

# Interwise Connect™

## Unlimited Voice, Web and Video Conferencing for the Enterprise

Interwise Connect is an all-software, native IP-based application that delivers unlimited voice, Web and video conferencing for one fixed price. Designed for the unique needs of mid- to large-sized enterprises, Interwise Connect differs from other conferencing products by employing a unique, distributed media server architecture that delivers enterprise-grade scalability, reliability, security and bandwidth efficiency together with the most flexible deployment options.

### Unique Business Value

Interwise Connect transforms voice, Web and video conferencing from separate point applications used by only a small percentage of employees into a single, enterprise-wide communication tool that you can afford to give to everyone in the company, like email. This approach:

- Extends the proven cost savings and productivity benefits of conferencing to all employees in the company, not just a select few;
- Empowers innovation throughout the organization, enabling employees to create new ways to speed time to market, improve quality and strengthen customer relationships.

### Unique Technology

Over the past ten years, Interwise has developed industry-leading technology and architecture to make the vision of "Unlimited Conferencing" a reality. This innovation is designed specifically for the unique needs of mid- to large-sized enterprises in the areas of scalability, performance, security, integration and administration.

### Enabling Architecture: Interwise's Multimedia Softbridge™

Interwise's Multimedia Softbridge™ is a proven, all-software, distributed media server architecture that efficiently routes, bridges and manages integrated data, video and voice streams across multiple sites in real time. Even better, it leverages your current investments in both TDM and IP infrastructures.

### Enterprise-Class Scalability, Reliability and Performance

Interwise Connect can handle thousands of voice conferences, web meetings, online training sessions, web seminars, large all-hands broadcasts and other events simultaneously:

- Dynamically provisions communication servers in real time for virtually unlimited scalability;

- Accepts additional communication servers running on industry-standard hardware to reach any capacity requirement;
- Ensures high availability with automatic reconnection and intelligent server selection.

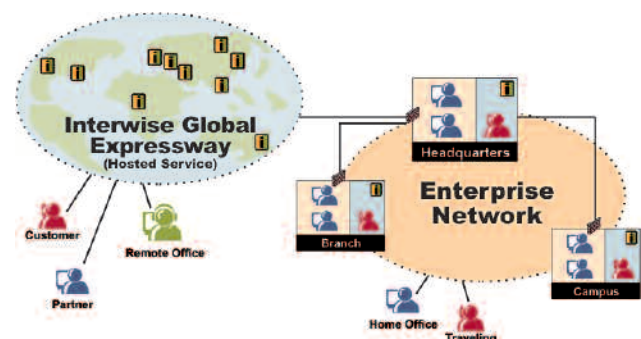
### Flexible Deployment Options

In addition to supporting on-site, hosted service, and managed service deployment modes, Interwise offers a unique blended deployment option. Our blended option provides the best of both worlds, combining:

- The cost savings, security, and control benefits of on-site software;
- The rapid start-up, geographic coverage, overflow and fail-over protection of a global hosted service.

This unique combination lets you:

- Put conferencing on-site where greater usage volumes exist;
- Utilize our hosted service for smaller offices and traveling users;
- Change the mix of on-site and hosted access over time as your needs change;
- Manage both components as a single, integrated conferencing application.



Blended deployment provides the best of both worlds: Customer's on-site deployment extended by Interwise Global Expressway

## Enterprise-Grade Security

Interwise Connect delivers the highest level of security for your voice and Web conferences:

- Meetings and related materials can stay entirely behind your firewall;
- End-to-end SSL encryption ensures privacy of your data;
- User-based authentication for both Web *and* voice conferences—either automatically through integration with LDAP and single sign-on systems, or manually using individual user IDs and passwords;
- Closed meetings and events can be limited to invited and registered users of the system;
- Reverse proxy support is built in to every system component, for secure inclusion of external participants;
- Full visual participant monitoring prevents hidden listeners, with the ability to challenge and expel unknown or unwanted participants.

## Unparalleled Bandwidth Efficiency Combined with the Highest Quality Voice

Interwise Connect offers the best bandwidth utilization on the market, requiring on average only 35Kbps per session for VoIP participants and 5 Kbps for regular telephone (TDM) users. Our ten years of experience delivering VoIP communications gives you the highest quality VoIP-based audio available today, even in low-bandwidth environments. Interwise achieves this remarkable performance through:

- **Downstream Efficiency:** Only one real-time data stream is transmitted between any two communication servers regardless of the number of participants. This provides multicast-like efficiency and scalability even on a network that is not multicast enabled;

- **Upstream Efficiency:** Our Voice Activity Detection (VAD) implementation eliminates the transmission of data during silence, reducing bandwidth consumption by 50% or more compared to other solutions;
- **Intelligent Monitoring:** Interwise Connect dynamically monitors and optimizes each individual participant's experience;
- **QoS Support:** Network- and application-level quality of service (QoS) support.

## Integrated with Your Enterprise IT Infrastructure and Applications

You've invested seriously to support your business with best-in-class technologies. Interwise Connect provides open and rich integration with your business applications, IT infrastructure and telephony network so you can leverage those investments in the areas of:

- **Business Applications:** email, scheduling, portals, content management, CRM, ERP, LMS systems, and more;
- **IT Infrastructure:** Directory services; single sign-on; proxies and firewalls; operational support systems; converged networks;
- **Multi-Vendor Telephony Infrastructure:** PBX systems; IP Gateways; TDM and IP phones; PSTN network.

### INTERWISE CONNECT SYSTEM REQUIREMENTS

#### Participant Application:

- Windows 2000 Professional, XP or 2003
- 233 MHz processor
- 64 MB RAM
- Disk Space: 5 MB for application installation; 50 MB set aside for event materials (This setting is configurable.)
- Microsoft Internet Explorer version 6.0 or later, or Firefox 1.4 or later
- At least 800 x 600 resolution, high color (16 bit) display definition
- Broadband or dial-up Internet access, TCP/IP intranet access
- Traditional (TDM) telephone, IP phone, cell phone, headset/microphone or built-in microphone and speakers for audio access and interaction

#### Interwise Server(s):

- Windows 2003 Server
- 1.8 GHz dual processor
- 512 MB RAM

- 5 GB disk space
- Microsoft Internet Information Server (IIS) version 6
- Microsoft SQL Server 2000
- TCP/IP network access

#### Microsoft Outlook / IBM Lotus Notes Add-Ins:

- Microsoft Exchange Server 2000 or 2003, Microsoft Office 2000, XP or 2003
- Lotus Notes Client and Domino Server versions R5.0.6 and above, R6.0.x and R6.5.x.

#### Protocols and Supported Standards:

- IP Networking protocols: TCP/IP, IPMulticast, HTTP, HTTPS, SSL, XML, SMTP, SNMP
- IP Telephony: SIP RFC 3261, SDP RFC 2327, RTP, RTCP, DTMF RFC 2833 (in band)
- Audio codecs: G.711 and GSM 6.10
- Video codecs: H.261, H.263
- Enterprise software standards: LDAP, ODBC, SQL, SNMP, SOAP

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