

# PATTON NetworkNEWS

29 June 2006

Special Issue: Secure Voice & Data

- **Secure VoIP VPNs with Encrypted Voice**
- **VoIP Goes Extreme - Outdoor/Industrial VoIP Gear**
- **Secure Biz-Class Routing from Patton**
- **Secure Device Networking**
- **Patton in the News... Selected Hot Headlines**

**ETHERNET-EXTENDERS.COM**



High-Quality  
Patton Ethernet  
Extenders.  
Buy now online.

Made in USA

## Secure VoIP VPNs with Encrypted Voice SmartNode™ Does IPSec Strong Encryption with IKE

*At last, even the most security-conscious enterprises can cash in on the cost-savings of VoIP.*



**Cash in.** Now even organizations with major security concerns can **cash in on the benefits of VoIP**. By building voice encryption with IPSec and Internet Key Exchange (IKE) into every SmartNode™ router, Patton makes cost-saving voice-and-data convergence a viable option—even for enterprises that handle the most highly-sensitive information.

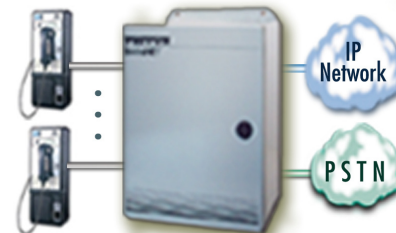
**Strong encryption.** SmartNode™ VoIP routers use VPN tunnels to create secure inter-office connections that carry encrypted voice and data through non-secure networks (such as the Internet). Patton's VoIP-VPN technology employs 256-bit AES/DES strong encryption to lock out prying eyes and eavesdropping ears. IKE protects against hackers by continuously changing the encryption key at configurable intervals.

### SmartNode™ VoIP-VPN Feature Highlights

- IPSec 256-bit encryption for both voice and data
- DES/3DES & AES strong encryption keys
- Internet Key Exchange (IKE) for automatic, dynamic keying
- Configurable automatic key-exchange interval
- Standard upstream & Patton's DownStreamQoS for toll-quality voice
- Prioritized traffic scheduling and shaping
- For more features, go to [www.patton.com/environet](http://www.patton.com/environet)

## VoIP Goes Extreme EnviroNET™ Industrial VoIP Gear for Harsh & Outdoor Environments

*EnviroNET™ gear takes VoIP out of the closet into the real world of grit & grime.*



Outdoor  
Phones

EnviroNET™  
VoIP Router

Service  
Networks

**Down the shaft.** Now you can deliver Ethernet-based VoIP services in such gritty places as desert oil rigs, greasy railway beds... even damp and dirty mine shafts—where wireless is not an option.



EnviroNET™  
Inside

**Tough & ready to rumble.** Patton's rugged **EnviroNET™** VoIP routers are environmentally hardened—securely sealed in NEMA4-compliant enclosures against moisture, particulates and extreme temperatures ranging from -45° to +85° C. To

**Secure savings.** Because secure voice-encryption and VoIP-VPN technology from Patton SmartNode™ lets users communicate with utmost confidence, now even

## SmartNode™ VoIP... more than just talk

the most security-conscious network administrators can **save money** with converged infrastructures for VoIP, voice, and data communications. Learn more at [www.patton.com/environet](http://www.patton.com/environet).

## Patton In The News Selected Hot Headlines...

### Patton Ships RoHS SmartNodes for VoIP

Patton finishes RoHS transition ahead of European Union Directive's July 1 deadline for flagship SmartNode™ VoIP products.

### First-in-Class G.SHDSL Sync-Serial Router

Patton's low-cost CPE helps carriers retire outdated frame-relay equipment in order to leverage new IP-centric infrastructures.

### Patton Builds Low-Cost, High-Security DMZ Router

Web-managed 3-port VPN router simplifies DMZ & firewall setup for business-class security & traffic-shaping—at very low cost.

### Massive VoIP Rollout Features Patton Equipment

Deployment is well underway for Avante!s 20,000-subscriber VoIP-service featuring SmartLink™ VoIP SoHo Routers.

### Patton Ships World's Smallest VoIP ATA

Ultra-miniature VoIP adapter cuts the cost of voice communications for carriers and customers.

### Low-Cost Router with VPN, QoS & Encryption

Secure web-managed VPN router addresses both security and traffic-prioritization needs of enterprises—at very low cost.

### Secure Universal Device Server Leads New Line

Web-manageable single-port device server with data encryption securely connects any RS-485/422/232 device to IP networks.

**Read** these stories (and more) in their entirety at [www.patton.com/news](http://www.patton.com/news).

## Like This Newsletter?

1. Ask your network manager to put [netnews@patton.com](mailto:netnews@patton.com) on the **white list**.
2. **Read** back issues in the **Network News Archive**.  
Go to [www.patton.com/netnews](http://www.patton.com/netnews).
3. **Subscribe**. Go to [www.patton.com/netnews/subscribe](http://www.patton.com/netnews/subscribe)

learn more, go to [www.patton.com/environet](http://www.patton.com/environet).

**Get hardened.** To order, call Patton at **+1 301 975 1000** or email [sales@patton.com](mailto:sales@patton.com).

## Secure Business-Class Routing Patton's IPLink™ 2800 Series

**Businesses can trust** Patton to keep their private information private. The secure and **affordable IPLink™ Model 2800** VPN Router Series includes **IPSec strong encryption**, configurable security profiles, QoS, traffic shaping, NAT/NAPT, ACL and more. Go to [www.patton.com/iplink](http://www.patton.com/iplink).



## Secure Device Networking EtherBITS™ Model 2285

Enjoy data-encrypted **confidence** and browser-managed **convenience** in your serial-device network. The **Secure EtherBITS™ Model 2285** Universal Device Server connects any RS-232, RS-485 or RS-422 serial device to your Ethernet LAN. Built-in surge protection. Go to [www.patton.com/etherbits](http://www.patton.com/etherbits).



## Learn more...

about high-quality, low-cost, **secure** network solutions from Patton.

Go to [www.patton.com](http://www.patton.com), email [sales@patton.com](mailto:sales@patton.com), or call **+1 301 975 1000**.

