

Polycom[®] VoicePlus

Full featured PSTN and VoIP conferencing



Highlights

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

Flexible deployment – Easily supports reservationless, unattended, and attended conferences

Integrated Web collaboration – Launch a VoicePlus conference from a WebOffice window

Secure VoIP conferencing – Through integrated firewall capability

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

Unique multimedia solution – Easy upgrades to add full integration with 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 be integrated with Web collaboration and video communications, all on the award-winning MGC platform. It enables voice, video, gateway, and firewall capabilities within the same system, supporting both narrow and wideband audio algorithms.

This highly scalable solution solves both enterprise and high-capacity service provider requirements, so your system can scale on demand to handle any size meeting. A common management suite is tailored to suit your individual requirements. Creating subconferences or breakout sessions is as easy as drag and drop. To give you added flexibility, conferencing features are set at the conference level, not the system level. Polycom VoicePlus easily supports reservationless, unattended, or attended conferences, and its integrated firewall enables secure, Voice-over-IP conferencing.

The voice conferencing choice for The Polycom Office[™]

With integrated video, voice, data, and Web capabilities, The Polycom Office is the only solution that offers you an easy way to connect, conference, and collaborate any way you want. The Polycom Office is our commitment to making distance communications as natural and interactive as being there. Work faster, smarter, and better with Polycom VoicePlus and The Polycom Office.



Video Voice Data

Connect. Any Way You Want.

Polycom VoicePlus Specifications

Audio support

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

Network interface support

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

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
- 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 breakout sessions

Conference quality features

- **Noisy line detection** eliminates unwanted distractions
- **Request attendant help** during a conference
- **Transcodes** audio 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 ad hoc
- **Mixed media participant** means participants using audio, video, and data over IP or circuit switched networks can take part in the same conference
- **Web based control** for remote conference management
- **E-mail integration** for automatic conference notification to all participants

Conference control

- **Volume control and audio mix depth** can be adjusted to suit individual requirements and environments
- **DTMF and multilingual IVR functionality** for easy navigation and control for audio and video participants
- **Voting, polling, and roll call** for audio and video participants
- **In-conference event notification** and attendant assistance for easy navigation and control for audio 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 (audio prompts)
- Entry/exit/end time Alert tones
- Set audio 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 e-mail notification with WebCommander
- Automatic gain control

Unattended VoicePlus conferencing features

- Meeting rooms – meet-me-per-conference
- Entry Queue
- Undefined number of conference parties
- Attendant assistance
- Mute incoming parties
- Unattended conference security:
 - Conference password
 - Conference leader PIN code needed to start the conference
 - Conference lock by leader
 - Entry/exit tones
 - Conferences end when chairperson leaves
 - Roll Call

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
- Invite participants by chairperson
- Help menu of DTMF options

System capacity

- Up to 860 ports in a single chassis

Conference Scheduling and Management

- **MGC Manager** - Powerful system operator tool to support conferences and system administration
- **WebCommander** - Web browser based end user tool to schedule and manage conferences, includes Microsoft Outlook interface

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