

XOP Networks™ Digital Collaboration Bridge™

Technical Data Sheet

Digital Collaboration

The XOP Networks Digital Collaboration Bridge (DCB) is the right choice when deciding to deploy your own advanced conferencing solution. With your own in-house system you are not only allowing employees to be more productive in their interactions with customers, partners and fellow employees, you are also controlling increasing monthly costs associated with outsourced conferencing services.

The Digital Collaboration Bridge allows you to offer your employees not only an advanced but easy to use audio conferencing system, you provide them with web based conferencing and desktop sharing capabilities, all in one easy to use system.

The XOP DCB is an advanced IP application appliance that seamlessly integrates into your existing VoIP or TDM network. Deploying an in house collaboration system is easy with installation and configuration accomplished in under an hour.

Benefits include;

- Better end user experience compared with outsourced service
- Return on investment in 8-10 months or less
- Works with both TDM and VoIP networks
- Clean crisp voice quality
- Use for day-to-day conferencing and for emergency conferencing
- Web based system administration
- Secure conferences
- Record your own webinars



Key considerations when deploying an in house collaboration system;

Scalable: Deploy between 8 and 240 ports, add more capacity as your needs increase

Reliable: Linux based operating system

Integrable: Integrate with TDM or IP based network

Customizable: Brand your system with your own company name and company colors

Manageable: Web based system administration of network resources

Flexible: Conduct multiple conferences concurrently in any configuration

Expandable: Start with Audio and add web and desktop sharing capabilities

Useable: Simple and easy to use features allow for maximum productivity and usage

Adaptable: Control Audio conferences from web based control panel or via phone



XOP Networks
EVERYTHING OVER PACKETS

Audio Conferencing Features

Reservation-less (Ad hoc) Meet Me Conferences
Reservation-based (planned) Meet Me Conferences
Emergency Dial Out Firebar Conferences
DNIS (dialed number) Based Conference Room Selection
PIN Based Conference Room Selection
Moderator Selectable PINs
Microsoft Outlook Based Scheduling
Web Portal Based Scheduling
Email Notification for Scheduled Calls
Voice Reminders with Acknowledgement Response
Personal and System Wide Call Groups
Flexible Participant Selection
Conference Recording and Replay
In-Conference Dial Out to Add Participants
Participant Transfer and Conference Merging
Multiple in Conference Controls

Web Conferencing Features

Reservation Less Session
Reservation Based Sessions
Partial or Full Desktop Sharing
Application Sharing
Instant Messaging Capabilities
Private Q&A Capability
Session Recording and Replay

Voice Quality

Toll Quality Voice
Echo Cancellation
Automatic Gain Control
Loudest Speaker Algorithm
Tone Clamping

System level features

Web Portal for Administrative Functions
Web Portal Customization
Real Time View of Conferences
Play 'Entry Tone' Via PC Speaker
Custom Announcements
Usage Measurement and Reporting
Bulk Loading of Address Books
Call Logs
Secure Logins Based on HTTPS
Multiple Administrator Logins
SNMP Based System Monitoring
On Demand Local and Off Site Backup and Restore
1+1 Hot and Stand By System Configuration

Features / Specifications

Technical Specifications

DCB Port Configurations

The number of ports can be any mix of TDM and VoIP channels
DCB-8, 16, 24, 30, 48, 60, 96, 120, 144, 192, and 240

Protocols

T1 CAS	E&M (Wink Start, Immediate Start)
T1 ISDN	NI-2, 4ESS, 5ESS, DMS250, INS1500, Q.Sig
E1 CAS	Many country specific MFC-R2 variants
E1 ISDN	NET5, DPNSS, DASS32, QSIG
VoIP	SIP, H.323
DTMF Relay	Inband, RFC2833, SIP Info

Interfaces

T1 Telephony Interface	DSX-1
Impedance	100 Ohm
Framing	SF (D3/D4), ESF For ISDN
Line Coding	AMI, B8ZS
Connector	RJ-48C on Front Bracket
E1 Telephony Interface	CEPT E1
Impedance	120 Ohm balanced
Framing	CCITT G.704 with CRC4
Line Coding	HDB3
Connector	RJ-48C on Front Bracket
VoIP Interface	100BaseT Ethernet, RJ-45
Encoding formats	G.711, G.729, G.723

Server Specifications

1U, 2U or 4U standard 19" rack mountable industrial grade chassis
SATA RAID 1 Mirrored Disks
Power: 110-240 VAC, 47-63 Hz, 600 Watts max
-48 V power supply (optional)
Redundant power supplies (optional)
Weight: 30 Kg

Operating Requirements

Operating Temperature	+ 0 deg Celsius to 50 deg Celsius
Storage Temperature	-20 deg Celsius to 70 deg Celsius
Humidity	8% to 80% non-condensing

Hardware Warranty: One year included

Software Maintenance: Basic and advanced packages available

© 2007 XOP Networks, Inc. All rights reserved. XOP, XOP Networks, the XOP Networks logo, DCB and Digital Collaboration Bridge are all trademarks of XOP Networks, Inc.

XOP Networks
5508 West Plano Parkway
Suite B
Plano, Texas 75093
972.590.0200

www.xopnetworks.com