

BroadTaIX™ VIP2000

SIP IP-PBX for SMB Networks

The BroadTaIX VIP2000 allows VARs and Service Providers to offer SIP based VoIP to their Small and Medium Business customers in a highly scalable and cost effective solution.

The VIP2000 combines complete IP-PBX features with standards based SIP for a telephony solution that can stand alone or integrate with existing phone systems. There is no requirement to replace current analog PBX infrastructure. As a result, VoIP will be viewed as attainable by more businesses, providing greater opportunities for resellers to offer VoIP as part of their portfolio.

The VIP2000 emphasizes open architecture, scalability and higher Return on Investment. The rack mount appliance supports up to 200 extensions with a stackable architecture that scales up to 800 extensions. Standard SIP phones, including the BroadTaIX VIP200, are fully interoperable with auto-configuration support. The multi-service platform provides full routing, firewall and gateway functions with support for VPN, SIP server/registrar and PBX applications.

As the central manager for a distributed IP telephony solution, the VIP2000 provides call control, auto-attendant, voice conferencing, and seamless PSTN access integration. Application programming is multi-lingual and feature rich.



Features and Benefits

Complete VoIP Solution - Integrates all the features necessary for turn-key VoIP deployment in an SMB network, including SIP Proxy and Registrar, PBX, Auto-Attendant, Voice Mail and Conferencing.

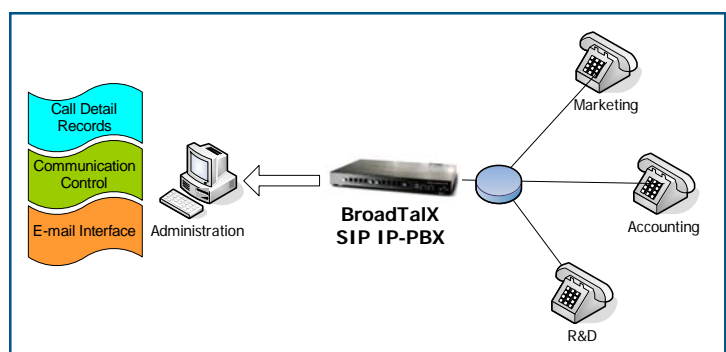
Scalability Purpose-Built for SMB - Appliance platform supports up to 200 extensions and 50 concurrent calls, with stackable design that allows up to four appliances to aggregate 800 extensions.

Intelligent NAT and Firewall - Includes full NAT routing with discovery and NAT traversal functions that simplify session control and subscriber mobility.

ISDN and Legacy PBX Interface - Dual module slots support up to 8 FXO ports for PSTN line inputs and analog PBX integration.

Open St.075 standards - supports SIP compliant handsets, including the BroadTaIX VIP200 SIP phone. Linux based OS insures overall interoperability in a multi-vendor environment.

Centralized Administration - Secure Web based administrative interface providing Call Detail Records, extension status display, event and firmware management.



SIP Features

- Static and Dynamic Registration
- Call-based MD5 authentication
- NAT traversal for clients
- Outbound proxy with and without WAN
- Inter-proxy call hand-off
- Auto-configure of SIP phones / ATA

PBX Features

- Call hold / call waiting / 3 way conference
- In-line call transfer
- Forwarding - unconditional / unavailable / busy
- Per number forwarding and rejection
- Group based call pick-up
- Call parking
- Multi-room meet-me conferencing
- FXO disconnection tone detection
- QoS queuing support
- Music on hold
- Echo cancellation
- Outbound 900/0204 blocking

Meet Me Conferencing

- Multiple rooms - configurable number and PIN
- Up to 24 parties per conference
- Hot key to leave conference
- Music on first dial in

Specifications

| | |
|-------------|--|
| Capacity | 200 extensions 50 concurrent calls with RTP Stackable up to 800 extensions |
| Platform | Intel IXP425 Linux OS 2GB storage |
| Management | Secure Web access (HTTPS) Flat system event syslog Extension status display TFTP server and repository Network Time Protocol (NTP) and Real Time Clock setting |
| Standards | Voice: SIP 2.0, G.711, G.726, GSM, G.723.1 (5.3, 6.3 Kbps), G729A (8Kbps) Routing: TCP/IP, NAT, DNS, DHCP, HTTP, HTTPS, PPPoE, QoS, 802.3, 802.3u, TFTP |
| Interface | LAN: one - 10/100Base-Tx (MDI/MDIX) WAN: one - 10/100Base-Tx (MDI/MDIX) Telephony: 2 slots - FXO module (Quad port) |
| Environment | Operating Temperature: 0 - 50°C (32 - 122°F) Humidity: 10-95% non-condensing |
| Dimensions | 1U rack appliance |
| Power | 100-240VAC, 50/60Hz |
| Regulatory | FCC, CE |

Auto Attendant

- Configurable IVR prompts
- Key to reach operator
- Timeout interval and timeout action
- Music on ringing extensions
- Forward to voice mail on on-answer

Voice Mail

- User PIN
- Multi-lingual
- Multi-folder archiving
- 900 minutes recording time
- Fast forward / rewind / undelete
- MWI notification
- E-mail notification
- Personal reception on unavailability and busy
- Voice mail forwarding
- Voice mail to e-mail
- Menu originating reply to call or new call

VoIP Deployment Scenario

