

For details, contact:

Chris Christner

Director of Marketing Communications

Phone: +1 301.975.1000

For Immediate Release

June 29, 2011

Patton SmartNode™ Launches Two New BRI VoIP Product Lines

Patton's new single and dual-port SmartNode™ DTA and BRI Gateway series offer improved price-performance and expanded feature sets for ISDN VoIP users and service providers.

GAITHERSBURG, MD: Patton—the leader in business and carrier-class network access, connectivity, VoIP and mobile video-surveillance equipment—is now taking orders for two new SmartNode product series for ISDN BRI VoIP users and service providers: the SmartNode™ 4120 Single/Dual-Port BRI VoIP gateway and the SN-DTA Single/Dual-Port BRI VoIP Digital Terminal Adapter.

With initial shipments expected during Q3 and Q4, the new SN-DTA and SN4120 product lines expand the range of NT/TE port combinations available from SmartNode, while adding such enhanced feature options as PSTN fallback, phantom power, and a high-precision clock that solves VoIP interop issues with DECT, PBX, and FAX.

The new models provide replacement options—with superior price/performance—for Patton's S-DTA, SN4552, and SN4554, which are approaching end-of-life.

New port combinations: Patton's new single-port TE gateway (SN4120/1BIS2V) and dual-port NT gateway (SN-DTA/2BIS4V) round out the expanded SmartNode BRI product portfolio while providing cost-effective solutions for specialized customer applications.

High-Precision Clock: The dual-port SN-DTA/2BIS4VHP includes Patton's high-precision clock (< 5 ppm) that enables first-line IP-telephony performance—including reliable fax and modem services—in demanding ISDN and DECT environments.

Fallback with Phantom Power: The SN-DTA/2BIS2V offers a fallback port that comes with built-in phantom power that keeps connected ISDN devices powered up in cases where an existing fallback line is removed or the fallback port is not utilized.

"The ISDN market demands exceptional service quality," said Bernhard Fluehmann, Patton's Converged IP Product Manager. "ISDN users are notoriously picky, yet SmartNode has a strong reputation for high quality among ISDN customers. With our expanded portfolio of BRI VoIP gateways we will satisfy a greater share of ISDN service-provider requirements to meet the true business needs of many more satisfied customers."

Patton's VoIP track record includes six product-of-the-year awards from INTERNET TELEPHONY® magazine, as well as numerous successful ISDN deployments, including one of Europe's earliest first-line VoIP services.

In related news, Patton recently expanded the SmartNode™ PRI gateway series, adding three new model series that enable carriers, enterprises, and integrators to choose the ideal, best-priced solution for their specific network infrastructure, business processes, and go-forward communications strategy.

Earlier this year, Patton announced IBM Sametime certification and Microsoft OCS certification for SmartNode products.

About SmartNode™ VoIP Solutions

Award-winning SmartNode™ equipment delivers state-of-the-art VoIP technology that integrates seamlessly with existing analog POTS and digital ISDN infrastructures. Proven interoperability with all major brands of softswitches and IP-PBXs makes it easy for carriers and enterprises to deploy future-proof VoIP systems quickly and profitably today. Tens of thousands of SmartNode™ products are up and running in enterprise networks and carrier deployments worldwide, including one of Europe's earliest first-line VoIP services.

The SmartNode™ Unified Communication Agent™ (UCA) provides any-to-any multi-path switching (simultaneous SIP, H.323, ISDN, and POTS calls)—plus T.38 and SuperG3 FAX—with routing and conversion for TDM/PSTN and IP/Ethernet traffic. The UCA includes SIP Registrar for presence/reachability, dial-backup and IP-link redundancy for VoIP-and-data survivability, and VoIP-over-VPN for secure IPsec-encrypted voice and data with AES/DES strong encryption and automated keying via Internet Key Exchange (IKE).

SmartNode™ preserves all the ISDN telephony features that ISDN users depend on and network operators require (AOC, CLIP, CLIR, UD64, overlap dialing, and fax, as well as MSN and DID). Built on the industry's most interoperable VoIP platform, the SmartNode™ S-DTA supports ISDN, SIP, H.323, and MGCP/IUA signaling. Patton's SmartWare™ features touchless auto-provisioning, high reliability, and proven interoperability with all the major-brand softswitches and IP-PBXs.

Scaling from 2 to 120 voice calls, SmartNode™ VoIP gateways, routers, IADs and Session Border Controllers (SBCs) offer every industry-standard interface, including T1/E1, PRI/BRI, FXS/FXO, V.35/X.21, Ethernet, G.SHDSL, ADSL2+, and more, while Patton's advanced DownStreamQoS™ technology delivers clear, toll-quality voice on every call. For more information about SmartNode™ equipment, go to www.patton.com/voip.

About Patton

Patton is a multi-national organization that designs, develops, and manufactures electronic communications equipment for network access, connectivity, voice-over-IP, triple play and video surveillance. Deployed throughout the world in carrier, enterprise, and industrial networks, most Patton products are manufactured in the USA. Patton is ISO 9001:2008 certified and markets a catalog of over 1000 products including SmartNode™ VoIP solutions (SIP and H.323) for analog and ISDN telephony; Visuality™ mobile-video surveillance, collection, and intelligence distribution solution, 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). Incorporated in January 1984, Patton Electronics has been doing business for over 26 years.

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

Patton Electronics Company
7622 Rickenbacker Drive
Gaithersburg, MD 20879 USA
Tel: (301) 975-1000
Fax: (301) 869-9293
Email: marketing@patton.com
Web: www.patton.com

SmartNode™ Awards

2010 Internet Telephony Product of the Year: SmartNode™ 5400

2009 Internet Telephony Product of the Year: SmartNode™ 4400 Series

2008 Internet Telephony Product of the Year: SmartNode™ 4961

2007 Internet Telephony Product of the Year: SmartNode™ S-DTA

2006 Internet Telephony Product of the Year: SmartNode™ 4960

2005 Internet Telephony Product of the Year: SmartNode™ 4630

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