

For details, contact:
Chris Christner
Director of Marketing Communications
Phone: +1 301.975.1000

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Patton Adds Dial-Out PPP, Call-Back, and PPP Uplink Capabilities to RAS Product Line

New RedRAS™ software adds dial-out PPP, call-back, and PPP uplink features that enhance security while reducing equipment and operating costs for ISPs and enterprises.

OCTOBER 22, 2004: GAITHERSBURG, Maryland—an industry leader in access, connectivity and VoIP—announces free RedRAS software release 3.5.1 for customers with T1 robbed-bit, T1/PRI or E1/PRI connections. The no-charge upgrade includes dial-out PPP, call-back, and uplink over T1/E1 PPP capabilities for Patton's popular and distinctive 2900 Series and 3120 remote access server product family. The expanded feature set enables new applications for ISPs and enterprises that offer enhanced security combined with reduced equipment and operating costs. Patton RAS owners can download the new software immediately from Patton's web site at <http://upgrades.patton.com/>.

"RAS isn't dead, in fact, it's more popular than ever," said Scott Whittle, Patton's Director of Product Marketing. "That's because dial-up is less expensive and more available than broadband—and will be for years to come. Plus, dial-up RAS is vital for teleworkers, business travelers, and users in under-developed remote and rural locations. Patton's versatile new RedRAS 3.5.1 upgrade gives ISPs and enterprises fresh ways to leverage this time-tested technology to expand their service offerings, reduce expenses, and grow their business." Mr. Whittle added.

New feature/benefits in RedRAS 3.5.1 include dial-out with multi-link support for lower-cost high bandwidth uplinks, call-back for reduced telephony expenses and enhanced security, and Synch PPP uplinks for lower equipment costs.

Dial-out PPP

Patton's dial-out PPP feature with dial-on-demand allocates bandwidth dynamically so enterprises and ISPs can avoid paying for unused bandwidth on dedicated uplinks. Patton's dial-on-demand boasts a multilink capability that distributes outbound data among multiple modems to create an aggregated high-bandwidth pipe. As additional bandwidth is needed, the RAS automatically initiates a dial-up call and establishes a framed IP connection to a remote network. RAS administrators control

the feature via configurable operating parameters. Patton's integrated packet filtering prevents unwanted outbound calls from unauthorized users or ping requests, ensuring security while further reducing costs.

Dial-on-demand is ideal for such enterprise applications as automated backups to a remote data center. The RAS automatically sets up connections and then transmits the data over multiple modems to the remote center for storage. With dial-on-demand, ISPs can reduce expenses by replacing costly dedicated uplinks with Patton's "E1-on-demand"—a dynamic pool of dial-out PPP uplinks.

Call-Back

The call-back feature employs the Call Back Control Protocol (CBCP) to enhance security and reduce telephony costs. CBCP verifies the identity of a remote calling device using RADIUS authentication. If authentication succeeds, the RAS disconnects the user and reestablishes the connection by initiating a new call. For each calling user, RAS administrators can pre-define the call-back digits within RADIUS, or allow the user device to specify the dial-back number. Enterprises can use the call-back feature to reduce telephone expenses incurred by teleworkers and business travelers calling from remote locations. By configuring the RAS to dial the caller back, businesses can take advantage of lower corporate rates for long-distance dialing.

Synch PPP Uplink

The synch PPP uplink feature gives Patton's RedRAS the added flexibility of a built-in edge router. With user-selectable nx64 DSOs per WAN port, RAS administrators can use existing T1/E1 WAN ports to configure a dedicated IP connection for use as an uplink. The new feature reduces the cost of business growth for ISPs, allowing you to re-deploy your RAS in new locations without the added expense of an external router or switch.

About Patton's Remote Access Servers

Patton's chassis-based RAS products support V.92, V.90, K56Flex, V.34+, and ISDN dial-in, scale from 16 to 120 ports, and come in the industry's highest-density 1U chassis. These sleek units come with redundant power supplies and, because they don't use fans for cooling, are very quiet and reliable. They address the dial-up and DSL needs for carrier, ISP, and co-location customers who are deploying IP services.

The following models are compatible with the new 3.5.1 software upgrade:

- Model 2960 RAS (16, 24, 30, 48, and 60-port models)
- Model 2996 RAS (96 and 120-port models)
- Model 3120 RAS (96 and 120-port models)

Pricing and Availability

The 3.5.1 software upgrade is available now to Patton RAS users worldwide. Customers can download the software free of charge from <http://upgrades.patton.com/>.

About Patton

Patton Electronics Company is a US manufacturer and marketer of data communications products, including VoIP/TolP gateways & routers, Remote Access Products (V.92, 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). Patton Electronics is an ISO 9001 certified and BABT approved manufacturer. Patton products are CE marked.

For more information or to request a free datacom catalog, please contact sales@patton.com.

Patton Electronics Company

7622 Rickenbacker Drive
Gaithersburg, MD 20879 USA
Tel: +1 301.975.1000
Fax: +1 301.869.9293
Email: marketing@patton.com
Web: <http://www.patton.com/>

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