



VoIP Collaboration Bridge



The Internet Telephony has come a long way and is getting ingrained in enterprise networks at an ever increasing pace. Almost all PBX vendors have either equipped their legacy TDM PBXs with IP interfaces or are adding new IP PBXs to their product line up. The enterprise network managers are either capping the growth of legacy PBXs with the hybrid PBXs or outright replacing them with IP PBXs. In greenfield situations the trend is pre-dominantly to go towards an IP PBX.

One of the main advantages of an IP PBX is peer-to-peer call routing. In this case, the IP PBX is only responsible for call related signaling. After signaling is complete, the bearer voice path is set up directly between the end devices over the LAN or the Internet, thereby eliminating need for 'voice ports' on a PBX.

XOP Networks has extended the 'peer to peer' call routing concept to its VoIP based Digital Collaboration Bridges, called DCB-i. Besides providing VoIP based audio conferencing, these products also support VoTDM interfaces for connectivity to the PSTN. With both interface types supported, the product can be used for all IP conferencing or mixed mode IP and TDM conferencing.

XOP Networks' DCB-i also supports web conferencing. Together audio conferencing and web conferencing running on the same system, provide an in-house collaboration solution that can boost employee productivity while significantly reducing dollars spent on respective outsourced services.

Audio Conferencing Features

- ❖ Reservation-less meet-me calls
- ❖ Reservation-based meet-me calls

- ❖ Enhanced Firebar with find-me – Emergency dial-out conference calls
- ❖ DNIS based conference room selection
- ❖ PIN based conference room selection
- ❖ Microsoft Outlook based scheduling
- ❖ Web Portal based scheduling
- ❖ Flexible participant selection
- ❖ Email notifications for scheduled calls
- ❖ Voice reminders with acknowledgement
- ❖ Personal and enterprise wide Address book
- ❖ Personal and system wide 'call groups'
- ❖ Vanity PINs
- ❖ Web portal for display of active calls
- ❖ Multiple in-conference controls
- ❖ Conference recording and replay
- ❖ In-conference dial out
- ❖ Conference merging
- ❖ Call activity reports
- ❖ Conference summary report

Web Conferencing Features

- ❖ Reservation less session
- ❖ Reservation based session
- ❖ Application sharing
- ❖ Partial or Full Desktop sharing
- ❖ Instant messaging
- ❖ Private Q&A capability
- ❖ Session Recording and Replay

System Level Features

- ❖ Web portal for administrative functions
- ❖ Secure Logins based on HTTPS
- ❖ Multiple Administrator logins
- ❖ Email customization
- ❖ Web portal customization
- ❖ Usage measurement and reporting
- ❖ Multiple choices for Music on Hold
- ❖ Bulk loading of Address book
- ❖ Custom announcements
- ❖ On demand local and off-site backup and restore
- ❖ SNMP based system monitoring

VoIP Features

- ❖ G.711, G.729, G.723 encoding
- ❖ Inband, RFC2833 or SIP Info based DTMF relay
- ❖ Multiple frame sizes
- ❖ Peer-to-peer call routing with IP PBX
- ❖ SIP or H.323 signaling

Voice Quality

- ❖ Toll quality voice
- ❖ Echo Cancellation (64 ms)
- ❖ Automatic Gain Control
- ❖ Loudest speaker algorithm
- ❖ Raw summation mode
- ❖ Tone clamping

Port Configurations

- ❖ Audio conferencing:
 - Up to 240 VoIP ports (All IP mode)
 - Up to 144 VoIP and 96 VoTDM ports (Mixed mode)
- ❖ Web conferencing: 30 - 90 simultaneous sessions per server
- ❖ Multi-server configurations for larger port sizes

Other Features

- ❖ Built-in firewall
- ❖ Multiple security features
- ❖ Remote software upgrades

System Interfaces

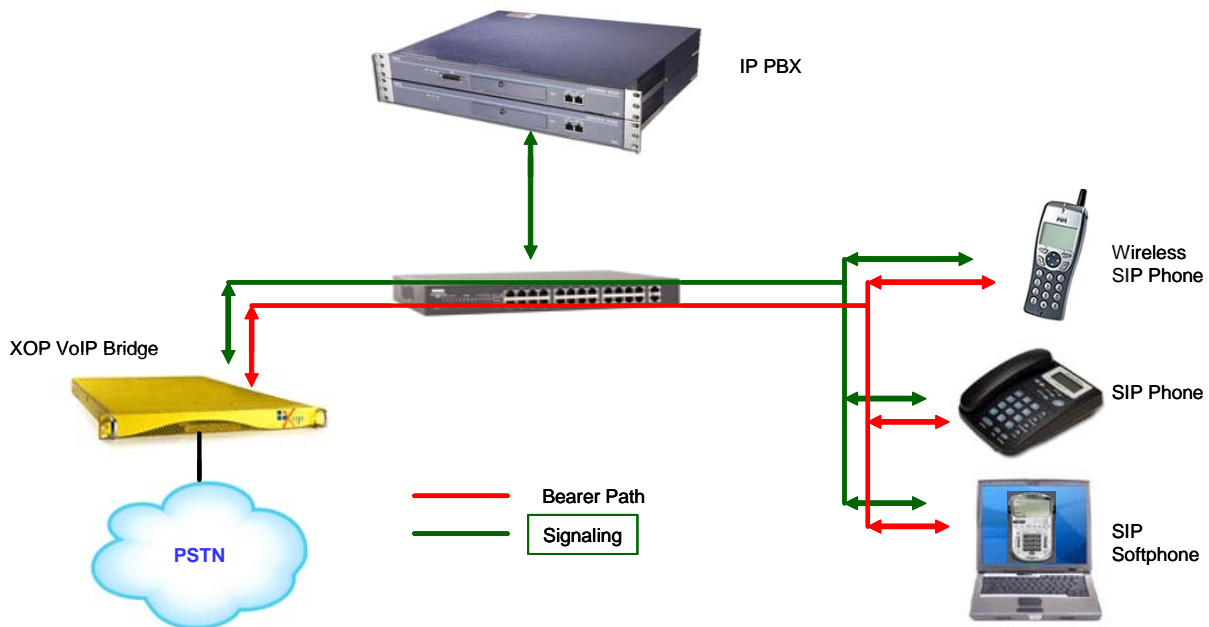
- ❖ 100baseT Ethernet for VoIP
- ❖ T1/ISDN PRI: D4/AMI, ESF/B8ZS, RJ-48c
- ❖ E1/ISDN PRI: G.703, G.704, HDB3, RJ-48c

Chassis

- ❖ 1 Rack Unit High, 19" wide, 26" long, rack mountable industrial grade chassis
- ❖ Dual Xeon CPU, 3.6 GHz, 2GB RAM
- ❖ SATA RAID Mirrored Disks
- ❖ Optional 110 V and -48 V redundant power supplies

Warranty and Support

- ❖ Free One Year hardware and software warranty
- ❖ Optional Extended warranty
- ❖ Optional Maintenance and Support packages



Peer to Peer VoIP Conference Bridging

Please visit our web site for additional product literature

www.xopnetworks.com