



# Polycom® Conferencing Infrastructure Products and Solutions

## Polycom Conferencing Infrastructure Products and Solutions:

- MGC™/MGC+ Conferencing Bridges
- ReadiVoice® Audio Conferencing Bridge
- ReadiManager™ SE200 Scheduling and Management Solution
- PathNavigator™ Advanced Gatekeeper
- Global Management System™ Device Management
- WebCommander™ Scheduler
- V2IU™ Network Security
- RSS™ 2000 Video Recording and Streaming Solution

## Why Polycom?

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in voice, video, data and Web solutions, our award-winning conference technology makes it easy for people to interact and maximize productivity – over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide use and prefer Polycom conferencing solutions. Because when people work together, great things happen.

## Meeting Customer Needs

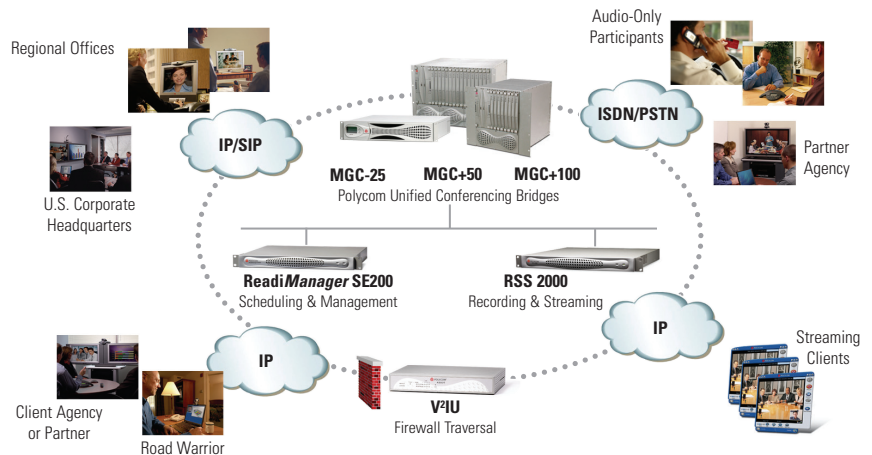
Until recently, owning and operating a multipoint video conferencing bridge was too expensive and too technically complex for most organizations. Today, deploying a conferencing bridge is not only much less expensive than only a few short years ago, but easier to deploy and manage as well, often taking advantage of an organization's existing IP network.

Polycom's portfolio of conferencing bridges – MGC™ and MGC+ – are designed specifically to meet the differing needs of an organization's video conference network, from simple IP-only networks to large, complex "unified" networks (voice, video, data over IP/ISDN/PSTN).

In larger networks, additional video conferencing applications may be required, such as scheduling solutions; conference and network management; as well as gatekeeping and firewall traversal solutions. Value-add applications such as video recording and streaming also add to the efficiency and success of conferencing services.

Polycom offers customers a complete range of conferencing infrastructure products and solutions, with the Polycom MGC/MGC+ unified conferencing bridge providing the core of the video conferencing network.

## Sample – Video Conference Network Infrastructure



## Polycom Audio and Video Conferencing Bridges

### Polycom MGC-25

The MGC-25 Unified Conference Bridge is an economical and easy to use multipoint control unit (MCU) targeted at small enterprise, for both voice and video. Truly “plug and play”, the MGC-25 comes in 10 pre-set configurations and is easy to configure with the Fast Setup Wizard. The MGC-25, although small in size, supports all the same features and functionality of the larger Polycom MCUs. May also be used for large enterprises who have a distributed network architecture.

- 2U chassis and 19” rack-mountable chassis
- IP (SIP, H.323), ISDN/PSTN, and/or gateway
- Embedded set-up wizard
- Up to 24 IP Video Ports at 384kbps



### Polycom *ReadiConvene*™ (MGC+50)

The *ReadiConvene* Unified Conference Bridge (MGC+50) is a high performance, highly scalable MCU and gateway platform, for medium to large enterprise customers who are looking for customizable options. The MGC+ is the only MCU on the market that supports unlimited on-demand, scheduled and gateway conferencing simultaneously, and is known as the industry-leader for its flexibility, reliability, robustness, and security features

- Modular, 8 universal slot chassis
- IP (SIP, H.323), ISDN/PSTN, integrated gateway
- Up to 95 IP Ports at 384kbps
- Integrated firewall gateway, integrated scheduling and management option
- Hot-swap modules, resource redundancy
- Easy to use features for end users including entry queues and on-demand “meeting rooms” with single number dialing



### Polycom *ReadiConvene* (MGC+100)

The *ReadiConvene* Unified Conference bridge (MGC+100) is a high performance, highly scalable MCU and gateway platform for large enterprise and service provider customers looking for the utmost in reliability and redundancy. MGC+50 and 100 platforms share the same features and functionality, with the MGC+100 offering twice the port capacity and redundant power.

- Modular, 16 universal slot chassis
- IP (SIP, H.323), ISDN/PSTN, integrated gateway
- Up to 190 IP Ports at 384kbps
- Integrated firewall gateway, integrated scheduling and management option
- Hot-swap modules, resource redundancy, power redundancy
- Supports High Definition video up to 2Mbps (also supported on MGC+50)



### Polycom *ReadiVoice*® Audio Bridge

Polycom's *ReadiVoice* on-demand voice collaboration system is widely deployed worldwide. A preferred choice of top-tier service providers seeking a robust, reliable, reservation-less solution for PSTN or Session Initiation Protocol (SIP) networks, *ReadiVoice* is the leading choice. *ReadiVoice*'s patented Intelligent Network Call Routing technology leverages Signaling System 7 (SS7) or SIP to automatically route calls to available media servers, eliminating wasted capacity and overloaded servers. A proven choice, over 250,000 *ReadiVoice* ports have been deployed since 1998.

- On-demand conferencing
- PSTN and SIP
- Dynamic routing
- Load balancing
- High availability
- Web-based management
- Easy to integrate with Web collaboration solutions



# Polycom Advanced Network Solutions

## Polycom ReadiManager™ SE200 Video/Voice Conference Scheduling and Management

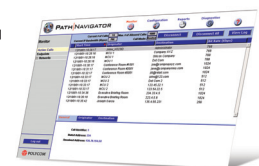
The new ReadiManager SE200 network appliance delivers a full-suite of advanced video/voice conference management functions via a tightly integrated set of applications – gatekeeper, device management, scheduling, and conference management.



- Provides an “all-in-one” front end with which to manage your video conference network infrastructure
- Reduces both cost and deployment time with pre-installed software on a single network appliance
- Provides a single, common database for one time data entry, and one management user interface for all applications
- Basic set up is fast with automated user and device population (integrates with AD/LDAP)
- Provides a single user-centric address book that is accessible from any location worldwide
- Provides increased video service reliability with real-time conference management, plus diagnostics, monitoring, notification and reporting

## Polycom PathNavigator™ Advanced Gatekeeper

Polycom's PathNavigator gatekeeper makes IP and ISDN video communications easy to use, with features such as Polycom OneDial™ (simplified dialing) and on-demand “Meeting Rooms”, which allow participants to easily initiate a meeting at any time without third party intervention. Features such as least-cost routing, alternate IP and ISDN routing, firewall traversal support, and automatic endpoint registration, enable network administrators to be more productive, saving time and resources.



- Ease of use features for end users such as simplified dial plans
- Alternate IP and ISDN routing
- Firewall traversal support
- Call forwarding
- Policy and bandwidth management (LCR)

## Polycom Global Management System™

Designed for IT professionals, the Polycom Global Management System is a Web-based system management software solution that enables centralized support of enterprise-wide Polycom video endpoints and MCUs. The feature-rich software includes six major components – System Management, Global Directory, SoftUpdate, Provisioning, Account Management and Reports.



- Centralized control of video conferencing network saves time, resources and cost
- Easy to use graphical user interface for at-a-glance network status
- Automatic software uploads to networked video/audio conferencing devices to ensure timely system upgrades
- Real-time monitoring and remote network management ensures video conferencing network integrity
- Comprehensive directory services makes dialing video calls simple

## Polycom WebCommander™

Polycom's WebCommander is an intuitive Web-based interface for scheduling, monitoring and managing video and voice conferences. WebCommander empowers both administrators and users to control all aspects of setting up and running conferences on Polycom MGC platforms, through a Web-based wizard interface or Microsoft® Outlook®.



- Multipoint scheduling tool that works through a Web browser or Microsoft Outlook
- Real-time conference control including changing screen layouts, adjusting volume, connecting new participants and basic conference monitoring
- Can be used for both immediate ad hoc meetings, or to schedule future conferences

## Polycom V<sup>2</sup>IU™ – An All in One Network and Security Solution

The V<sup>2</sup>IU NAT/Firewall traversal solution is a cost effective approach that replaces or works in conjunction with your existing firewall, by providing a trusted route through any corporate firewall. The V<sup>2</sup>IU also optimizes video quality by prioritizing video traffic over data traffic, providing both shortest path routing and traffic shaping.



Polycom VSX™ video endpoints and V<sup>2</sup>IU NAT/firewall traversal devices are now compliant with IT-T H.460 standard, providing a complete solution which allows even mobile users and home offices to seamlessly connect without the need for on-site hardware.

- For organizations with multiple locations, including home workers, Polycom's V<sup>2</sup>IU NAT/Firewall traversal allows all members of an organization to call each other – and people outside their organization – seamlessly
- Polycom VSX video conferencing endpoints and V<sup>2</sup>IU NAT/firewall traversal devices are now compliant with the ITU-T H.460 standard, enabling road warriors to access video conferencing from any location, without additional hardware
- Organizations gain additional dialing scenarios by taking advantage of both H.460 and V<sup>2</sup>IU NAT/firewall traversal device. Dial any IP number whether at home, on the road or in the office
- Quality of Service (QoS): With the V<sup>2</sup>IU product line QoS is maintained from beginning to end with shortest path routing
- Traffic Shaping: The V<sup>2</sup>IU through packet inspection shapes the packets to guarantee the least amount of lost packets, ensuring a better video conferencing experience

## Polycom RSS™ 2000 Video Recording, Streaming, and Archiving Solution

The RSS 2000 recording and streaming solution offers organizations the ability to easily record multimedia conferences (video, voice and data) from any type of video conferencing endpoint. Presentations, training sessions, demonstrations, and company updates in general can either be streamed real-time to hundreds of viewers, or recorded and archived for later playback from any H.323 endpoint or PC at the viewer's convenience.



- Easy to use – start, pause and stop using simple DTMF commands
- Up to 600 hours of recording can be archived
- Live streaming and archived sessions can be viewed from any H.323 video endpoint or PC with MediaPlayer or RealPlayer®
- Both point-to-point and multipoint calls (ISDN and IP) can be recorded and streamed
- Embedded web server enables full control, configuration and monitoring

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Part No. 3726-17291-001 Rev. 09/06