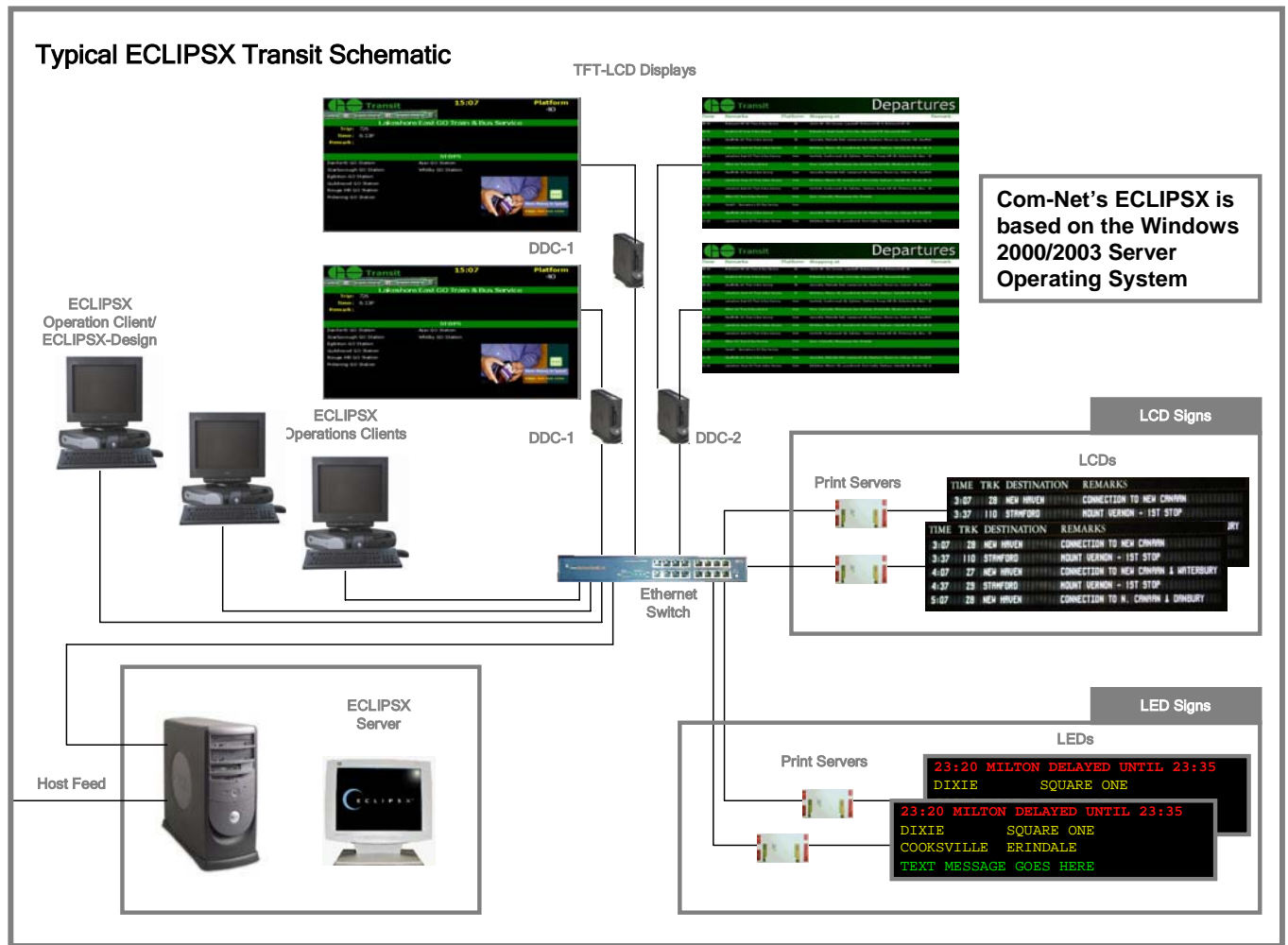


Transit Information Display System

ECLIPSX Schematic and Specifications



ECLIPSE SPECIFICATIONS

ECLIPSE Software Specifications

ECLIPSE Hardware Specifications

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

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