

# Polycom® VideoPlus™

## Product Features and Benefits

Polycom VideoPlus H.320 and H.323 Conferencing	
Feature	Benefit
Simultaneous support for fully featured: <ul style="list-style-type: none"> <li>• H.320 video conferences</li> <li>• H.323 video conferences</li> <li>• Mixed H.320/H.323 conferences</li> </ul>	<ul style="list-style-type: none"> <li>• Connect any video endpoint to the conference, regardless of network.</li> <li>• Lower costs of ownership to support H.320 and H.323 video conferencing.</li> </ul>
Polycom VideoPlus supports: <ul style="list-style-type: none"> <li>• Wideband 14Khz audio</li> <li>• 30 frames per second video</li> <li>• 60 fields per second video</li> <li>• H.264 video</li> <li>• IP error resilience</li> <li>• Dynamic Jitter Buffer for minimum 'lip synch'</li> <li>• Reduced video delay</li> </ul>	<ul style="list-style-type: none"> <li>• Audio and video quality that creates a 'meeting at a distance' that is natural, close to being there.</li> </ul>
Polycom VideoPlus supports The Polycom Office™ in H.320, H.323 and mixed H.320/H.323 conferences: <ul style="list-style-type: none"> <li>• Polycom OneDial™</li> <li>• 'Conference On-Demand'</li> <li>• Polycom WebOffice™ integration</li> <li>• People+Content™</li> </ul>	<ul style="list-style-type: none"> <li>• 'Point and click' end user access to multipoint and gateway conferencing is now a reality.</li> <li>• 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.</li> <li>• Unique capability to choose between robust, integrated content delivery and collaboration options that best fits the requirements of the conference.</li> </ul>

Flexible Conferencing Options	
Feature	Benefit
Attended, unattended and ad hoc video conferencing are easily supported on any ISDN, IP and ISDN/IP conference	<ul style="list-style-type: none"> <li>• Any single level or range of conference services can be easily implemented.</li> </ul>
Integrated Polycom WebOffice for web collaboration and desktop portal access to VideoPlus conferencing	<ul style="list-style-type: none"> <li>• The full benefits of video conferencing and Web collaboration are easily available to all conference participants.</li> </ul>
ISDN and IP video conferences are supported with any of 27 CP layouts with customizable video borders, speaker highlight and background colors	<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>
Custom IVR messages in any language can be selected at the conference level for voice, video and unified conferences	<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>



## Polycom VideoPlus Product Features and Benefits

Polycom VideoPlus Platforms	
Feature	Benefit
<p>Service provider MGC-100</p> <ul style="list-style-type: none"> <li>• Custom platform configurations</li> <li>• Scalable upgrade path for conferencing features and capacity</li> <li>• Hot swappable, self-configuring resource modules</li> <li>• Hot swappable, redundant power supplies</li> </ul> <p>Enterprise MGC-50</p> <ul style="list-style-type: none"> <li>• Custom platform configurations</li> <li>• Scalable upgrade path for conferencing features and capacity</li> <li>• Hot swappable, self-configuring resource modules</li> </ul> <p>Workgroup MGC-25</p> <ul style="list-style-type: none"> <li>• Plug-N-Play installation</li> <li>• Set, feature rich platform configurations</li> <li>• Same operating system and system technologies built into the MGC-50 and MGC-100</li> </ul>	<ul style="list-style-type: none"> <li>• Proven system reliability in over 1,000 MGC installations.</li> <li>• Flexible deployment options on a choice of workgroup, enterprise and service provider platforms.</li> <li>• Easy manage a single of multiple MGCs in a centralized or distributed network</li> <li>• Easy upgrade and migration path, when you needed</li> </ul>
<p>Full, automatic transcoding</p> <p>MGC-25, MGC-50 and MGC-100</p> <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> <p>MGC-50 and MGC-100</p> <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>	<ul style="list-style-type: none"> <li>• Easy conference set-up.</li> <li>• Increased reliability of conference connection.</li> <li>• Less support headaches.</li> </ul>
<p>Shared hardware and software resources to support H.320 and H.323 video multipoint and gateway conferences</p>	<ul style="list-style-type: none"> <li>• Leverages conference and network resources across video conferences without requiring duplicate resources and customer investment. <ul style="list-style-type: none"> <li>- MGC platform</li> <li>- MGC operating system</li> <li>- Audio resources</li> <li>- Video resources</li> <li>- T.120 resources</li> <li>- Virtual Conference Suite</li> <li>- MGC Manager</li> <li>- Polycom WebCommander™</li> </ul> </li> </ul>
<p>Built on the proven Polycom MGC hardware and software technologies</p>	<ul style="list-style-type: none"> <li>• Ensures high system reliability, business quality conferencing performance, and easy administration and support.</li> </ul>
<p>Firewall Gateway to support secured IP video conferences</p>	<ul style="list-style-type: none"> <li>• IP resources used to support IP video conferences are also used to support secured IP firewall gateway video calls.</li> </ul>
<p>QoS support at the IP packet and network levels to support voice and video conferences</p>	<ul style="list-style-type: none"> <li>• Improved quality of IP packet data streams and QoS network support means enhanced IP video and audio.</li> </ul>
<p>MGC Call Detail Records, conference reports and billing</p>	<ul style="list-style-type: none"> <li>• All voice and video conferencing activity is captured in the MGC CDR.</li> <li>• Conference and billing reports can be generated for voice and video conferences with one application.</li> </ul>

## Polycom Video*Plus* Product Features and Benefits

### Conferencing Management Applications

Feature	Benefit
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	<ul style="list-style-type: none"> <li>• System and conference support productivity is increased.</li> <li>• System up time and availability is increased.</li> </ul>
Polycom's WebCommander is a browser based interface that the end user can use to schedule and manage video and conferences	<ul style="list-style-type: none"> <li>• Unattended scheduling and conference management are easy to implement and control.</li> <li>• Support costs are reduced.</li> </ul>
Click&View™	<ul style="list-style-type: none"> <li>• Video participants have control of their video experience at their finger tips.</li> <li>• Continuous presence conferences are more productive for all conference participants.</li> <li>• Does not require any upgrade to video endpoints.</li> </ul>
IVR/DTMF interface to Polycom Voice <i>Plus</i> conferencing features from any voice or video endpoint	<ul style="list-style-type: none"> <li>• Unique video and unified conferencing capabilities for productive participant interaction and sharing of content, not just 'talking heads'.</li> <li>• Does not require any upgrade to video endpoints.</li> </ul>

### System And Conference Security

Feature	Benefit
Polycom's MGC Manager is a single point of control of operator authorizations to perform system administration functions	<ul style="list-style-type: none"> <li>• System level security is easy to set up and control.</li> </ul>
Polycom WebCommander is a single point of control of end user authorizations to schedule and manage conferences.	<ul style="list-style-type: none"> <li>• Conference security is easy to set up and control.</li> </ul>
User profiles can be established for authorized end users to utilize conferencing services on the Unified Conferencing Bridge	<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>
Conferences can be set-up for an attended greeting for each participant as they enter the conference entry queue	<ul style="list-style-type: none"> <li>• Unauthorized entry into a conference can be prevented by the conference attendant.</li> </ul>
Conferences can be set up to generate an entry and exit tone when participants enter and leave a conference	<ul style="list-style-type: none"> <li>• Conference participants can be requested to identify themselves as they enter a conference.</li> </ul>

©2003 Polycom, Inc. All rights reserved.

*Polycom and the Polycom logo are registered trademarks and VideoPlus, Polycom WebOffice, Siren, WebCommander, People+Content, Polycom OneDial and Click&View are trademarks of Polycom, Inc. in the U.S. and various countries. All other trademarks are the property of their respective companies. Specifications are subject to change without notice.*



**POLYCOM®**

[www.polycom.com](http://www.polycom.com)

**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

Rev. 10/03

**Video / Voice / Data / Web**