Polycom® Readi*Convene*™

IP-Based Multipoint Conferencing Platform with Integrated Conference Management Applications

Benefits

"All-in-one" conferencing solution – Single platform supports full-featured unified conferencing, including integrated gatekeeper, device management, conference scheduling, and management capabilities - all preinstalled on the Readi*Convene* Integrated Application Module (IAM)

Leverage existing IP infrastructure – All of the features needed to make IP video conferencing easy to deploy and manage across an entire enterprise

Simple to deploy – Set up your network in half the time. One web-based wizard for intuitive one-time data entry, while endpoints self-register and your existing global user directory auto-synchronizes with management applications

Lower cost of ownership – Only one platform required to support IP and ISDN video / voice conferencing, plus integrated scheduling, deployment, and management applications – significantly reducing costs

Easy to use – The simplest way to conference. Takes advantage of one-number dialing with a single pass code for both voice and video applications, or simply point and click to initiate on-demand conferencing from a desktop video application

On-demand or scheduled – Supports on-demand and scheduled applications for complete conferencing flexibility

Automatic universal transcoding – Less IT support necessary with full, automatic transcoding that ensures every voice and video endpoint reliably connects to the conference at optimal capability

Microsoft ready – Polycom Web*Office*® integrates with Microsoft Windows® Messenger, offering desktop Web collaboration solutions

Easy to Order – Complete, ready-to deploy conference packs offer best IP price/performance, with upgrades for ISDN and PSTN

Polycom's Readi*Convene* provides a cost-effective, all-in-one conferencing solution for powerful, rich media business communications.

Easy to deploy, easy to manage, and easy to access. Polycom Readi*Convene* conference bridge supports full-featured IP voice, video, data, Web, and unified conferencing – including both multipoint and gateway calls – plus a completely integrated suite of scheduling and management applications, all on a single platform for unsurpassed ROI.

This full suite of advanced voice and video conference management applications – available on the Readi*Convene* "Integrated Application Module" (IAM) – simplifies day-to-day operations and minimizes the need for deploying multiple servers. This completely integrated suite of applications is also available on the stand-alone, appliance-based Readi*Manager*™ SE200.

Readi*Convene* supports both on-demand and scheduled conferences on the same platform, allowing organizations to deploy the most effective type of conferencing to meet their needs. With Readi*Convene*'s on-demand conferencing features, administrators can deploy self-service conferencing, allowing users to launch their own voice, video, or unified conferences at any time, relieving the administrator of time-consuming and repetitive conference set up and management.

Transform your conference network into a reliable and highly effective conferencing environment by providing options for end user access, which can be as simple as dialing a single number, with or without pass codes; clicking on a familiar name in a global directory; or even launching a conference from a Web-based buddy list such as Polycom Web*Office*® Web conferencing portal. Polycom Web*Office* also integrates with Microsoft® Windows® Messenger for a flexible choice of desktop collaboration solutions.

Alternatively, users can take advantage of Readi*Convene*'s easy to use scheduling applications such as Microsoft Outlook®, IBM® Lotus Notes®, and other Web-based scheduling tools to easily book conference resources and invite participants to scheduled meetings.

Readi*Convene* is also easy to order, with IP-based conference packs that offer best price/performance in ready-to-deploy configurations. Optionally, conference pack upgrades are available for ISDN and PSTN multinetwork support.

Quite simply, Readi*Convene* is an innovative, IP-based conferencing platform that simplifies the purchase, deployment, and management of rich media conferencing and collaboration.

Your single IP-based multipoint conferencing platform to access the power of Polycom unified collaborative communications solutions.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.

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Polycom Readi*Convene* Specifications

Polycom Readi*Convene* Chassis Options

Readi*Convene* comes standard with both multipoint and gateway conferencing support. It supports IP voice, video, and unified conferences. Support for multinetworks is easily added for switched and dedicated network connections.

- IP (H.323 & SIP) and ISDN (H.320) video
- PSTN and VoIP voice

Readi*Convene* configurations can be support on either an 8- or 16-slot MGC™+ chassis

- MGC+ 8-slot chassis: Customizable, enterprise platform
- MGC+ 16-slot chassis: Customizable, large-enterprise, or carrier-class platform

Integrated Application Module (IAM)

A full suite of integrated scheduling, deployment, and management applications are available on the Readi*Convene* Integrated Application Module (IAM), which can be added to either MGC+ chassis.

Full, Automatic Universal Transcoding

Readi*Convene* supports Polycom's industry-leading transcoding, making it easy to support conferences requiring different network support and endpoints with different capabilities. With a simple click of the transcoding conference option, Readi*Convene* automatically transcodes across any of the following parameters:

- Audio Algorithms: G.711, G.722, G.722.1, G.723, G.728, G.729a, Siren™ 7, Siren 14
- Networks: IP (H.323, SIP), ISDN, PSTN, V.35
- Network Speed: 128 Kbps up to 2 Mbps
- Resolution: QCIF or CIF
- Video Algorithms: H.261, H.263, H.264
- Frame Rat: 7.5 fps-30 fps; 60 fields-per-second
- Data Rates: 6.4-46.4 Kbps MLP, 64-128 Kbps HMLP
- People+Content™ – H.239

Resource Sharing

Readi*Convene* enables the sharing of software and hardware resources to support any multipoint or gateway conference.

Content Sharing Support

- T.120
- H.239
- People+Content

MGC+ 8-Slot Chassis Dimensions

- Height: 40.8 cm (16 in)
- Width: 38.1 cm (15 in)
- Depth: 50.2 cm (19 in)
- 8-slot chassis power: 120-230VAC; 50/60Hz

MGC+16-Slot Chassis Dimensions

- Height: 40.8 cm (16 in)
- Width: 58.4 cm (23 in)
- Depth: 50.2 cm (19 in)
- 16-slot chassis power: Redundant power supplies, three load sharing 110-240 VAC; 50/60 Hz

MGC+ 8- and 16-Slot Chassis Operating Environment

- Operating Temp: 10° to 40° C (50° to 104° F), 3400 BTU/hr
- 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

NOTE: Integrated Application Module (IAM) not available until Q3/05

Software Resource Sharing

- MGC system software
- Unified Conference Suite
  - IVR/DTMF in both voice & video
  - Entry queue services
  - On-demand meeting rooms with single dialing capabilities
- Packet Commander (processed IP packets to insure quality audio and video)
  - Reorders and synchronizes incoming IP packets
  - IP Error Resiliency
  - IP Precedence support
  - IP DiffServ support

Hardware Resource Sharing

- Readi*Convene* platform
- Voice, video, network, and data modules

Technical specifications

Audio Support

- G.711a, G.711u. G.722, G.722.1, G.723.1, G.728, G.729a, Siren 7, Siren 14

Video Support

- H.261, H.263, H.264
- 30 frames per second; 60 fields per second
- QSIF, SIF, 4SIF, QCIF, CIF, 4CIF, VGA, SVGA, XGA, PAL, NTSC video resolution

Conference Data Rates

- 128 Kbps to 2 Mbps

Multiple Levels of Security

- Password Management:
  - Conference
  - Guest
  - Chairperson
  - Auto generate conference password
- Conference Control
  - Lock ongoing conference
  - Entry and exit tones
  - Chairperson required
  - CLI support
  - Auto termination conference roll call
  - Participants name announcement
- Media Encryption
  - AES encryption
- Serial Interface - MPI
- Firewall/NAT
  - Integrated firewall gateway solution
  - Certified firewall solution (CheckMark)
  - NAT transversal

Network interface support

- 10/100 Ethernet
- Four V.35/RS-449/EIA530
- Eight V.35/RS449/EIA530
- Two PRI Interface ISDN and Dedicated, T1/E1
- Four PRI Interface ISDN and Dedicated, T1/E1
- Eight PRI Interface ISDN and Dedicated, T1/E1
- Two, four, eight T1 CAS

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