



PulseTEL IP PBX Telephone System



Adtran Netvanta POE Ethernet Switch/Router



Quantum VoIP Gateway Analog or Digital



SNOM VoIP Phones

Pulse has designed a new IP Based Phone system with the small-to-medium business customers in mind. The PulseTEL system provides advanced phone system/PBX features such as Voicemail, Auto Attendant, Caller ID, Voice Recording and much more. The PulseTEL system can utilize traditional phone lines (so customers can keep their existing phone numbers, 911 services, etc.) and take advantage of new low-cost VoIP telephone providers to terminate calls nationally or worldwide.

Because the system runs over standard Ethernet, companies no longer need two sets of cabling throughout the office to support both voice and data, they can be combined into one! The Adtran NetVanta switch/router combination provides power to the SNOM VoIP phones via the Ethernet network. Since the SNOM VoIP phones have a secondary Ethernet port, there is no need to run additional cabling for computers.



911
E911

Emergency Services

Management
Access

Worldwide access
and Management

Service
Support
Installation

Pulse provides all the
services you need

Pulse, Inc.
www.pulsewan.com
voip@pulsewan.com

Toll Free (USA):
1-888-785-7393

International:
1-951-694-1173

Contact Pulse Today

Long distance and international calls just became less expensive. The PulseTEL system allows your company to access new low cost VoIP service providers. Instead of sending long distance and international calls over expensive telephone land lines, the PulseTel system will send calls over the Internet to your provider of choice. If you lose your Internet connection, no problem, the PulseTEL system will send the call over traditional land lines.

Your home office and traveling personnel can have full access to the PulseTEL system. Just provide your employees with a SIP adapter, SIP phone or software SIP phone and they have complete functionality as though they were using the phone in the office!

Main Features:

- Full Featured IP PBX telephone system
- Advanced PBX Features
- Optional Call Center features
- SIP Based
- NAT Traversal
- Analog or Digital Phone Lines
- Voicemail
- IVR and Auto Attendant
- Call Conferencing
- Hunt Groups
- Call Recording
- Supports up to 50 users in a single system
- Scalable with multiple systems
- Secure with HTTPS, SIPS and SRTP
- Runs on Windows or Linux



Voicemail

Voicemail

Auto Attendant

Professional Greetings
To your customers

SIP Based

Future proof standard

Pulse, Inc.
www.pulsewan.com
voip@pulsewan.com

Toll Free (USA):
1-888-785-7393

International:
1-951-694-1173

Contact Pulse Today

Software for PBXnSIP:

- PBXnSIP
- SME 100, SME or PRO
- Linux or Windows

Hardware for PBXnSIP:

- 256 MB available main memory
- 850 MHz processor or better (number of calls depends on processor speed)
- • Microsoft® Windows® 2000, XP or Server 2003
- • Debian, SuSE and RedHat Linux images
- available (without installation support)

Supported Protocols for PBXnSIP:

- • SIP (RFC 3261-3265, 3325, 3515, 3581, 3842, 3891, 2976, 3326, 4235), SDP (RFC 2327), others
- • RTP (RFC 1889, 2833), SRTP (RFC 3711)
- • TLS (RFC 2246), STUN (RFC 3489), TFTP (RFC 1350), DNS (RFC 2782, 2915), others
- • SNMP (RFC 1157), HTTP/HTTPS (RFC 2616, 2617), others

Adtran Netvanta POE Ethernet Switch:

- 802.3af PoE switches (15.4 watts per port)
- Provides up to 370 watts of power
- Optional integral Router
- Non-blocking switching capacity: 8.8 Gbps - 24 Ports
- Power provided over data pair for PoE
- 1U, 19-inch rackmount metal enclosure
- 1.7" H, 17.2" W, 12" D
- Auto-ranging power (100-250 VAC, 50-60 Hz)

Quintum VoIP Gateway:

- Analog or Digital voice ports
- 2, 4, 8, 16, 24 or 48 Ports Analog
- 1, 2, 4, 8 E1 or T1 Ports Digital
- CAS or CCS, R2, PRI
- FXO or FXS
- T.38 Fax Support
- SIP or H323—(sip used in PulseTEL)
- Answer and Disconnect Supervision
- Voice algorithms: G.723.1a, G.729ab, G.711
- Auto Codec Negotiation
- QoS Support
- AC Power: 100-240 Volts AC, 50/60 Hz
- Operating temperature: 40°-104° F (5°-40°C)
- Operating humidity: 20% - 80% non-condensing

SNOM VoIP Phone:

Models 300:

- Two-line display (2x16 characters)
- 27 keys, 7 LEDs
- 6 programmable function keys
- 2 Ethernet ports
- 4 SIP registrations ("lines")
- Headset connection
- SIP RFC3261
- Security: SIPS/SRTP, TLS
- STUN, ENUM, NAT, ICE
- Codecs: G.711, G.729A, G.723.1, G.722, G.726, GSM 6.10 (Full rate)

Continued on next page —>

Secure

HTTPS, SIPs and SRTP

NAT Traversal

Built in Session Border

Windows Linux

Take your choice

Pulse, Inc.
www.pulsewan.com
voip@pulsewan.com

Toll Free (USA):
1-888-785-7393

International:
1-951-694-1173

Contact Pulse Today

Model 320:

- two-line display with graphical field
- 47 keys, 13 LEDs
- 12 programmable function keys
- Speakerphone
- Dual Ethernet connection
- Power over Ethernet
- Headset connection
- SIP RFC3261
- Security: SIPS/SRTP, TLS
- STUN, ENUM, NAT, ICE
- Codecs: G.711, G.729A, G.723.1, G.722, G.726, GSM 6.10 (Full rate)
- National Language Support

Model 360:

- Tilttable graphical display (128x64 pixels)
- 47 keys, 13 LEDs
- 12 programmable function keys
- Speakerphone
- Dual Ethernet connection
- Power over Ethernet
- Headset connection
- Additional keypads with 42 programmable function keys
- SIP RFC3261
- Security: SIPS/SRTP, TLS
- STUN, ENUM, NAT, ICE
- Codecs: G.711, G.729A, G.723.1, G.722, G.726, GSM 6.10 (Full rate)
- National Language Support

Ordering:

Popular Configurations:

PART# PT-8-4A-320-SME100

Includes Server, PBXnSIP software, Netvanta 24 port POE switch, Quintum 4 port Analog Gateway and 8 SNOM 320 phones.

PART# PT-12-4A-320-SME100

Includes Server, PBXnSIP software, Netvanta 24 port POE switch, Quintum 4 port Analog Gateway and 12 SNOM 320 phones.

PART# PT-16-8A-320-SME100

Includes Server, PBXnSIP software, Netvanta 24 port POE switch, Quintum 8 port Analog Gateway and 16 SNOM 320 phones.

PART# PT-23-8A-320-SME100

Includes Server, PBXnSIP software, Netvanta 24 port POE switch, Quintum 8 port Analog Gateway and 23 SNOM 320 phones.

PART# PT-23-T1-320-SME100

Includes Server, PBXnSIP software, Netvanta 24 port POE switch, Quintum single T1 Gateway and 23 SNOM 320 phones.

PART# PT-23-E1-320-SME100

Includes Server, PBXnSIP software, Netvanta 24 port POE switch, Quintum single E1 Gateway and 23 SNOM 320 phones.

PART# PT-46-2T1-320-SME100

Includes Server, PBXnSIP software, (2) Netvanta 24 port POE switch, Quintum dual T1 Gateway and 46 SNOM 320 phones.

For any other configurations, please call, fax or email Pulse.