

TrueNet® Intelligent Patching

Active Hardware and Software



TrueNet® Intelligent Patching combines our leading connectivity technology with Intelligent Physical Layer Management providing complete end-to-end, real time control and management of Enterprise Copper and Fiber Networks.

Supplied through ADC's fully trained and approved TrueNet Value Added Resellers, the TrueNet Intelligent Patching solution comes with the TrueNet warranty, featuring an additional zero bit error warranty offering you complete peace of mind.

The active hardware is configured in a hierarchical layout and is the interface between the Intelligent Patch Panels, providing the management software with all relevant data to scan connectivity changes within the physical layer.

The TrueNet Intelligent Patching Master is always at the apex of the hierarchy, connecting with Expanders and Scanners. In addition, the Master also includes the SNMP agent to gather data on all IP devices connected to the network.

Rack Indicators and Indicator Controllers are used to identify racks in larger communication rooms, to assist with the work order process or any other maintenance operations.

Features:

- Location based service provisioning and deployment
- Real time asset tracking and reporting
- Event monitoring, vulnerability assessments and reporting in-line with legislative requirements
- Complete physical layer monitoring

Benefits:

- Error free, centrally managed moves, adds and changes.
- 100% asset utilization, scan and reclaim available capacity on or off site.
- Detection and alerts to any authorized or unauthorized event across the network.
- Connection based security across the entire physical layer.

SPEC SHEET



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Active Hardware

Specifications (Excludes 6527 1 736-00)

MECHANICAL

Panel Rack Mounting:	1U 19" (IEC 60297)
Panel Dimensions:	44 mm x 483 mm x 160 mm deep
Weight:	2.0Kg (4.4lbs)

INTERFACES

UP/DOWN LINKS:	Standard RS-485, Full – duplex connector shielded RJ-45 socket Data rate up to 115.2 Kbps
100Base TX:	RJ-45 socket, Ethernet IEEE 802.3, 100 100Base Tx/10Base T, 100/10 Mbps industry standard for connection to local area network.
Serial:	RS-232 Connector 9-pin D-type male Data rate up to 115.2 Kbps Protocol UART, Start bit 1, Stop bit 1, Nonparity
Control Pad:	Connector RJ-45 socket, 8 pins
Patch Panel Connections:	Connectors 6 or 12 headers, 26-pin, 100mm spacing

LED INDICATORS (WHERE USED)

PWR:	On when scanner is powered
CPU:	Blinking to indicate master heartbeat
DOWN LINKYELLOW:	On during transmission of each of the DOWN LINK ports
DOWN LINKGREEN:	On during reception of each of the DOWN LINK ports
100Base Tx – Rx:	On during reception from local area network
100Base Tx – Tx:	On during transmission to local area network
100Base Tx LINK:	On when link is active

ENVIRONMENTAL & SAFETY

Operating temperature range:	0° C - +50° C
Operating humidity range:	≤ 90% RH non-condensing
Safety:	UL 60950, EN 60950
EMC:	EN 55022, FCC part 15 Class A, EN 55024
Power:	100 – 240 VAC, 47 – 63 Hz, 30 W maximum

Ordering Information

Description	Catalog Number*
Intelligent Patching Scanner	6527 1 730-00
Intelligent Patching Master 4 Ports	6527 1 733-00
Intelligent Patching Master Expander	6527 1 732-00
Intelligent Patching Expander	6527 1 734-00
Intelligent Patching Indicator Controller	6527 1 735-00
Intelligent Patching Control Pad	6527 1 736-00
Intelligent Patching Mini Scanner	6527 1 739-00
Intelligent Patching Network Scanner	6527 1 741-00
Intelligent Patching Rack Indicator	6527 1 737-00
Intelligent Patching Scanner Attachment Cord Copper UTP	6527 1 750-XX
Intelligent Patching Scanner Attachment Cord Fiber	6527 1 751-XX

*Replace XX with: 1.5 m = 51, 2.5 m = 52, 6 m = 06, 12 m = 12

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TrueNet® Intelligent Patching Software

The TrueNet Intelligent Patching Software forms the user interface and is accessed by System Administrators and Network Technicians via the web. The system automatically provides complete link information in a graphical format, providing full end-to-end visibility, automatically updating in real time as changes occur.

TrueNet Intelligent Patching drastically speeds and simplifies daily network provisioning, maintenance and security providing Network Managers with full visibility and control of the network and its assets.



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Features

- Automatic discovery of any IP device on the network
- Accurate monitoring and logging of any connectivity based event across multiple sites
- Highly customizable events and alarms with the ability to specify who receives alerts for different events
- Includes a work order tool for scheduling moves, adds and changes using a streamlined process
- Immediate identification of physical layer related failures results in reduced downtime and repair times
- Identifies unused network assets ensuring 100% utilization
- Continual monitoring for illegal connections, disconnections or tampering for increased network security
- Remote maintenance and troubleshooting saves time and costs
- Powerful reporting tools give asset tracking and event log monitoring information for legislation such as Sarbanes Oxley, ISO/EN 20000 etc.
- Optional modules available to integrate Intelligent Patching into other applications (OpenView, Tivoli etc.)
- Optional CAD module generates full 2D architectural views of the geographical location of each asset in the entire network

System Requirements

TrueNet Intelligent Patching software must be installed on a machine that serves as a dedicated server. The following are the minimum hardware and software requirements for the Intelligent Patching Server and Client PCs:

SERVER REQUIREMENTS

MINIMUM HARDWARE:

Pentium Processor running at least 800 MHz+
1000MB+ RAM
20 GB Hard disk space

RECOMMENDED HARDWARE:

Dual Pentium 4 Processor running at 2600 MHz+
1024MB RAM (or more)
40GB+ Hard disk space

SOFTWARE:

Windows 2000 family (Windows 2003 Server Family recommended)
(Microsoft Internet Explorer 6 recommended)
Microsoft SQL 2000 (Standard/Enterprise edition recommended)
IIS 5 (or higher)
MSMQ – Microsoft Message Queuing System

CLIENT MINIMUM REQUIREMENTS – SOFTWARE:

Any Microsoft based system (Win 95, 98, ME, NT, 2000, XP etc.)
Microsoft Internet Explorer 5.5 with Service Pack 1 (with signed ActiveX and cookie support)

Ordering Information

Description	Catalog Number
Basic Software	
Intelligent Patching Management Software – 1,000 ports	6527 1 752-01
Intelligent Patching Management Software – 2,000 ports	6527 1 752-02
Intelligent Patching Management Software – 5,000 ports	6527 1 752-05
Intelligent Patching Management Software – 10,000 ports	6527 1 752-10
Intelligent Patching Management Software – 20,000 ports	6527 1 752-20
Intelligent Patching Management Software – 30,000 ports	6527 1 752-30
Additional Modules	
PBX Module	6527 1 753-00
CAD Module (Without MapGuide)*	6527 1 754-00
CA Unicenter Module	6527 1 755-00
HP OpenView NNM Module	6527 1 756-00
Additional Licenses (XX – no of licenses in '000s)	6527 1 757-XX

* CAD module requires Autodesk MapGuide®

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