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Patton Adds SIP Registrar to SmartNode™ VoIP Equipment

For enterprise VoIP systems, Patton delivers interoperability, survivability, and easier deployment by adding SIP registrar to the ultra-rich feature set of SmartNode™

SmartNode™ VoIP... more than just talk

GAITHERSBURG, MD and BERN, SWITZERLAND: Patton—the leader in business-class network access, connectivity, and VoIP equipment—together with Patton-Inalp Networks AG—creator of SmartNode™ industry-leading VoIP technology—announces SIP Registrar functionality is now available in SmartNode™ VoIP gateway-routers and customer-premise equipment (CPE).

Building SIP registrar functionality into SmartNode™, Patton solves the interoperability issues normally involved with SIP-based enterprise VoIP systems, especially when adding an IP-PBX or SIP phones.

Combined with dial back-up and IP link redundancy, existing SmartNode™ features, SIP registrar also strengthens network survivability and service reliability.

Building on the industry's richest set of VoIP calling, routing, and survivability features, SmartNode™ offers SIP registrar as a licensed feature in SmartWare™ release 5.T.

"VoIP technology is worthless," said Ramon Felder, President of Patton-Inalp, "unless it works. SmartNode interoperates with all the players, all the softswitches, all the IP-PBXs. Never mind our mile-long list of advanced features. We've got the industry's most powerful call routing and numbering capabilities. But so what? Our gear actually works in the real world. Interoperability is what drives carriers and integrators to Patton."

Flexible routing and numbering plans have long been market-leading SmartNode™ features. Patton's interoperability program certifies an ever-growing roster of major-brand softswitch and IP-PBX vendors.

SIP registrar allows SIP clients, such as software-based phones and PBXs, to register directly with the VoIP gateway or CPE, instead of a SIP softswitch. The feature offers the following benefits for enterprises, integrators, and Internet Telephony Service Providers (ITSPs):

System interoperability. ITSPs trust SmartNode CPE as a well-known SIP-network termination point. Together with back-to-back user agent and inter-protocol transcoding, the SmartNode™ SIP registrar ensures compatibility of all VoIP system elements—from service provider equipment to the end user.

Simple set-up. Engineers need only set up one network device (SmartNode™) instead of two (SmartNode™ and SIP server or softswitch). SmartNode with SIP Registrar reduces call-route complexity by centralizing call-routing within the gateway-router. That means enterprise integrators and network administrators can install, configure and operate VoIP systems with lower hardware costs and fewer headaches

Network survivability and service reliability. Via breakout connections to the local PSTN, SmartNode provides dial back-up and IP link redundancy. With IP-PBX and SIP-phones registered in each branch-office SmartNode™, inter-office VoIP calls can traverse the PSTN. So even when the IP network fails, SmartNode users can still talk to each other.

Low-cost entry, no-cost growth. For a basic small-enterprise VoIP system, SIP registrar can dramatically reduce cost-of-entry by eliminating the expense of purchasing and installing a SIP server. VoIP-enabled small businesses can enjoy zero-cost growth by adding freeware soft-phones that can register with the SmartNode gateway—no SIP server required.

About SmartNode™ VoIP Solutions

SmartNode™ VoIP solutions 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 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, G.SHDSL 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-Inalp

Inalp Networks was founded in 1998 to design, develop and market advanced Internet Protocol (IP) based multi-service platforms that deliver voice, video and data services over a converged network. Patton Electronics, Co. (Maryland, USA) and Inalp Networks AG (Berne, Switzerland) joined forces in 2002 to manufacture and market the SmartNode™ brand of advanced VoIP products. Patton-Inalp Networks AG is the VoIP competency center and Europe-Middle-East-Africa (EMEA) sales organization for Patton's business-class network access, connectivity and VoIP equipment.

About Patton

Patton is a multi-national organization that manufactures voice and data-communications equipment for carrier, enterprise, and industrial networks worldwide. Incorporated in 1984, Patton markets a catalog of over 1000 products including SmartNode™ VoIP solutions that support SIP, H.323, and MGCP for analog and ISDN telephony; ForeFront™ multi-service access infrastructure solutions for TDM and IP service delivery (T1/E1, G.SHDSL, xDSL, dial-up); IPLink™ CPE solutions for last-mile/local-loop access (WAN routers, modems, remote access servers, NTUs, CSU/DSUs); CopperLink™ Ethernet Extenders; EtherBITS™ device servers; EnviroNET™ NEMA4-compliant hardened networking equipment, and a full range of network-connectivity Micro-Products (interface converters, short-range modems, multiplexers, surge protectors).

For more information or a free catalog, contact sales@inalp.com.

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