

Polycom VideoPlus

Product Features And Benefits

Feature

Benefits

VideoPlus H.320 and H.323 Conferencing

- Simultaneous support for fully featured:
 - H.320 video conferences
 - H.323 video conferences
 - Mixed H.320/H.323 conferences

- Connect any video endpoint to the conference, regardless of network
- Lower costs of ownership to support H.320 and H.323 video conferencing

- Polycom VideoPlus supports:
 - Wideband 14Khz audio
 - 30 frames per second video
 - 60 fields per second video
 - 264+ video
 - IP error resilience
 - Dynamic Jitter Buffer for minimum "lip synch"
 - Reduced video delay

- Audio and video quality that creates a "meeting at a distance" that is natural, close to being there.

- Polycom VideoPlus supports The Polycom Office in H.320, H.323 and mixed H.320/H.323 conferences:
 - "One Dial"
 - "Conference On-Demand"
 - WebOffice integration
 - People+Content

- "Point and click" end user access to multipoint and gateway conferencing is now a reality
- Polycom's vision for The Polycom Office drives the development of integrated conferencing solutions that will continually deliver more productive and intuitive conferencing capabilities to the customer.
- Unique capability to choose between robust, integrated content delivery and collaboration options that best fits the requirements of the conference.

Flexible Conferencing Options

- Attended, unattended and ad-hoc conferencing support for voice and video conferences

- Voice and video conferencing customers can be offered the same conference service level support

- Integrated Polycom WebOffice collaboration for voice and video conferences

- A Polycom WebOffice user can start a voice or video conference with one mouse click

- ISDN and IP video conferences are supported with any of 27 CP layouts with customizable video borders, speaker highlight and background colors

- ISDN and IP video conferences can support the same flexible application-specific CP capabilities in separate or mixed conferences
- Continuous presence conferences are more productive for all conference participants

- Custom IVR messages in any language can be selected at the conference level for voice, video and unified conferences

- IVR message services can be defined that specifically address the customer and/or the conference application requirements



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VideoPlus Platforms

- Enterprise MGC 50
 - Custom platform configurations
 - Scalable upgrade path for conferencing features and capacity
 - Hot swappable, self-configuring resource modules
- Service provider MGC 100
 - Custom platform configurations
 - Scalable upgrade path for conferencing features and capacity
 - Hot swappable, self-configuring resource modules
 - Hot swappable, redundant power supplies
- Workgroup MGC 25
 - Plug-N-Play installation
 - Set, feature rich platform configurations
 - Same operating system and system technologies built into the MGC 50 and MGC 100

- Proven system reliability in over 1,000 MGC installations
- Flexible deployment options on a choice of workgroup, enterprise and service provider platforms
- Easy manage a single of multiple MGCs in a centralized or distributed network
- Easy upgrade and migration path, when you needed

- Full, automatic transcoding
- MGC 25, MGC 50 and MGC 100
 - Audio Algorithms G.711, G.722, G.722.1, G.723, G.728, Siren 7, Siren 14
- MGC 50 and MGC 100
 - Networks – IP/H.323, ISDN/H.320
 - Network Speed – 128kbps up to 2Mbps
 - Resolution - QCIF or CIF
 - Video Algorithms – H.261, H.263, H.264+
 - Frame Rate - 7.5fps - 30fps – 60 fields per second
 - Data Rates - 6.4 - 46.4Kbps MLP 64 - 128Kbps HMLP
 - Endpoints connect at their optimal capability

- Easy conference set-up
- Increased reliability of conference connection
- Less support headaches

- Shared hardware and software resources to support H.320 and H.323 video multi-point and gateway conferences.

- Leverages conference and network resources across video conferences without requiring duplicate resources and customer investment
 - MGC platform
 - MGC operating system
 - Audio resources
 - Video resources
 - T.120 resources
 - Virtual Conference Suite
 - MGC Manager
 - WebCommander

- Built on the proven Polycom MGC hardware and software technologies.

- Ensures high system reliability, business quality conferencing performance, and easy administration and support.

- Firewall Gateway to support secured IP video conferences

- IP resources used to support IP video conferences are also used to support secured IP firewall gateway video calls

- QoS support at the IP packet and network levels to support voice and video conferences

- Improved quality of IP packet data streams and QoS network support means enhanced IP video and audio

- MGC Call Detail Records, conference reports and billing

- All voice and video conferencing activity is captured in the MGC CDR
- Conference and billing reports can be generated for voice and video conferences with one application

Feature

Benefits

Conferencing Management Applications

- Polycom's MGC Manager is a powerful tool to manage a single or multiple MGCs, provide attended scheduling and conference management support and to diagnose and resolve system and conference alarms.

- System and conference support productivity is increased
- System up time and availability is increased

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- Polycom's WebCommander is a browser based interface that the end user can use to schedule and manage video and conferences.

- Unattended scheduling and conference management are easy to implement and control
- Support costs are reduced

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- Click&View

- Video participants have control of their video experience at their finger tips
- Continuous presence conferences are more productive for all conference participants
- Does not require any upgrade to video endpoints

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- IVR/DTMF interface to VoicePlus conferencing features from any voice or video endpoint

- Unique video and unified conferencing capabilities for productive participant interaction and sharing of content, not just "talking heads"
- Does not require any upgrade to video endpoints

System And Conference Security

- Polycom's MGC Manager is a single point of control of operator authorizations to perform system administration functions

- System level security is easy to set up and control

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- WebCommander is a single point of control of end user authorizations to schedule and manage conferences

- Conference security is easy to set up and control

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- User profiles can be established for authorized end users to utilize conferencing services on the Unified Conferencing Bridge

- Any unauthorized participant in a conference that does not have an end user profile can easily be identified using either MGC Manager or WebCommander

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- Conferences can be set-up for an attended greeting for each participant as they enter the conference entry queue.

- Unauthorized entry into a conference can be prevented by the conference attendant.

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- Conferences can be set up to generate an entry and exit tone when participants enter and leave a conference.

- Conference participants can be requested to identify themselves as they enter a conference

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