



Remote Access Server

Patton 2977 Scalable RAS & Fax Concentrator

The Patton Model 2977 Server-Based Remote Access Server provides 24 to 60 ports each supporting V.90, FAX, and ISDN connections for data collection, Modem Pooling, and Remote Access.

Up to 60 ports in a Single PCI Slot

24, 30, 48, or 60 ports with full V.90, FAX, and ISDN support

Scalable System Architecture

Unlimited number of Model 2977 servers can be installed in the same system, providing room to grow

Open Systems Integration

Open standards-based design makes deploying your software solutions fast and simple

Web-Based Management

Hardware manager provides a variety of reporting, diagnostic, and troubleshooting tools

Wide OS and third-party application support

The Model 2977 DialFire RAS integrates with, and take advantage of, the inherent communications capabilities built-into Microsoft, Novell, SCO, and Linux server operating environments

Universal server compliance

The Model 2977 Digital Domain RAS operates within the PCI 2.1 mechanical and electrical specifications, support 3.3 or 5-volt PCI servers, and share common software architecture

The Patton Model 2977 series of ISDN/analog adapters provides support for up to 60 ports in a single PCI slot, and is the ideal choice for a broad range of demanding applications, including remote access, fax, data collection and modem pooling.

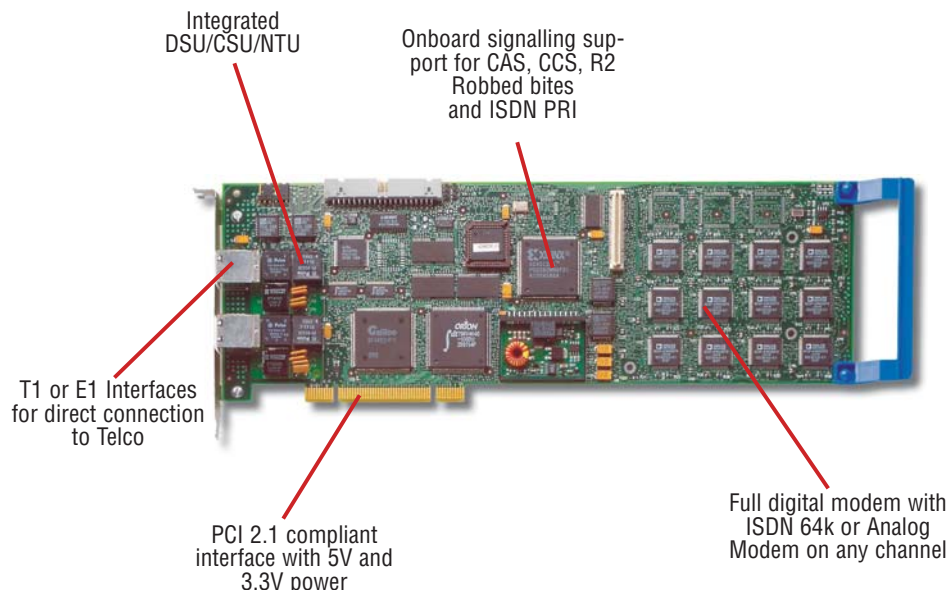
The open standards-based design of the Model 2977 facilitates the fast and simple deployment of your software solutions. The software-upgradeable modem technology of the Model 2977 boards utilize high-performance digital signal processors (DSPs), and provide advanced V.90 modem, FAX, and ISDN support. Each data channel operates totally independent and configures itself dynamically for the service type needed, whether the incoming/outgoing call is based on an analog or a digital connection.

The flexible design of the Model 2977 allows it to grow with your application requirements. An unlimited number of Model 2977 units can reside in the same system, thereby providing the exact port density and functionality that is needed. In addition, a daughter board is available as a field-upgrade option, that can expand the Model 2977/24 to 48 ports and the Model 2977/30 to 60 ports.

Easy installation, configuration, and operation are key factors for successful deployment. Patton supports your needs with a variety of diagnostic and troubleshooting tools, including the Web-based hardware management and reporting tool. Need additional details? Visit us at www.patton.com.

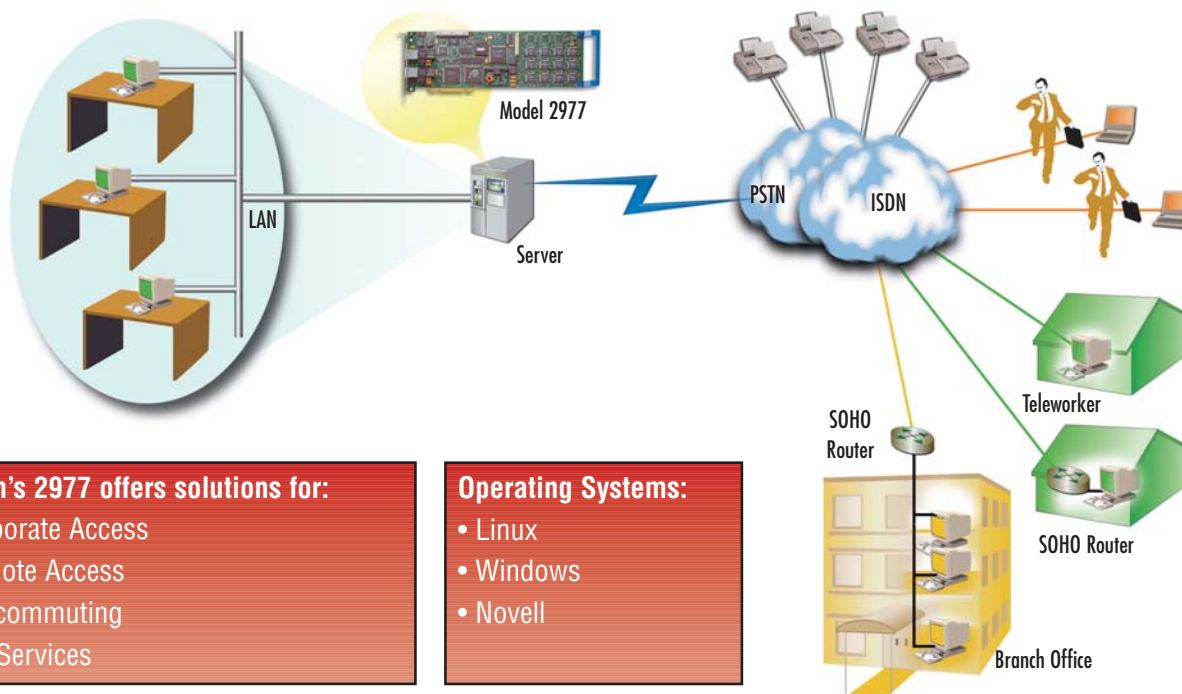


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Applications

Many Company's today rely on faxes to communicate with their customers. From hospitals to distribution companies, having the ability to send faxes simultaneously is a must. With Patton's 2977 DialFire RAS, setting up a fax server is easier than ever. For companies with large faxing requirements, the 2977 RAS adapters for digital & analog communications combine Patton's world-class hardware with high-speed ISDN access to provide up to 60 simultaneous connections.



Patton's 2977 offers solutions for:

- Corporate Access
- Remote Access
- Telecommuting
- Fax Services

Operating Systems:

- Linux
- Windows
- Novell

Specifications*

	Model 2977/24	Model 2977/30	Model 2977/48	Model 2977/60
Number of Ports	24	30	48	60
Number of WAN Ports	Up to two T1/ISDN PRI ports	Up to two E1/ISDN PRI ports	Up to two T1/ISDN PRI ports	Up to two E1/ISDN PRI ports
Modem Data Modes	K56flex, V.90, V.34, V.34 bis, V.32 bis, V.32, V.24 bis, V.23, V.22 bis, V.22, V.21, Bell 212a, Bell 103, TIA TSB37-A, TIA TSB38			
Fax Modes	Group 3, V.17, V.29, V.27 ter, V.21 channel 2			
Compression and Error Correction	V.42 bis, MNP Class 2, MNP Class 4, MNP Class 5, V.42 EC			
Misc. Modem Standards Compatibility	ITU G.711 μ -Law/A-Law Companding and Expanding, DTMF generation and detection, Caller ID and Call Progress			
Fax Command Set Standards	Group 3 FAX Class 2, Group 3 FAX Class 2.0			
FAX Compression Formats	All optional Class 2.0 data format conversions are supported including: Normal Image, Fine Image, 1D Image Conversion, 2D—MR Image Conversion, 2D—MMR Image Conversion			
Fax Usability Features	Copy Quality Checking and Receive Quality Thresholds, Error Correction Mode (ECM), Adaptive Answering, TSI Banner, Distinctive Ring-Ring, DID Routing			
T1 Supervision Modes	Ground Start Signaling, Wink Start Signaling, Immediate Start Signaling, Loop Start Signaling			
E1 Supervision Modes	CCS with CRC4 ITU G.704, CAS with CRC4 ITU G.704, CRCA with Remote End Block Error Signaling, R2 Signaling			
Primary T1/E1 Rate Interface	D-Channel Signaling: ISDN data link layer ITU-T Q.921, ISDN call control signaling ITU-T Q.932/I.451			
Regulatory Approvals	FCC Part 15, Subpart B, Class B • CSA C108.8-M83, Class B • Immunity: EN 50082-2 • UL Recognized, UL 1950 • FCC Part 68			
Operating Systems	Microsoft Windows XP • Microsoft Windows 2000 • Microsoft Windows NT 4.0 • Sun Solaris 2.6, 7 & 8 • Novell NetWare 4.2 • Novell NetWare 5.x • SCO UnixWare 7 & 2.x • SCO OpenServer 5 (Most drivers ship with product on CD-ROM. Drivers and driver updates also available on our web-site at www.patton.com/drivers .)			
Power Requirements	2977/24—2.56 A at 5.0 V typical; 2977/30—2.77 A at 5.0 V typical; 2977/48—3.51 A at 5.0 V typical; 2977/60—3.94 A at 5.0 V typical			
Dimensions	Length: 12.283 inches (31.199 cm); Width: 4.200 inches (10.668 cm)			
Environmental	Ambient temperature: 32–122°F (0–50°C); Relative humidity: 5–90%, non-condensing			

* Specifications subject to change without notice.

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