

VCON Interactive Group Communication System 2000 (IGC 2000)

Affordable audio conferencing for remote group communication

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
- Outlook call initiation
- Touch tone call control
- PDA client (Palm OS, Blackberry, Blackberry J2ME)

Meet me conferencing

- Dial in using conference ID
- 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

The VCON Interactive Group Communication System 2000 (IGC 2000) is the first interactive audio conferencing system that truly simulates the environment of all participants being in the same room. Each participant has individual control to enhance their own conferencing experience. By allowing all remote participants to have unique conference control, the IGC 2000 directly reduces callbacks, provides tools necessary for faster decision making and assists in simulating same room communication dynamics. The IGC 2000 provides participants with an affordable alternative to conferencing service providers and the ability to increase productivity with individual control and unique audio conferencing features.

- Each participant has individual control over their conferencing experience
- Add data conferencing to any audio conference using WebEx® or 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 (email/phone/SMS)
- Compatible with most communication devices and network topologies
- Thin client control application requires no installation

Easily add data conferencing

With VCON's IGC 2000, 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. VCON's WebShare technology allows users to click the "data share" button located on the web-based IGC 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 will activate a WebEx data conference. Either way, sharing data during an IGC audio conference is simple and effective.

Advanced applications and content delivery

The IGC 2000 is built on patented IMinControl™ (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 2000's architecture supports multiple audio streams over a single audio channel, allowing a custom solution to be built to support selective addition of streaming audio content.



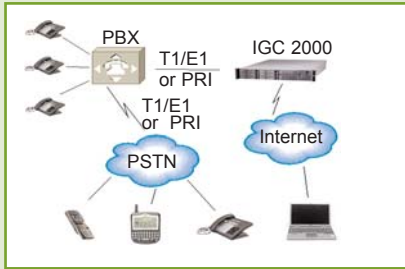
The IGC 2000 simulates the same room communication environment for interactive group conferences and gives each participant individual control over their conferencing experience.

IGC 2000

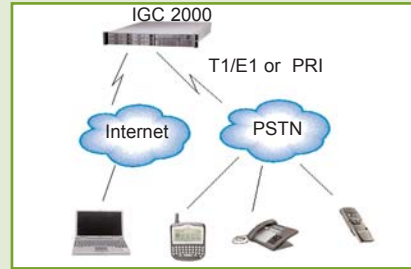
Configurations

The IGC 2000 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.

PBX connected



PSTN connected



Specifications

Hardware

TDM Interfaces & Protocols

T1, E1, ISDN Trunks
Including 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 T1-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 T1-ISDN PRI ports
Up to 180- E1 ports
Up to 50 servers may be clustered to create one single
logical server

Data Conferencing

VCON WebShare
Share desktop
Share application window

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 & Management

Reliability & 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 & reporting system
Compiled, scripted open applications language

Scheduling

Web-based
One time only or recurring
Self administered
Dial-in & dial-out conferences

Conference Security

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

Safety/Regulatory

Argentina IRAM
China GB4943 (CCC certification)
Europe, CE Mark EN60950 (complies 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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