

IP PBX

IPBX 230

IPBX 2500



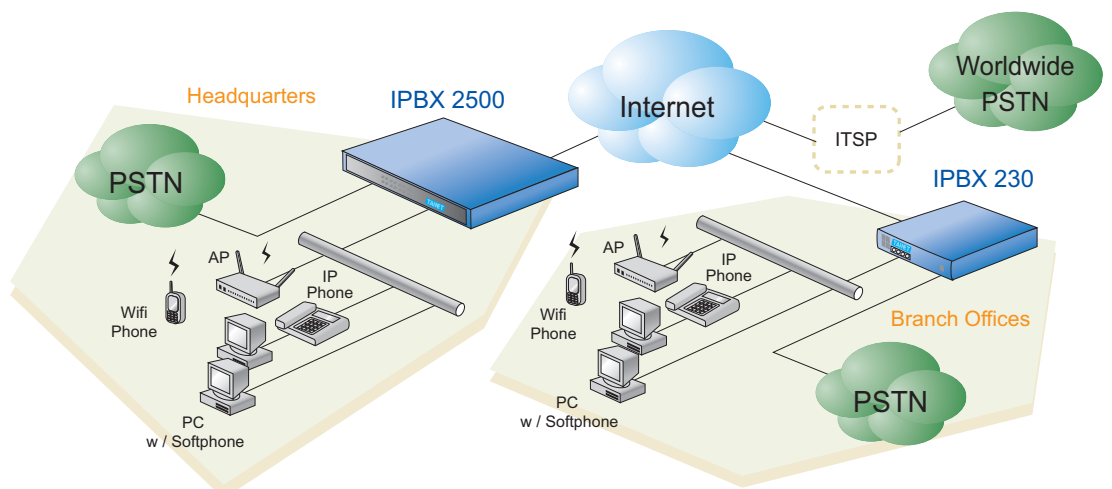
- Support 30/200 extension registrations and equivalent email accounts
- Support 10/50 concurrent calls
- Capability to provide all calling features that traditional PBX has
- Multi-room conference calls
- 3-way conference with feature phones
- Support various types of CPEs e.g. IP phones, soft-phones, WiFi phones*, analog phones**
- CDR and call recording
- Web-based configuration and management

* through Access Point

** through VoIP gateway

In the past, organizations adopt legacy PBX for telephony services. This traditional solution is costly in deployment and maintenance. Since the widespread of network infrastructure and the maturation of IP technology, organizations have upgraded to IP-PBX systems, which merge voice and data information into a single IP network; thus, increasing manageability while reducing communication cost.

Built on a cost-conscious platform, TAINET's IPBX series solution provide a service that integrate IP Telephony and traditional PSTN telecommunication network. Organizations can communicate from worldwide locations via VoIP. It can be greatly cutting back on long-distance and international calling fees. TAINET also provides multi-location PBX integration solutions; PBXs at multiple locations are combined into a single PBX, which simplify communication process between PBXs at different locations while maintaining traditional PSTN telephone functions. As a separate entity under the network of integrated PBXs, each location enjoys independent external-calling functions. Using the existing network architecture, this software allows users to transmit voice, data and video information at a lower rate, while simultaneously making available data-integration, virtual phone, voice mail, video conferencing, e-Business, database access, call-center management, customer relations management, fax service and other data transmission and storage added values.



IP PBX Family

SIP Features

- Static/Dynamic registration
- Registration proxy to external registers
- Configurable PBX Caller ID
- User profile
- NAT traversal for clients
- Outbound proxy with or without WAN
- SIP proxy server
- QoS queuing mechanism for VoIP and data traffic

PBX Features

- Call hold, call waiting, 3-way call conference with feature phones
- Call-parking
- Built-in in-line call transfer
- Unconditional, unavailable, busy call forward
- Per-calling-number forward and rejection
- Group-based call pick-up
- Multi-room meet-me conference
- Call privilege grouping
- FXO interface for PSTN Inbound/Outbound
- FXO disconnection tone detection
- FXO hunting group
- Caller ID detection
- Echo cancellation In-band/RFC 2833/SIP-INFO DTMF translation
- Inter-PBX SIP trunking
- Intra-PBX stackable trunking over Ethernet (IPBX 2500 only)
- Call admission control for wired/wireless phones
- Music on hold
- Direct line
- Outbound specific numbers blocking
- Advance Call Distribution (IPBX 2500 only)

Auto Attendant

- Configurable IVR prompts
- Key to reach operator
- Timeout interval and timeout action
- Music on ringing extensions
- Forward to voice mail on no-answer

Voice Mail

- User PIN
- Multilingual
- Multi-folder archive
- Fast-forward/Rewind/Undelete
- MWI notification
- E-mail notification and attachment (Unified messaging)
- Personal reception on unavailability and busy
- Voice mail forwarding

Meet-me Conference

- Multiple rooms with configurable number and PIN
- Music on first dial-in party
- Hot key to leave conference
- Maximum 24 parties in one conference room

NAT

- Auto NAT discovery and traversal
- Built-in STUN client
- RTP proxy
- RTP port range designation

Administration

- Web-based configuration
- System event syslog
- Call Detail Record (CDR)
- Extension status display
- TFTP server and TFTP repository maintenance
- Network Time Protocol time synchronization
- Real Time Clock setting
- DHCP server with multiple partitions, per-MAC IP binding, list of options
- Configurable time zone
- Firmware upgrade through Web interface

Network Management

- DHCP/PPPoE/Static IP on WAN
- LAN IP and netmask specification
- NAT for outbound traffic from LAN
- DNS and dynamic DNS

Models

IPBX 2500 :

- 200 extension registrations and equivalent voice mail accounts
- 50 concurrent calls with RTP
- 8 analog ports for PSTN lines
- 2.5" HDD for storage

IPBX 230 :

- 30 extension registrations and equivalent voice mail accounts
- 10 concurrent calls with RTP
- 4 analog ports for PSTN lines
- Flash memory stick for storage

