



Patton's Network Access Unit Combines IP, PABX & Frame Relay Support with Dial-up Access Capabilities

Model 2784 NAU Gives ILECs, CLECs and ISPs a "One Box" CPE Solution for Delivery of Managed Services to Corporate Customers

GAITHERSBURG, Maryland, USA, March 18, 1999 -- Patton Electronics Company has announced a Network Access Unit (NAU) that combines the capabilities of a T1/E1 CSU/DSU, FRAD, PABX interface, multiplexer and LAN interface into a single 1U-high box. The NetLink Model 2784 allows carriers to place a single box at the customer premise that facilitates delivery of a range of managed services over a T1 or E1 circuit, including local and long distance transport for voice and data, Internet access, network management and equipment maintenance.

"With the Patton Model 2784, carriers can provide corporate customers with a custom-tailored mix of managed services that covers a broad range of business requirements," says Beth Gage, Director at TeleChoice, Inc., a business and market strategy consulting firm. "Carriers can use the Model 2784 to support corporate customers' dial-up data networks for telecommuters, SOHOs and Internet Access."

According to John Hudak, V.P. of Carrier Sales with Patton Electronics, the Model 2784 brings a unique combination of capabilities to the Integrated Access Device (IAD) market. "The Model 2784 separates itself from the general IAD market by delivering a RAS [Remote Access Server] capability, in addition to providing a method for consolidating PBX, Internet, Extranet, Corporate Intranet, Frame Relay and PPP—all across a single T1/E1/PRI."

"The benefits of our Model 2784 NAU are relevant to both small/medium businesses and large corporations," says Hudak. "Because our small/medium business customers are actively searching for the most efficient and inexpensive way of accessing diverse applications, a one-box/one-line solution like the Model 2784 will be ideal for them. On the other hand, customers with multiple branch locations—such as the insurance, healthcare and financial communities—need a way to integrate voice, data and Internet traffic that will keep costs down and productivity up. The Model 2784 delivers this capability as well."

Product Overview

The Model 2784 NAU provides one T1 or E1 port—with integrated CSU/DSU function—offering full T1/E1/PRI or NxDS0 connectivity. A drop and insert(DSX-1) port allows

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connection to a corporate PABX for support of voice traffic using an assignable block of the DS0s. A 10 Mbps Ethernet port (10Base-T/AUI) allows routing of Frame Relay, Dial-up and IP traffic to the corporate LAN (using a separate block of DS0s).

The Model 2784's integrated router supports DHCP, DNS, RIP, PPP, SLIP, PAP/CHAP and RADIUS services—eliminating the need for expensive branch routers. An integrated FRAD (with RFC-1490) allows creation of IP and Frame Relay data VPNs, as well as access to public or private frame relay networks. Finally, the Model 2784 incorporates an integrated Remote Access Server (employing DSP technology) capable of receiving and transmitting V.90, K56flex™ and V.34 modem calls.

In-band SNMP management of the Model 2784 is facilitated through an on-board SNMP agent. Management can be accomplished through a customer's existing management platform, or through an integrated HTTP server. Using the HTTP server, all configuration and control can be performed through a standard Web browser.

Price and Delivery

US list price for the Patton NetLink Model 2784 Network Access Unit (NAU) starts at \$4995. Product is shipping now.

About Patton

Patton Electronics Company is a US manufacturer and marketer of data communications products, including: Remote Access Products (V.90, K56Flex™, V.34+, and ISDN dial-in); Last Mile/Local Loop Access Products (T1, E1 and xDSL modems, NTUs and CSU/DSUs); Multi-Service Access Products (Voice, Intranet, Extranet and Frame Relay access); and Connectivity Products (interface converters, short range modems, multiplexers and data line surge protectors).

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