

Analog VoIP Gateways

SmartNode SN4740 Analog High Density Gateway | 16 to 128 ports



Covering analog port densities of 16, 24, 32, 48, 64, 72, 96, and 128, the SN4740 series can connect analog telephony equipment to SIP-based communication systems for just about any application, hotels, resorts, campus, and sprawling industrial facilities.

Overview

The SmartNode™ 4740 VoIP Gateway provides 16 to 128 analog FXS (FXO coming soon) interfaces to connect phones, fax or PSTN trunk lines to your All-IP based Unified Communication system such as SIP Trunks, IP PBXs, Hosted Solution, etc.

Like every SmartNode, the SN4740 supports every industry-standard Codec to deliver toll-quality voice on every call. Using Patton Cloud's Call Quality Assessment and Monitoring functions, together with E-Mail or SMS notification, it ensures meeting Service Level Agreements at the customer premise with no effort. Which helps in preventing Call Quality related problems, and reduces time resolving them by utilizing the remote access functions of Patton Cloud.

VoIP-over-VPN voice encryption provides secure voice and data via IPsec** or OpenVPN** in addition to SIP/TLS** & SRTP**.

The advanced call-router functionality includes least-cost call routing with flexible dialed-number plan support. The SmartNode survivability suite provides SIP Trunk and PSTN fallback to ensure business continuity in case the IP network fails. In addition, the SmartNode delivers a smooth transition to All-IP with strong number portability support accepting incoming calls from the PSTN throughout the VoIP service provider's number porting process.

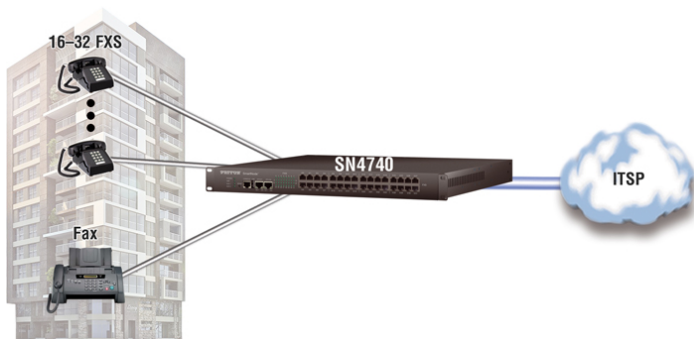
Preserve investments in legacy phone equipment while taking the next steps toward unified communications with the SN4740 VoIP Gateway. Providing 16 to 128 FXS (FXO coming soon) interfaces and two 10/100/1000 Ethernet ports, the SN4740 delivers a reliable, cost-effective solution for the Enterprise.

Applications

Apartment Building Application

Features

- **Up to 128 FXS** - 16, 24, 32, 48, 64, 72, 96, and 128 Analog ports. Long Reach FXS—10 km @ 3REN load. MWI, Caller-ID and AOC support. FXO is coming soon!
- **Message Waiting** - Message Waiting Subscription & Notify, MWI – Line reversal, high voltage and FSK support.
- **Full VoIP protocol support** - SIPv2, SIPv2 over TLS**, SIPv2 over IPv6, RTP security with SRTP**, T.38, fax and modem bypass, DTMF relay.
- **Easy Management & Provisioning** - Patton Cloud orchestrated, HTTPS zero-touch provisioning (Mutual Authentication), SNMP, command line interface and TR-069 for automated mass provisioning for efficient deployments.
- **Call Quality Assessment & Monitoring** - Powered by Patton Cloud; Call Quality monitoring ensures SLA is being met at the customer premise. CDR logging includes quality information, duration, Codec, etc. Accessible by Web and API (OSS/BSS integration).
- **eSBC Upgrade Option** - Simply by purchasing a software license, the SmartNode becomes a full blown eSBC. This capability prepares your voice network for next-generation SIP services and security.



Hotel Application



Specifications

Capacity	Up to 128 simultaneous low bandwidth voice or HD calls with SRTP or T.38 fax calls
SIP Signaling	• SIPv2 over UDP/TCP or TLS** • SIP call transfer, redirect • Overlap dialing, PRACK, P-Header support • Multi instance, simultaneous support of multiple registrars and direct IP dialing) • DTMF in-band & out-of-band • B2BUA—eSBC capable**
Voice Processing	• G.722 • G.711m/A-law • G.723.1 (6.4 kbps) • G.729, 729a, 729ab (8 kbps) • G.726 (16, 24, 32, 40 Kbps) • AMR-NB (4.75, 5.15, 5.9, 6.7, 7.4, 7.95, 10.2, 12.2 kbps) • Fax relay T.38, bypass G.711 • iLBC at 13.33 kbps (SIP-SIP only) • G.168-2004 echo cancellation (128 ms) • Up to 128 simultaneous low-bandwidth voice or T.38 fax calls • Up to 128 HD calls with SRTP • Silence suppression and comfort noise • Adaptive and configurable dejitter buffer • Configurable RTP packet length
Call Switching & Services	• 3 way and N way conferencing • Regular expression based call routing and number manipulation • Number blocking • Short-dialing • Digit collection, distribution and hunt groups • Transparent line extension • Fallback Routing: Soft fallback to alternative route(s)
FXS Connectivity	• 2-wire Loopstart on RJ-11/12 or RJ21 (Telco 50-pin) • MWI – high voltage, line reversal and FSK method • Localization—All tones programmable (dial, ringing, busy) • EuroPOTS (ETSI EG201188) • Programmable AC impedance, feeding, ring and onhook voltage • Peak Ring voltage: 87.7Vpk • Ring voltage: 62Vrms • Current Feed ILA: 26mA • Talk Battery Voltage: -20V • On-Hook voltage VOC: 51V • Caller-ID FSK and ITU V.23/Bell 202 generation • Long Reach FXS—10 km @ 3REN load • Secondary Surge Protection*
FXO Connectivity (coming soon)	• 2-wire Loopstart—RJ11/12 connector or RJ21 (Telco 50-pin) • Programmable impedance • Ring detection, tone detection • Caller ID detection (FXS, DTMF) • Connect & Disconnect supervision
Connectivity	• Two 10/100/1000Base-T Ethernet ports • USB port • Auto-MDIX • DHCP Client and Server • PPPoE Client (multi-session) • IP Multi-Netting, VLAN, Secondary IP • IPv4 and IPv6—Dual Stack • ICMP • Dynamic and static NAT and NAPT • Intelligent ACL • DNS, DynDNS • SNTP Client
Quality of Service, SLA Assurance	• Patton Cloud based Call Quality Monitoring & Alerting** • Voice priority, DownStreamQoS™ • High Availability & Redundancy** • Traffic Management, shaping policing • IEEE 802.1p, IEEE 802.1Q, 4096 VLANs (Tag insertion/deletion), TOS, DiffServ Labeling

Management	• Web/HTTPS, CLI and SSH Telnet access • Patton Cloud Orchestrated • Customizable WebWizard, Web-based GUI HTTP/HTTPS access, CLI Telnet/SSH • Secure Auto-Provisioning (Zero Touch) with built in root CA • Separate config domain (LAN side config and WAN side config) • TR-069 (CWMP-ACS), TFTP, HTTP, HTTPS configuration & firmware up- and download • Radius, TACACS+ • SNMPv3 agent—MIB II and private MIB • Built-in diagnostic tools
Power	16–32 port: Single power supply, Secondary optional for redundancy • 110–230 VAC via external power supply • 20–59 VDC internal power supply Consumption: Coming soon 48–128 port: Redundant, internal power • 110–230 VAC • 12–60 VDC Consumption: Coming soon
Dimensions & Packaging	19-in. rack-mount chassis • 1U: 16–32 ports • 2U: 48, 64 ports • 3U: 72, 96 ports • 4U: 128 ports
Environment	• Operating temperature: 32 to 104°F (0 to 40°C) • Operating humidity: up to 90%, non-condensing)
Safety & Compliance	• EMC compliance: EN55022 and EN55024 • Safety compliance: EN 60950 • CE compliance • FCC Part 15 Class A • TBR21 (FXS) • RoHS • ITU-T K.21 protection (FXS ports)*

Ordering

- Rack ears are included in every SN4740
- RJ21 connectors are all 50-pin

of RJ21 connectors (50pin only)

16 port	1
24 port	1
32 port	2
48 port	2
64 port	3
72 port	3
96 port	4
128 port	6

Number of Ports	Connector Type	Surge Protection (K.21)	Power Input
v	v	v	v

#	Model #	Description	Availability
1	SN4741/128JS128VSP/RJ11-21/R48	SmartNode VoIP Gateway, 128 FXS on RJ11&6xRJ21-50pin, K.21 basic surge protection, 128 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
+ Accessories			

2	SN4741/128JS128VSP/RJ11-21/RUI	SmartNode VoIP Gateway, 128 FXS on RJ11&6xRJ21-50pin, K.21 basic surge protection, 128 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
3	SN4741/128JS128VSP/RJ21/R48	SmartNode VoIP Gateway, 128 FXS on 6xRJ21-50pin, K.21 basic surge protection, 128 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		
4	SN4741/128JS128VSP/RJ21/RUI	SmartNode VoIP Gateway, 128 FXS on 6xRJ21-50pin, K.21 basic surge protection, 128 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
5	SN4741/16JS16V/RJ11/EUI	SmartNode VoIP Gateway, 16 FXS on RJ11, 16 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 8 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	General Availability
	 Accessories		
6	SN4741/16JS16V/RJ11/R48	SmartNode VoIP Gateway, 16 FXS on RJ11, 16 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 8 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power (Optional)	Pre-Order Available
	 Accessories		
7	SN4741/16JS16V/RJ21/EUI	SmartNode VoIP Gateway, 16 FXS on RJ21-50pin, 16 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 8 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	Pre-Order Available
	 Accessories		
8	SN4741/16JS16V/RJ21/R48	SmartNode VoIP Gateway, 16 FXS on RJ21-50pin, 16 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 8 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power (Optional)	Pre-Order Available
	 Accessories		
9	SN4741/16JS16VSP/RJ11/EUI	SmartNode VoIP Gateway, 16 FXS on RJ11, K.21 basic surge protection, 16 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 8 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	General Availability
	 Accessories		
10	SN4741/16JS16VSP/RJ11/R48	SmartNode VoIP Gateway, 16 FXS on RJ11, K.21 basic surge protection, 16 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 8 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power (Optional)	Pre-Order Available
	 Accessories		
11	SN4741/16JS16VSP/RJ21/EUI	SmartNode VoIP Gateway, 16 FXS on RJ21-50pin, K.21 basic surge protection, 16 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 8 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	Pre-Order Available
	 Accessories		
12	SN4741/16JS16VSP/RJ21/R48	SmartNode VoIP Gateway, 16 FXS on RJ21-50pin, K.21 basic surge protection, 16 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 8 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power (Optional)	Pre-Order Available
	 Accessories		
13	SN4741/24JS24V/RJ11/EUI	SmartNode VoIP Gateway, 24 FXS on RJ11, 24 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	General Availability
	 Accessories		
14	SN4741/24JS24V/RJ11/R48	SmartNode VoIP Gateway, 24 FXS on RJ11, 24 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power (Optional)	Pre-Order Available
	 Accessories		
15	SN4741/24JS24V/RJ21/EUI	SmartNode VoIP Gateway, 24 FXS on RJ21-50pin, 24 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	Pre-Order Available
	 Accessories		

16	SN4741/24JS24V/RJ21/R48	SmartNode VoIP Gateway, 24 FXS on RJ21-50pin, 24 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power (Optional)	Pre-Order Available
	 Accessories		
17	SN4741/24JS24VSP/RJ11/EUI	SmartNode VoIP Gateway, 24 FXS on RJ11, K.21 basic surge protection, 24 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	General Availability
	 Accessories		
18	SN4741/24JS24VSP/RJ11/R48	SmartNode VoIP Gateway, 24 FXS on RJ11, K.21 basic surge protection, 24 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power (Optional)	Pre-Order Available
	 Accessories		
19	SN4741/24JS24VSP/RJ21/EUI	SmartNode VoIP Gateway, 24 FXS on RJ21-50pin, K.21 basic surge protection, 24 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	Pre-Order Available
	 Accessories		
20	SN4741/24JS24VSP/RJ21/R48	SmartNode VoIP Gateway, 24 FXS on RJ21-50pin, K.21 basic surge protection, 24 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power (Optional)	Pre-Order Available
	 Accessories		
21	SN4741/32JS32V/RJ11/EUI	SmartNode VoIP Gateway, 32 FXS on RJ11, 32 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	General Availability
	 Accessories		
22	SN4741/32JS32V/RJ11/R48	SmartNode VoIP Gateway, 32 FXS on RJ11, 32 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power	Pre-Order Available
	 Accessories		
23	SN4741/32JS32V/RJ21/EUI	SmartNode VoIP Gateway, 32 FXS on 2xRJ21-50pin, 32 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	Pre-Order Available
	 Accessories		
24	SN4741/32JS32V/RJ21/R48	SmartNode VoIP Gateway, 32 FXS on 2xRJ21-50pin, 32 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power	Pre-Order Available
	 Accessories		
25	SN4741/32JS32VSP/RJ11/EUI	SmartNode VoIP Gateway, 32 FXS on RJ11, K.21 basic surge protection, 32 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	General Availability
	 Accessories		
26	SN4741/32JS32VSP/RJ11/R48	SmartNode VoIP Gateway, 32 FXS on RJ11, K.21 basic surge protection, 32 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power	Pre-Order Available
	 Accessories		
27	SN4741/32JS32VSP/RJ21/EUI	SmartNode VoIP Gateway, 32 FXS on 2xRJ21-50pin, K.21 basic surge protection, 32 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Single External UI power (100–240 VAC), Redundant Power Supply (Optional)	Pre-Order Available
	 Accessories		
28	SN4741/32JS32VSP/RJ21/R48	SmartNode VoIP Gateway, 32 FXS on 2xRJ21-50pin, K.21 basic surge protection, 32 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, Optional Transcoding (max. 16 calls), 2x Gig Ethernet, 1x USB, 1x Console, Redundant 48V DC Power	Pre-Order Available
	 Accessories		
29	SN4741/48JS48VSP/RJ11-21/R48	SmartNode VoIP Gateway, 48 FXS on RJ11&2xRJ21-50pin, K.21 basic surge protection, 48 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		

30	SN4741/48JS48VSP/RJ11-21/RUI	SmartNode VoIP Gateway, 48 FXS on RJ11&2xRJ21-50pin, K.21 basic surge protection, 48 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
31	SN4741/48JS48VSP/RJ21/R48	SmartNode VoIP Gateway, 48 FXS on 2xRJ21-50pin, K.21 basic surge protection, 48 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		
32	SN4741/48JS48VSP/RJ21/RUI	SmartNode VoIP Gateway, 48 FXS on 2xRJ21-50pin, K.21 basic surge protection, 48 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
33	SN4741/64JS64VSP/RJ11-21/R48	SmartNode VoIP Gateway, 64 FXS on RJ11&3xRJ21-50pin, K.21 basic surge protection, 64 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		
34	SN4741/64JS64VSP/RJ11-21/RUI	SmartNode VoIP Gateway, 64 FXS on RJ11&3xRJ21-50pin, K.21 basic surge protection, 64 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
35	SN4741/64JS64VSP/RJ21/R48	SmartNode VoIP Gateway, 64 FXS on 3xRJ21-50pin, K.21 basic surge protection, 64 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		
36	SN4741/64JS64VSP/RJ21/RUI	SmartNode VoIP Gateway, 64 FXS on 3xRJ21-50pin, K.21 basic surge protection, 64 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
37	SN4741/72JS72VSP/RJ11-21/R48	SmartNode VoIP Gateway, 72 FXS on RJ11&3xRJ21-50pin, K.21 basic surge protection, 72 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		
38	SN4741/72JS72VSP/RJ11-21/RUI	SmartNode VoIP Gateway, 72 FXS on RJ11&3xRJ21-50pin, K.21 basic surge protection, 72 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
39	SN4741/72JS72VSP/RJ21/R48	SmartNode VoIP Gateway, 72 FXS on 3xRJ21-50pin, K.21 basic surge protection, 72 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		
40	SN4741/72JS72VSP/RJ21/RUI	SmartNode VoIP Gateway, 72 FXS on 3xRJ21-50pin, K.21 basic surge protection, 72 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
41	SN4741/96JS96VSP/RJ11-21/R48	SmartNode VoIP Gateway, 96 FXS on RJ11&4xRJ21-50pin, K.21 basic surge protection, 96 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		
42	SN4741/96JS96VSP/RJ11-21/RUI	SmartNode VoIP Gateway, 96 FXS on RJ11&4xRJ21-50pin, K.21 basic surge protection, 96 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		
43	SN4741/96JS96VSP/RJ21/R48	SmartNode VoIP Gateway, 96 FXS on 4xRJ21-50pin, K.21 basic surge protection, 96 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant 20-59V DC power	Pre-Order Available
	 Accessories		
44	SN4741/96JS96VSP/RJ21/RUI	SmartNode VoIP Gateway, 96 FXS on 4xRJ21-50pin, K.21 basic surge protection, 96 VoIP Calls, upgradeable to eSBC (max. 200 SIP calls), Optional SIP-TLS/SRTP, 2x Gig Ethernet, 1x USB, 1x Console, Redundant Internal UI power (100–240 VAC)	Pre-Order Available
	 Accessories		

Item Number	Item Description	Price
SVC-SmartCare-BH (/support/support.asp)	Premium Support for Business Hours	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartCare-24/7 (/support/support.asp)	Premium Support, 24 x 7 Coverage	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-BH (/support/support-professional.asp)	Business Hour Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-AH (/support/support-professional.asp)	After Hours Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR1 (/support/support-warranty.asp)	1 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR2 (/support/support-warranty.asp)	2 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR3 (/support/support-warranty.asp)	3 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR4 (/support/support-warranty.asp)	4 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR5 (/support/support-warranty.asp)	5 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR2 (/support/support-warranty.asp)	2 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR3 (/support/support-warranty.asp)	3 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR4 (/support/support-warranty.asp)	4 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR5 (/support/support-warranty.asp)	5 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-NETENG-HOUR (/support/support-professional.asp)	Network technician hour rate for pre-config services, after hours support, etc.	Contact us (/howtobuy/) for availability and pricing.

Links

Software Comparison (/products/smartnode_software.asp)

Certifications

Patton Devices Not Vulnerable to Meltdown and Spectre Side-Channels Attacks (/certifications/Patton-Meltdown-Spectre-Statement.pdf)

January 4, 2018

Metaswitch Interoperability Partner Certificate (/certifications/metaswitch-interop-partner-cert.pdf)

September 18, 2015

Unify OpenScape Technology Connectivity Certification for SmartNode Products (/certifications/Unify-OpenScape-Technology_Connectivity_Certification_1.pdf)

August 13, 2015

Letter of Validation - SmartNode Trinity 3.X & BroadWorks 20.0 / 20.sp1 (/certifications/BroadSoftValidationAnnouncement-Patton-SmartNode-Trinity.pdf)	April 16, 2015
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Data Sheets

SmartNode SN4740 Datasheet (/datasheet/SN4740_datasheet_50000050.pdf)	May 19, 2020
SmartNode SN4740 Datasheet (A4 page size) (/datasheet/SN4740-A4_datasheet_50000050.pdf)	May 19, 2020
Patton Product Life Cycle Color Codes (/datasheet/Life-Cycle-Availability-Codes.pdf)	April 24, 2015

Product & Solution Guides

SmartNode Product Line Overview (/guides/07SNPLO-OV_50000010.pdf)	August 25, 2020
Vodia IP Solutions Overview (/guides/50000024_VODIA-SOV.pdf)	June 25, 2019
How to migrate voice services smoothly over NBN (/guides/07MVSBN-SOL.pdf)	October 31, 2018
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- **2012 Internet Telephony Excellence Award** (/company/newsrelease.asp?id=2341): VoIP Gateways & Routers (/products/product_detail.asp?id=5)
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- **2009 Internet Telephony Excellence Award** (/company/newsrelease.asp?id=1736): SmartNode 4630 BRI So Digital VoIP Router (/products/product_detail.asp?id=329)
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- **2007 Unified Communications Product of the Year** (/company/newsrelease.asp?id=1268): SmartNode 4650 Digital G.SHDSL VoIP IAD (/products/product_detail.asp?id=358)
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