

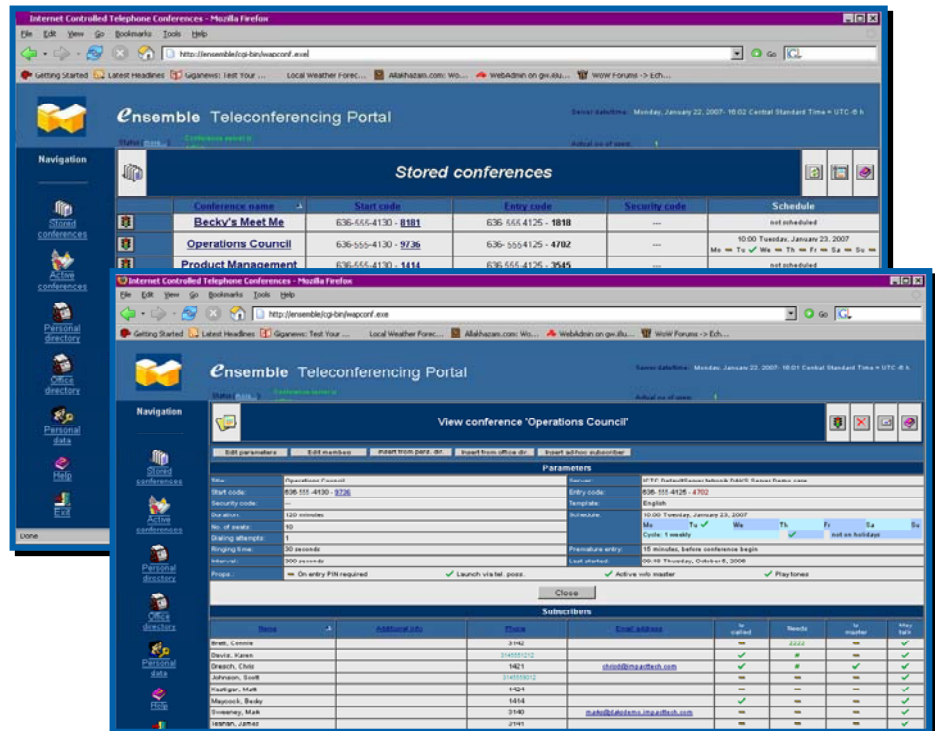
Teleconferencing improves communication, enhances collaboration, and controls costs across the enterprise. It leverages business's simplest and most common communication device – the telephone. Real-time teleconferencing makes enterprises more responsive and more agile. The benefits are well established; teleconferences:

- are as effective, or more effective, than face-to-face meetings in most situations
- tend to be shorter and better organized than face-to-face meetings
- improve productivity and reduce costs through reduced travel time and more efficient communication
- allow faster decision-making and quicker access to additional personnel resources
- allow rapid follow-up meetings to put plans into action
- improve both the quality and frequency of collaboration among geographically dispersed team members
- allow more people to participate in the meeting, heightening commitment to the organization
- can increase profits through market communication opportunities, improved communication with sales people, and a better trained and motivated sales force

FLEXIBLE AND COST EFFECTIVE AUDIO TELECONFERENCING SOLUTION

Enterprises traditionally choose either an outside service provider or an internal solution based on PBX conferencing features. Service provider solutions carry significant network costs, utilization inefficiencies and service usage fees. Embedded PBX solutions generally lack the required scalability, audio quality and flexibility. Ensemble's Audio Teleconferencing Portal combines the best of both, delivering the cost savings benefit of an in-house conferencing solution while providing an easy-to-use web browser user interface, allowing individuals to collaborate whenever business needs demand. Ensemble delivers these benefits with a rich set of application features, including:

- ♦ **Web Browser User Interface** on the Internet and/or Intranet
- ♦ **Meet-Me, Preset and Progressive** Conferences
- ♦ **On-demand, Scheduled and Recurring** time-of-day/day-of-week Conferences
- ♦ **Dial-in** and/or **Dial-out** Conference participation
- ♦ **Conference Operation** via web browser or by telephone
- ♦ **Automatic e-Mail Invitations** for "Meet-Me" Conferences
- ♦ **HTML customization** options for integration with enterprise information portals



SYSTEM FEATURES & SPECIFICATIONS

APPLICATION FEATURES

- Create, edit, start and control individual audio conferences via the Internet or the enterprise Intranet using a web browser
- Automatic generation of invitation e-mails to conferees
- Centralized system administration via LAN-based management tool to:
 - Manage user access rights, privileges and resource allocation
 - Administer accounting and performance metrics

CONFERENCE CONTROL

- Convene the conference:
 - Immediately or at pre-scheduled date and time with reserved conference resources
 - Via web browser or telephone
- Conference attendance via dial-in, user controlled dial-out to conference participants, or a combination of both
- Conference attendance with or without access protection via security codes or individual PIN identification for conference members
- User guidance by means of recorded announcements, text output to display phones, and audible tones
- During an active conference, from the web browser a user can:
 - Monitor the state of the conference
 - Connect additional conferees
 - Disconnect active conferees
 - Grant and withdraw speaking privileges
 - Extend and/or terminate the conference
 - Identify who is speaking

SYSTEM CAPACITIES

- 500 Users with individual rights profiles, phone books and conference sets (expandable to 15,000 Users)
- 50 Conferences per user (can be reduced by system administrator)

- 60 Participants per Conference (expandable to 480, depending on system size)
- Up to 160 simultaneously active Conferences (depending on system size)
- Up to 480 voice channels to the enterprise PBX

ARCHITECTURAL FEATURES

- Scalable multi-tier deployment architecture:
 - Client (user) access via Java enabled web browsers on standard PCs – no client software installation or maintenance
 - Application Server (web, application and database services) hosted on a standard, Microsoft Windows workstation or server
 - High capacity Voice Conferencing Servers controlled via LAN API connection from the Application Server and connected to the enterprise PBX via 1 to 16 T1/E1 PRI links
- No allocation of public network or service provider facilities for internal or “on net” conferences
- Editable HTML pages – allows customization of UI appearance to complement enterprise portal styles or preferences
- LDAP directory interface for office directory
- Low power design, with a typical power consumption of 30 Watts

VOICE CONFERENCING SERVER SPECS

- Shielded cPCI frame and H.110 bus architecture in 3U EIA 19” form factor as table top or rack-insert solution
- Linux operating system
- Discrete DTMF detection and announcement playback
- Very high quality conferencing with integrated high-performance conference coupling field
- Very high availability – 400,000 hours MTBF typical
 - No moving parts
 - Non-volatile/non-magnetic storage
 - Fail-safe DC power supply from the PBX battery or optional AC power supply and UPS



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