <li>Plasma Displays: <ul style="list-style-type: none"> <li>NEC</li> <li>Pioneer</li> <li>Fujitsu</li> </ul> </li> <li>LCD rear-projection display <ul style="list-style-type: none"> <li>Clarity</li> <li>Toshiba</li> </ul> </li> <li>Signature Electronic Systems LEDs and LCDs</li> <li>AMS LEDS</li> <li>Trans-lux</li> </ul>
<b>Hardware Installation &amp; Support</b>	ECLIPSX-Response: <ul style="list-style-type: none"> <li>Project management, system installation, and training</li> <li>24x7 Help Desk support</li> </ul>
<b>System Performance</b>	<ul style="list-style-type: none"> <li>Public monitors, flat screen displays, signage, and external systems: 15 second updates</li> <li>Gate &amp; baggage claim monitors, flat screen displays, signage, and client workstations: 3 second updates</li> </ul>