

# Polycom® Unified Conferencing

## Product Features And Benefits

### Feature

### Benefits

#### Unified Conferencing

- Polycom Unified Conferencing seamlessly brings together conference participants into a unified, robust conferencing experience
  - Regardless of communications media, voice and video
  - Regardless of network, PSTN, ISDN and IP
  - Polycom Voice*Plus* conferencing features, voice and video
  - IVR/DTMF and Polycom WebCommander end user interfaces

- Unique capability to support feature rich conferences of mixed voice and video endpoints having the same conferencing experience.
- Multipoint conferencing capabilities that adds 'must have' value and productivity to the conference.

- Simultaneously supports fully featured:
  - PSTN voice conferences
  - VoIP conferences
  - ISDN video conferences
  - IP video conferences
  - Unified ISDN/IP video and PSTN/IP voice

- Unique ability to provide conferencing support, regardless of the communications media capabilities or type of network.
- Unique capability to manage the migration from switched to IP networks for voice and video, when it is needed.

- Polycom Unified Conferencing supports The Polycom Office™:
  - 'OneDial'
  - 'Conference On-Demand'
  - Polycom Web*Office* 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.

- Polycom Unified Conferencing supports:
  - Wideband 14Khz audio
  - 60 FPS video
  - 264+ video
  - IP error resilience
  - Reduced video delay

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



# Polycom Unified Conferencing Features and Benefits

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### Unified Conferencing Platform

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| <ul style="list-style-type: none"><li>• Polycom Voice<i>Plus</i> and the ViewPlus multipoint and gateway conferencing solutions can all be supported on a single Polycom MGC-25, MGC-50 or MGC-100 chassis. A MGC Unified Conferencing Bridge configuration can support any voice or video endpoint connected over any network in a conference.</li></ul>   | <ul style="list-style-type: none"><li>• Lower cost of ownership and support<ul style="list-style-type: none"><li>- One system instead of 3 to support voice and video multipoint and gateway conferences</li><li>- One end user interface to management system support</li><li>- One end user interface to schedule and manage conferences</li></ul></li></ul>  |
| <ul style="list-style-type: none"><li>• Full, automatic transcoding</li><li>• MGC-50 and MGC-100<ul style="list-style-type: none"><li>- Networks – IP/H.323, ISDN/H.320</li><li>- Network Speed – 128kbps up to 2Mbps</li><li>- Resolution - QCIF or CIF</li><li>- Video Algorithms – H.261, H.263, H.264+</li><li>- Frame Rate - 7.5fps - 30fps – 60 fields per second</li><li>- Data Rates - 6.4 - 46.4Kbps MLP 64 - 128Kbps HMLP</li><li>- Endpoints connect at their optimal capability</li></ul></li><li>• MGC-25, MGC-50 and MGC-100<ul style="list-style-type: none"><li>- Audio Algorithms G.711, G.722, G.722.1, G.723, G.728, Siren 7, Siren 14</li></ul></li></ul> | <ul style="list-style-type: none"><li>• Easy conference set-up</li><li>• Increased reliability of conference connection</li><li>• Operations support is less complex, more productive</li></ul>   |
| <ul style="list-style-type: none"><li>• Shared resource environment for voice, video, multipoint and gateway conferences.</li></ul>   | <ul style="list-style-type: none"><li>• Leverages conference and network resources across voice and video conferences without requiring duplicate resources and customer investment<ul style="list-style-type: none"><li>- MGC operating system</li><li>- Audio resources</li><li>- Network resources</li><li>- IP resources</li><li>- Audio transcoding</li><li>- Virtual Conference Suite</li><li>- MGC Manager</li><li>- Polycom WebCommander</li></ul></li><li>• Investments in IP based conferencing can be used to support the customer migration to IP video and VoIP.</li></ul> |
| <ul style="list-style-type: none"><li>• Polycom Unified Conferencing offers flexible deployment options to address costs, support, scalability and upgrade requirements. System configurations can start at 24 ports and be easily upgraded when needed to over 200 ports to support voice and video conferences.</li></ul>   | <ul style="list-style-type: none"><li>• Flexible system configuration, deployment and upgrade options</li><li>• Invest in capacity when it is needed</li></ul>  |
| <ul style="list-style-type: none"><li>• Built on the proven Polycom MGC hardware and software technologies.</li></ul>   | <ul style="list-style-type: none"><li>• Ensures high system reliability, business quality conferencing performance, and easy administration and support.</li></ul>  |
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## Feature

- 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
- 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

## Benefits

- 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

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• Firewall Gateway to support secured IP voice and video conferences

• IP resources used to support IP voice and video conferences are also used to support secured IP voice and video calls

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• 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

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• 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

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## Unified Conferencing Management Applications

• Polycom's MGC Manager is the only management application needed to support the voice conferences, video conferences and unified conferences.

• Productivity of system and operations support personnel is significantly improved

• Support costs and training requirements are reduced

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• Polycom's WebCommander is the only browser based interface that the end user needs to schedule and manage their voice, video and unified conferences.

• Training costs for end users are reduced

• Empowers the end user to more effectively utilize the different communications media and conferencing features supported

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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 Polycom Voice*Plus* 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

# Polycom Unified Conferencing Features and Benefits

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### Flexible Conferencing Options

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|--|---|
| <ul style="list-style-type: none"><li>• Attended, unattended and ad-hoc conferencing support for voice and video conferences</li></ul>   | <ul style="list-style-type: none"><li>• Voice and video conferencing customers can be offered the same conference service level support</li></ul>   |
| <ul style="list-style-type: none"><li>• Integrated Polycom WebOffice collaboration for voice and video conferences</li></ul>   | <ul style="list-style-type: none"><li>• A Polycom WebOffice user can start a voice or video conference with one mouse click</li></ul>   |
| <ul style="list-style-type: none"><li>• ISDN and IP video conferences are supported with any of 27 CP layouts with customizable video borders, speaker highlight and background colors</li></ul> | <ul style="list-style-type: none"><li>• ISDN and IP video conferences can support the same flexible application-specific CP capabilities in separate or mixed conferences</li><li>• Continuous presence conferences are more productive for all conference participants</li></ul> |
| <ul style="list-style-type: none"><li>• Custom IVR messages in any language can be selected at the conference level for voice, video and unified conferences</li></ul>                           | <ul style="list-style-type: none"><li>• IVR message services can be defined that specifically address the customer and/or the conference application requirements</li></ul>   |
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### System And Conference Security

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|--|--|
| <ul style="list-style-type: none"><li>• Polycom's MGC Manager is a single point of control of operator authorizations to perform system administration functions</li></ul>   | <ul style="list-style-type: none"><li>• System level security is easy to set up and control</li></ul>  |
| <ul style="list-style-type: none"><li>• Polycom WebCommander is a single point of control of end user authorizations to schedule and manage conferences</li></ul>  | <ul style="list-style-type: none"><li>• Conference security is easy to set up and control</li></ul>  |
| <ul style="list-style-type: none"><li>• User profiles can be established for authorized end users to utilize conferencing services on the Unified Conferencing Bridge</li></ul>  | <ul style="list-style-type: none"><li>• Any unauthorized participant in a conference that does not have a end user profile can easily be identified using either MGC Manager or Polycom WebCommander</li></ul> |
| <ul style="list-style-type: none"><li>• Voice, video and unified conferences can be set up to require a conference chairperson, conference password, billing code and/or recording of the participants' names for announcement upon entry and exit from the conference</li></ul> | <ul style="list-style-type: none"><li>• Unauthorized entry into a conference is easier to prevent at the point of conference entry</li></ul>   |
| <ul style="list-style-type: none"><li>• Voice, video and unified conferences can be set-up for an attended greeting for each participant as they enter the conference entry queue.</li></ul>   | <ul style="list-style-type: none"><li>• Unauthorized entry into a conference can be prevented by the conference attendant.</li></ul>   |
| <ul style="list-style-type: none"><li>• Voice, video and unified conferences can be set up to generate an entry and exit tone when participants enter and leave a conference.</li></ul>  | <ul style="list-style-type: none"><li>• Conference participants can be requested to identify themselves as they enter a conference</li></ul>   |

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