

Polycom® VoicePlus

Full featured PSTN and VoIP conferencing

Benefits

Full featured voice conferencing – PSTN, VoIP and mixed PSTN/VoIP conferences

Flexible conference support – Easily supports on-demand, unattended, and attended conferences

Unique portal integration – VoicePlus and Polycom WebOffice™ Conferencing Portal provides unique integration of voice conferencing, Web collaboration and Instant Messaging

Multipoint and gateway – Multipoint PSTN, VoIP and mixed PSTN/VoIP conferences and PSTN-to-VoIP gateway conferences on the same MGC™

Secure VoIP Conferencing – The MGC platform has a unique ability to work in parallel with a firewall and process all VoIP (H.323 & SIP) calls between the internal and external network. This ensures that the existing firewall does not have to be reconfigured but VoIP (H.323 & SIP) calls can be completed

Transcoding – Full automatic Transcoding of all audio algorithms and network protocols

Unique multimedia solution – Easy upgrades to add full integration with Polycom WebOffice and ISDN and IP video, in the same conference, on the same MGC platform

Polycom VoicePlus is the only voice conferencing solution that can support full featured PSTN and VoIP conferencing today, and be easily upgraded to support Web collaboration and video conferencing, whenever it is needed in the future.



Flexibility to deploy what is needed, when it is needed and ease of support are major benefits that the customer gets with Polycom VoicePlus. Flexibility and ease of support for a mix of attended, unattended and ad hoc scheduling and conferencing services results in more productive conferences with the level of service best suited to the end user and conference application.

Migrating from PSTN to VoIP conferencing is easy with Polycom VoicePlus. Support PSTN, VoIP and PSTN/VoIP conferences today and simply add the resource modules needed to support changing demand for network support in the future. Polycom VoicePlus can be easily upgraded to support ISDN and IP video conferencing, in the same chassis.

Your voice conferencing choice to access the power of Polycom unified collaborative communications solutions.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.



Connect. Any Way You Want.

Introducing SilenceIT

SilenceIT automatically detects noisy lines or music on hold and mutes those participants. Participants are notified if they have been muted. Using IVR/DTMF, the participants can rejoin the conference one of 4 ways:

- Unmute and rejoin
- Adjust the SilenceIT algorithm and rejoin the conference unmuted
- Disable the feature and rejoin unmuted
- Rejoin muted

SilenceIT is a conference level setting and can be selected only if IVR is enabled

Audio Support

- G.711a, G.711u, G.722, G.723.1, G.728, G.729a

Network Interface Support

- 10/100 Ethernet
- 2 PRI Interfaces, T1/E1
- 4 PRI Interfaces, T1/E1
- 8 PRI Interfaces, T1/E1
- 2 T1 CAS Interface
- 4 T1 CAS Interface
- 8 T1 CAS Interface

MGC-25 Chassis Dimensions

- Height 2U
- Width 19 inches
- Depth 17.5 inches
- Power 100-240 VAC, 50/60Hz

MGC-50 Chassis Dimensions

- Height 40.8 cm (16 inches)
- Width 38.1 cm (15 inches)
- Depth 50.2 cm (19 inches)
- Optional 19-inch rack mount kit
- 8 Slot Chassis Power
 - 120-230 VAC, 50/60 Hz

MGC-100 Chassis Dimensions

- Height 40.8 cm (16 inches)
- Width 58.4 cm (23 inches)
- Depth 50.2 cm (19 inches)
- 16 Slot Chassis Power
 - 3 load sharing 110-240 VAC, 50/60 Hz, -48 DC
 - Redundant power supplies, optional
- NEBS Level 3 Compliance with special-order systems

8 and 16 Slot Chassis Environment

- Operating Temp 10° to 40° C (50° to 104° F), 3400 BTU per hour
- Storage Temperature -40° to 70° C (-40° to 158° F)
- Relative Humidity 15% to 90% noncondensing
- Operating Altitude Up to 3,000 m (10,000 ft)
- Storage Altitude Up to 12,000 m (40,000 ft)
- Operating ESD +8kV
- Storage ESD +15kV
- Storage ESD +15kV

Additional VoicePlus Features

Leading-edge technology built on a proven, award-winning platform – the Polycom MGC

- Flexible conferences - features are set at the conference level, not the system level

- Highly scalable solution solves both enterprise and high-capacity service provider requirements
- Dynamic scaling allows dynamic conference size for scaling on-demand
- QoS on IP-based networks through DiffServ and IP precedence
- Drag and drop creation of subconferences or break-out sessions

Conference Quality Features

- SilenceIT automatically mutes noisy line and music on hold in an unattended conference
- Noisy line detection eliminates unwanted distractions
- Request attendant help during a conference
- Transcodes voice and video capabilities to ensure optimum conference quality for each user
- Integrated echo cancellation eliminates unwanted feedback

Security

- PIN code access and conference lock ensures secure conference access and integrity
- Enter conference only when the conference chairperson is present
- Conference entry and exit tone notification
- Roll call plays the participant's name upon entry and exit
- Attendant managed access for participant greeting and verification
- Dial out to defined numbers eliminates unwanted entry
- Certified integrated firewall for VoIP to VoIP connectivity
- CLI validation for predefined dial-in participants

Reservations

- Support for all conferencing modes attended, unattended, scheduled, and on-demand
- Mixed media participant means participants using voice, video, and data over IP or circuit switched networks can take part in the same conference
- Web-based control for remote conference management
- Email integration for automatic conference notification to all participants

Conference Control

- Volume control and voice mix depth can be adjusted to suit individual requirements and environments
- DTMF and multilingual IVR functionality for easy navigation and control for voice and video participants
- Voting, polling, and roll call for voice and video participants
- In-conference event notification and attendant assistance for easy navigation and control for voice and video participants
- Automatic conference termination and extension for efficient conferencing and resource use

Basic VoicePlus Features

- Create/start/terminate conference
- Connect/disconnect party - dial-in, manual dial-out, and blast dial-out
- Mute/unmute/set participant's volume
- DTMF detection
- IVR service messages (voice prompts)
- Entry/exit/end time Alert tones
- Set voice mix depth
- Conference auto terminate and auto extend
- Recording Flag
- Automatic allocation of conference passwords
- Optionally allow duplicate conference password allocation
- Visual indication, for the attendant, of the current speaker within a conference
- Enables the attendant to easily escort a new participant into his conference
- Up to 16 dial-in numbers per conference
- Noisy line detection
- Conference email notification with WebCommander™
- Automatic gain control

Unattended VoicePlus Conferencing Features

- On-demand conferencing with Meeting Rooms and PIN code access or customer data base validation of on-demand request for conference services
- Entry Queue
- Undefined number of conference parties
- Attendant assistance
- Mute incoming parties
- Unattended conference security:
 - Conference password
 - Data base check of conferencing privileges and billing codes
 - Conference leader PIN code needed to start the conference
 - Conference lock by leader
 - Entry/exit tones
 - Conferences end when chairperson leaves
 - Roll Call
- SilenceIT

DTMF VoicePlus Features

- Mute/unmute/mute 'all-but-me'
- Put/release conference on hold
- Lock conference
- Request attendant assistance
- Increase/decrease self volume
- Provide billing code
- Voting/polling
- Question and Answer sessions
- Dial out to invite
- Help menu of DTMF options
- Roll call review names
- Enable/disable roll call
- Change password
- Secure/unsecure conference
- Terminate conference

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Polycom Headquarters:

4750 Willow Road, Pleasanton, CA 94588 (T) 1.800.POLYCOM (765.9266) for North America only.
For North America, Latin America and Caribbean (T) +1.925.924.6000, (F) +1.925.924.6100

Polycom EMEA:

270 Bath Road, Slough, Berkshire SL1 4DX, (T) +44 (0)1753 723000, (F) +44 (0)1753 723010

Polycom Asia Pacific:

Polycom Hong Kong Ltd., Rm 1101 MassMutual Tower, 38 Gloucester Road, Wanchai, Hong Kong, (T) +852.2861.3113, (F) +852.2866.8028

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