IGC

EMBLAZE VCON
Video Made Easy

Audio Conferencing Bridge for Remote Group Communication

Advantages of Deploying an IGC Audio Conferencing Network

- Interactive group, Meet Me, and Broadcast conferencing

- All participants have individual control over their conferencing experiences

- Add data conferencing to any audio conference using WebEx® or Emblaze-VCON WebShare

- Ad-hoc conference initiation from any phone, networked computer or wireless PDA

- Individual web access to all registered users for ad-hoc and pre-scheduled calls

- Auto dial-out for fast convergence of conference participants

- Pre-notification preference (e-mail/phone/SMS)

- Compatible with most communication devices and network topologies

- Thin client control application requires no installation

Emblaze-VCON's Interactive Group Communication System is the first interactive audioconferencing system that truly simulates the environment of all participants being in the same room. All participants have individual control to enhance their own conferencing experiences. By allowing all remote participants to have unique conference control, the IGC directly reduces callbacks, prvides tools necessary for faster decision-making and assists in simulating same-room communication dynamics. The IGC provides participants with an affordable alternative to conferencing service providers and the ability to increase productivity with individual control and unique audio conferencing features.

Easy Data Conferencing

With Emblaze-VCON's IGC, users can easily add data conferencing to any audio conference. There are many benefits to adding data conferencing to an audio conference. Adding a visual dimension is often crucial to getting a point across, having a decision made, or clearly illustrating what is being discussed. With the IGC, users have two options for data sharing. Emblaze-VCON's WebShare technology allows users to click the "data share" button on IGC's web-based user interface. They then select the document to share and it is instantly transmitted to all the other users in the conference. For users who prefer a hosted data conferencing solution, the IGC interface also has a button that activates a WebEx data conference. Either way, sharing data during an IGC audio conference is simple and effective.

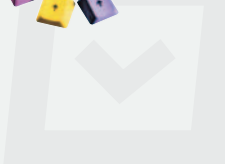## Advanced Applications and Content Delivery

The IGC is built on patented IMiniControl™ (Individually Managed Interactive Control) technology. This technology offers the unique ability for each participant to manage concurrent streams of audio over a single audio channel. A software-based media mixing algorithm allows for fast and easy feature enhancements. A speech recognition-based user interface via VXML offers an intuitive user interface for interactive speech. A user can simply press a key on the phone to verbally command the system to initiate a whisper to a participant, and increase or lower participant volume.
Additionally, the IGC's architecture supports multiple audio streams over a single audio channel, allowing a custom solution to be built to support selective

Configurations

The IGC is available for both T1 and E1 environments. Scalability of the T1/PRI configuration on a single server ranges from 24 to 288 ports and the E1/PRI configuration on a single server ranges from 30 to 180 ports. Multiple clustered servers can be configured to achieve even higher scalability. A stack of servers can be configured to logically appear as a single conferencing system.

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Specifications

Audio Conferencing Features
Interactive Group Conferencing
Whisper
Side bar
Individual volume control
Active speaker indication
External calls
Data conferencing
Team consultation
Personal consultation
Cross-media instant messaging
Expand conference size
Address book dialing
Microsoft® Outlook® call initiation
Touch-tome call control
PDA client (Palm OS, Blackberry, Blackberry J2ME)

Meet Me Conferencing
Conference ID access
Web-based client
Whisper
Side bar
Individual volume control
Active speaker indication
Cross media instant messaging

Broadcast Conferencing
"Large Town Hall" conferencing
Bulk & single participant enrollment
Role assignments (moderator, speaker, listener)
Moderator control over listener participation
Active speaker indication
Moderator-controlled Q&A session
Conference recording

Call Detail Records
Reporting
Billing

Hardware
TDM Interfaces & Protocols
T1, E1, ISDN Trunks
Includes 4ESS TR41449/TR41459
Supports leading PBXs from Mitel, Nortel, Avaya, and others

LAN Interface
10/100 Mb/s Ethernet

Size
19" rack mount 2U & 5U configurations
Multiple storage options and power configurations for exceptional high-density reliability and flexibility

Capacity-2U Server
Up to 144 T1 robbed bit ports
Up to 69 TI-ISDN PRI ports
Up to 90 E1 ports
Up to 50 servers may be clustered to create one single logical server

Capacity-5U Server
Up to 288 T1 robbed bit ports
Up to 138 TI-ISDN PRI ports
Up to 180 E1 ports
Up to 50 servers may be clustered to create one single logical server

Data Conferencing
Emblaze-VCON WebShare
Desktop sharing
Application window sharing

WebEx
Launch WebEx conference from IGC call manager
No unique WebEx login required
No WebEx conference ID required

Audio
High-quality ITU-T G.711 Ulaw, Alaw
Tone clamping
Software-based, upgradeable signal processing

System and Management
Reliability and Scalability
Intrinsic redundancy with near-zero overhead
Load balancing
Web-based management
Account management
Class of service management
Supports multiple logical systems on a single physical installation
Flexible billing and reporting system
Compiled, scripted open applications language

Scheduling
Web-based
Single-time or recurring
Self-administered
Dial-in and dial-out conferences

Conference Security
Account & PIN
Conference number & PIN
Web ID & PIN
Entry and exit named announcements
E-mail, call and SMS scheduled pre-notifications

Safety/Regulatory
Argentina IRAM
China GB4943 (CCC certification)
Europe, CE Mark EN60950 (compiles with 73/23/EEC)
Germany GS license
International IEC60950 (CB report and certificate)
Nordic Countries EMKO-TSE (74-SEC) 207/94
Russia GOST 50377-92
U.S., Canada UL-60950 - CSA 60950 (UL and cUL)

Languages
English
French
German
Spanish

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POWERED BY WebEx