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SmartNode™ Delivers VoIP and Data Survivability with Dial Backup and IP Link Redundancy

Now with dial backup and IP uplink redundancy, SmartNode™ VoIP gateways ensure business continuity for unified communications in converged enterprise networks.

SmartNode™ 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 SmartNode™ industry-leading VoIP technology—announced today a new set of network survivability features for **SmartNode VoIP Gateways**.

Building on existing link protection mechanisms (such as PSTN fallback for voice traffic), SmartWare release 4.T adds link supervision, redundant IP uplinks, and dial back-up over ISDN BRIs to the SmartNode product line.

The added mechanisms ensure business continuity for data—as well as Voice-over-IP. By maximizing uptime for all traffic types, SmartNode delivers reliable unified communications for a high-quality user experience.

“We’ve wiped out the FUD* factor for Voice-over-IP,” said Ramon Felder, President of Patton-Inalp. “It’s going to mean more nines in a lot more networks. It also keeps the lid on network equipment costs.”

Based on industry-standard technologies, the new link protection capabilities drive availability numbers higher, not just for voice, but for the entire unified network. With such high-end router functions built in, SmartNode eliminates the expense of a second piece of equipment to handle link-monitoring and auto-dial functions.

SmartWare Release 4.T also adds support for clearmode RFC 4040. The recently emerged standard specifies procedures for delivering ISDN UD64 digital fax or modem data over a VoIP network.

“Patton is always taking VoIP to the next level,” said Marco Liechti, Product Manager. “SmartNode pioneered this functionality—delivering ISDN data over IP. Now that the industry has caught up, it was easy for us to support the latest standard. SmartNode leads the market as the true converged edge device.”

Flexible routing and numbering plans have long been market-leading SmartNode features. Now, with dial backup and IP link redundancy, SmartNode can route any traffic type over any available network resource for superior service reliability.

Deployed at headquarters, Patton's [Remote Access Servers](#) offer an ideal complement to the SmartNode dial-backup feature. The RAS supports multiple dial-up connections from remote branch offices for a complete Patton solution end-to-end.

Dial backup is currently available for all SmartNode models that feature an ISDN BRI interface, including [SN4630](#), [SN4650](#), [SN4552](#), and [SN4562](#).

For hi-resolution images of SmartNode Gateways, go to Patton's [media resources page](#) and click on *VoIP*.

***FUD**: fear, uncertainty, doubt.

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 more than 1000 products includes the [SIPxNano](#)[™] ultra-miniature IP-PBX, [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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