

Video Conferencing



The benefits of real-time collaborative communication offered by video conferencing represent a significant edge in today's competitive markets. Most solutions require expensive proprietary hardware/ software and users are severely limited by the types of video-enabled devices they can use, especially if they are mobile. So, for years, video conferencing has been only for a select few. Video Conferencing from Movius changes all that. Employing state-of-the-art carrier grade IP technology, it allows any user with a video-enabled device (wireless, wired, broadband) to participate in a real-time collaborative video conference — all for a remarkably low cost.

Up to eight video and 100 audio-only attendees can participate in a conference, and the intuitive GUI controls require virtually no learning curve.

All the Benefits of Video Conferencing & More

The simplicity and elegance of Movius' Video Conferencing solution enables moderators/participants to have complete control of the conferencing experience. Conferences can easily be scheduled, modified or cancelled using an intuitive Web interface in combination with automated E-mail notification and reminders to all participants. No operator intervention is required!

Participants enjoy the same level of administrative and participant convenience, flexibility and control they now have with traditional on-site meetings, including the ability to choose:

- Media (video, audio, Web and collaboration)
- Content
- Role (listen/watch-only, active participant, presenter, lecturer)
- General Q&A and voting sessions (open and closed question and voting queues preview questions, select/reject questions, review voting results)
- Private communication (side conferences, text chat or private "whisper" conversations between identified parties)

Powerful, Easy to Use Graphical User Interface

Video Conferencing features an advanced Web interface with a variety of powerful options that give both attendees and moderators unprecedented control and flexibility. An icon

appears for each video-enabled attendee, indicating s/he is ready to participate. Moderators can make on-the-fly reservation modifications and can make changes to participants' status such as hide/mute, increase/decrease volume as needed. If the moderator does change the status of an attendee (including muting and other options), a prompt will be played to the participant indicating the change. And, depending on pre-defined settings, participants who arrive prior to the moderator can join the conference, although they will not have access to the moderator features.

Effective Video Templates

The interface offers "templates" that determine how participants will be seen. These templates are chosen in advance by the moderator. If the moderator does not choose a template, the system will automatically select one based on attendee criteria. The positions are filled on a first-come, first-served basis with position "1" assigned to the active speaker. The 4-party template features VAS (Video Activated Switching) Rank with speaker highlighting that shows a border around the active speaker. The 8-party template also features VAS, with position "1" provided to the active speaker. The moderator can also lock any participant into a given position. The templates enhance the conference experience as every attendee is able to effectively participate.

Features That Ensure the Perfect Conference

Similar to an audio conference, Video Conferencing comes with features that facilitate successful conferences. Participants/moderators can "mute" audio, video or both as needed. If video muting is chosen the attendee will appear in a different color than the active participants. The moderator can make an out call during the conference and, if reached, the caller will appear as a participant if s/he has a video-enabled device. A lecture mode allows only the specific speaker (moderator or participant) to be visible with all other positions blacked out. An audio-only participant can also be a lecturer, with the text "Audio Participant" appearing in lieu of a visual. If the moderator wishes a side conference with a video-enabled participant, the conversation would be audio only. Both will return to video once the discussion is completed.

If needed, attendees can easily find assistance either by accessing the help menu or by pressing "0" for an in conference operator (connected via audio only). When an operator logs into the system an ad hoc conference will be created. After the query is resolved, the operator puts the participant back to the conference, and the attendee will follow the same path as that of a new conference participant.

Technology That Sets the Standard

Conferencing works in conjunction with Movius' carrier-grade Media Servers and Application Server, and can be easily configured to provide a rich set of multi-lingual conferencing features from 100 to thousands of ports. Unique digital processing technology minimizes background noise and delivers audio quality far superior to traditional conference bridges, regardless of the number of participants in the conference. The system effortlessly integrates with existing IP, TDM or converged infrastructures, and adheres to industry standards for outstanding interoperability. VoIP calls are enabled by SIP and MGCP, and support G.711, G.729, G.723, GSM and other audio compressions. H.263 is supported for video. Security is enhanced through support of SSL and secure tunneling through firewalls. And APIs provide a standard interface to enable simplified billing and application integration.

Service Provider Benefits

- Hardened platform delivers high availability
- Leverages existing IP, TDM, and converged infrastructures
- Turnkey solution drives faster time to market and ROI
- CDR generation for detailed feature and usage billing
- SIP and MGCP support for VoIP
- SMTP support for messaging
- SNMP support for troubleshooting
- SSL encryption and firewall support
- Customizable for any language
- Can be easily re-branded for greetings, Web, E-mail and collaborative interfaces
- Allows allocation of port resources and conference feature assignments by organizations within a system
- Ideal for hosted or managed service offerings

Conference Moderator Controls

- Self-serve, Web-based moderator interface with optional data collaboration and white boarding
- Video, audio-only, video-audio-Web and collaboration conference options
- Schedule meeting via Web, Outlook or from customized portals
- Schedule, modify, and/or delete, ad hoc or recurring meetings

- Upload existing contacts to subscriber address book
- Automated E-mail notifications and reminder messages to all participants
- Set unique or generic (or no) security access codes for participants
- Lock/unlock conference
- Roll call — get attendee count or listen to names recorded at conference entry
- Dial out to add or contact absent participants
- Set up meetings to automatically call all participants to start the meeting
- Control individual participant mode (active or passive)
- Control individual participant volume
- Mute or disconnect individual participants
- Enable presentation sharing, collaboration and white boarding
- Hold private whisper (side conference) conversations
- Private text chat with other participants
- Open and close the question or voting process — preview and select questions and see results
- Extend meeting or increase number of participants via phone or Web interfaces
- Request help or assistance, if needed, from a system-assigned operator

Participant Environment

- Supports any Web browser on Microsoft Windows, Macintosh OS or UNIX platforms
- Schedule meeting via Web, Outlook or from customized portals
- Receive E-mail notification and reminder messages through Microsoft Outlook
- Supports access from any PSTN, wireless or IP phone (must be video-enabled and H.324M compatible for video participation)
- Listen-only or active participant options
- Private text chat with other participants
- Volume/mute line control
- Signal request to ask question
- Pre-register for a conference via Web-based interface

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