

Modular VoIP Router

SmartNode 2300

The SmartNode 2300 Series of Modular VoIP Routers & Gateways create a flexible enterprise solution for easy integration of voice and data. Scalable, intelligent, and multi-service, the SmartNode 2300 Series support up to 60 simultaneous calls and are equipped with a Sync. Serial router with QoS, NAT, & Firewall.

The SmartNode 2300 Series is a single flexible platform for network data and Voice-over-IP applications. Ideal for the branch office or the small to medium enterprise, the SmartNode is performance-tuned for packet and voice. Equipped with dual Ethernet ports, a serial V.35/X.21 port, and three voice interface slots, the SmartNode 2300 scales up to 60 simultaneous calls in a 1U chassis.

The SmartNode 2300 router connects your LAN to the WAN using PPP or Frame Relay (RFC-1490) eliminating the need for and cost of an extra router. The SmartNode 2350 includes dual Ethernet ports and built-in QoS, NAT, DHCP, PPPoE, and ACL/Firewall for complete LAN network access control.

With Patton's Telephony-over-IP (ToIP) programmable circuit-switching, the SmartNode links any standard BRI, T1/E1

PRI, or FXS connection to the IP network. Supporting multiple CODECs and T.38/Modem bypass, the SmartNode seamlessly converges voice, data, and fax over IP.

The SmartNode delivers IP network access with the clarity of toll-quality voice providing an all-in-one LAN, WAN, and Gateway solution.



FEATURES & BENEFITS

3 Expansion slots for ISDN, T1, E1, and FXS interface cards for voice processing features

Real-time quality of service (TOS, Diffserv, and IEEE 802.1p/Q)

G.711 A-Law/μ-Law; G.723.1 (at 5.3 or 6.3 kbit/s); G.729A; Transparent

IPv2, H.323v4; Q-SIG (PSS-1), and ISoIP (ISDN over IP)

ORDERING INFORMATION

SN2300/4FXSIL/UI: 4 Call, FXS Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

SN2300/4BRVIL/UI: 8 Call, BRI So Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

SN2300/1E1IL/UI: 30 Call, E1 PRI Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

SN2300/1T1IL/UI: 24 Call, T1 PRI Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

SN2300/2E1IL/UI: 60 Call, E1 PRI Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

SN2300/2T1IL/UI: 48 Call, T1 PRI Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

Options & Accessories

SNSW-VPN2: License Key for IPSec VPN support (DES, 3DES, AES)

4-Slot Modular Router

SmartNode 2400

Combining a real-time QoS IP router, Voice-over-Packet Gateway, and ToIP circuit switching, the SmartNode 2400 Series VoIP Media Routers & Gateways are ideal for multi-service carrier access and corporate PSTN networking for up to 120 simultaneous calls.

The SmartNode 2400 Series provides a high density, seamless link between the circuit-switched telephone network and Voice-over-IP. Ideal for multi-service carrier and corporate PSTN access, the SmartNode 2400 Series takes 120 calls from voice-to-packet. With dual 10/100 Ethernet ports and four voice interface slots, the SmartNode 2400 connects to any switch, PBX, or data network.

The SmartNode delivers VoIP that has the clarity of toll-quality voice. Multiple user-defined G.711 and G.726 voice CODECs are included, as well as G.723 and G.729ab for low bandwidth voice. T.38 FoIP, fax bypass, and modem bypass capabilities ensure that the SmartNode will seamlessly connect to all voice and data services. QoS ensures optimal voice performance through traffic classification and prioritization.

Patton's exclusive Telephony-over-IP™ (ToIP™) programmable circuit switching delivers service transparency and flexible PSTN integration. With ToIP any BRI, T1/E1 PRI, or FXS port can connect to any telephone or media gateway port.



FEATURES & BENEFITS

Supports up to 120 simultaneous calls from any combination of voice signaling including T1 RBS, T1/E1 PRI, BRI, and FXS.

T1/E1, BRI, & FXS Voice Interface Cards—Use any combination of voice interfaces for connection to any telephone, switch, or service provider.

Using ISoIP™ and ToIP™ technology, calls are connected with voice, data, and supplementary services delivered transparently end-to-end.

ORDERING INFORMATION

SN2400/4FXSIL/UI: 4 Call, FXS Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

SN2400/4BRVIL/UI: 8 Call, BRI So Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

SN2400/4E1IL/UI: 120 Call, E1 PRI Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

SN2400/4T1IL/UI: 96 Call, T1 PRI/RBS Gateway Router QoS ToIP, Internal UI (90–260 VAC) power

Options & Accessories

SNSW-VPN2: License Key for IPSec VPN support (DES, 3DES, AES)