



CORNET SWITCHING SYSTEMS

IntelView



IntelView is a management platform designed to collect, transmit, route, share, display and manage communication systems for a variety of applications. It combines high functionality with user friendly applications and operations. The software supports a variety of Cornet Switching Systems devices (MTXL, MACX, TVCS, TVCS InterConnect, IPGate, ClearWave, etc.). IntelView excels in scenarios with multiple network interconnections and server configurations. The modular architecture facilitates system customization to address individual requirements.

The IntelView client-server architecture is platform independent and runs on any operating system. The software will support up to twenty-four (24) Remote Sites or Operation Centers (OC). It can accommodate twenty-five (25) users per server. IntelView runs with a standard set of modules and services including Switch Management, User Management, and Alarm Monitoring and Management. Its modular platform allows the users to add capabilities as needed.

IntelView masks the complexity of networking through the use of a user-friendly, point-and-click Java-based Graphic User Interface (GUI). Dual monitor support with multi-screen display on the desktop, allows the operator to control and monitor events for multiple switches. The software uses a tree structure, located to the left of the screen, and allows the user to quickly find functions and devices.

Features

- Dual Screen views
- Drag and drop connections
- Display of all connections and alarm conditions
- Screen or mouse scroll
- Mouse roll overs
- Supports multiple operating systems: Windows®, Solaris®, LINUX
- User definable alarm thresholds for detecting power levels

Functions

- Control and monitoring of switch, port connections, and switch status and alarms
- Port connections through drag and release technology

Management

ClearWave 8000m is easily managed through its graphical user interface or an SNMP manager. The GUI allows you to effortlessly track what's connected where, at what optical power and for how long.

ClearWave 8000m's graphical user interface supports:

- Flexible port and connection management
- Configurable user access
- Configurable optical power alarm triggers
- Configurable connection patterns
- Secure multiple system management

Typically, ClearWave 8000m is managed using Cornet Switching Systems's Element Management System (EMS) IntelView™.

Specifications

OPTICAL

Switching Time:	25 milliseconds maximum
PDL:	<0.1 dB
Static Cross Talk:	<-50 dB
Insertion Loss:	Typical 1.0 dB, Maximum 2.0 dB*
Return Loss:	Typically better than 50 dB
Loss Repeatability:	±0.1 dB
Switching Lifetime:	>108 cycles
Maximum Optical Input Power:	+27 dBm
Operating Wavelength Range:	1260 - 1675 nm

INTERFACES

Optical Connections:	Options offered for LC, SC and E-2000
Electrical Connections:	RJ-45 Ethernet ports for management and control
Management Protocols:	TLI, SCPI, SNMP, HTML

ENVIRONMENTAL

Temperature:	
Operating:	+10° C to +40° C (50° F to +104° F)
Non-operating:	-40° C to +70° C (-40° F to +158° F)
Humidity:	
Operating:	<85% RH, non-condensing
Non-operating:	<40% RH, non-condensing

POWER

Input Power:	DC Input: -48VDC or AC Input: 100-240 VAC 50/60 Hz
Power Supply:	Dual redundant, hot swappable
Power Dissipation:	75 watts

MECHANICAL

Dimensions:	LC: 6 RU H x 22" D x 19" W (192x192)
-------------	--------------------------------------

REGULATORY COMPLIANCE

Safety:	UL 60950, EN 60950-1
EMI/EMC:	FCC part 15, Class A, EN 55022, Class A

* Measured using the 3 patch-cord method as defined in ANSI/TIA/EIA-526-7-1998