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### **ISDN Carriers Conduct Field Trials with Patton's G.SHDSL VoIP Gear**

*Carriers and Service Providers throughout the ISDN marketplace are engaged in field trials with SmartNode™ VoIP IADs featuring an on-board G.SHDSL modem*

*SmartNode™ & SmartLink™ VoIP...more than just talk*

GAITHERSBURG, MD and BERN, SWITZERLAND: Patton—the leader in network-access, connectivity, and VoIP solutions—together with Patton-Inalp Networks AG—creator of industry-leading SmartNode™ VoIP technology—announced today that carriers and ISPs in Germany, Switzerland, France, Norway, and other ISDN markets are conducting tests and field trials with SmartNode **SN4650 BRI** and **SN4960G PRI** VoIP IADs that feature a built-in G.SHDSL.bis modem interface.

The on-board G.SHDSL interface eliminates the expense and logistical challenges of installing an out-board modem at each customer site when rolling out VoIP services. Patton is the first (and only) VoIP-CPE manufacturer to combine a built-in G.SHDSL modem for symmetrical high-speed Internet access with a dedicated ISDN breakout port for PSTN fallback and number-portability.

"No one else does it," said Ramon Felder, President and COO of Patton-Inalp, "so ISDN carriers are jumping all over it. Competition is fierce in the VoIP service market, and ISDN users are especially demanding. Our technology makes digital business-trunking services a viable and profitable business model."

The SN4650 and SN4960G make it easy for carriers to deploy VoIP services quickly by combining **proven interoperability** with **all major brands of softswitches** and seamless integration with existing ISDN protocols, services, and network architectures. Thousands of SmartNode™ gateways have been successfully deployed in numerous **ISDN carrier networks**, including one of Europe's earliest **first-line VoIP services**.

The symmetrical data-rate of G.SHDSL is especially attractive to ISPs that serve businesses. By adding VoIP—which requires equal upstream and downstream bandwidth—to their business-class service offerings, carrier-providers can expand their customer base while increasing revenues from existing subscribers.

The SN4650 provides 3 to 5 BRI ports and supports 4 to 8 VoIP calls. The SN4960G provides 1 to 4 PRI ports and supports 15 to 120 VoIP calls. Delivering broadband access at symmetrical rates up to 5.7 Mbps, the low-cost, high-performance trunking gateways support business-class VoIP, voice, video and data services.

With each unit ordered before year-end, Patton's **double-security promotion** offers a free VPN license and five-year warranty.

For hi-resolution images of the SmartNode 4960G and 4650, go to Patton's **media resources page** and click on *VoIP*.

### **About SmartNode™ VoIP Solutions**

The **SmartNode™** brand carries a strong six-year track record of successful deployments with satisfied carriers. SmartNode™ VoIP gateways, routers, and IADs scale from 2 to 120 analog or digital voice ports. Offering all the industry-standard interfaces (T1/E1, PRI/BRI, FXS/FXO, V.35/X.21, Ethernet and more), SmartNode™ supports SIP, H.323, T.38 Fax-relay, fax-bypass, modem-bypass, plus Voice-over-VPN with AES/DES IPsec **voice encryption**, plus upstream Quality-of-Service (QoS) with Patton's advanced **DownStreamQoS™** for clear, toll-quality voice.

### **About Patton**

Patton is a multinational organization that manufactures communications equipment for **carrier**, **enterprise**, and **industrial** networks worldwide. Incorporated in 1984, Patton's **catalog** of over 1000 products includes **SmartNode™** and **SmartLink™** VoIP solutions; **ForeFront™** multi-service access infrastructure solutions (T1/E1, G.SHDSL, xDSL, dial-up); **IPLink™** CPE solutions (WAN routers, modems, remote access servers, NTUs, CSU/DSUs); **CopperLink™** Ethernet Extenders; **EtherBITS™** device servers; **EnviroNET™** industrial-networking equipment, network-connectivity **Micro-Products** (interface-converters, etc.), and more.

For more information or a free catalog, contact [sales@patton.com](mailto:sales@patton.com).

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