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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 on-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 DownStreamQoSTM 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.

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