

# 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 480 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

**Secure:** Tamper-proof, designed for military standards



## 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-xxx Port Configurations

The number of ports can be any mix of TDM and VoIP.  
Number of ports: 8 through 480 per chassis.

### 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" x 30" 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: 20-40 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

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