Polycom® RMX 2000™

Real-Time Media Conferencing Platform

The Advanced Platform for Simplified Multipoint Conferencing

The Polycom RMX 2000 real-time media conferencing platform leverages IP to simplify the delivery and management of multipoint video and unified (video, voice, content) conferencing services within enterprise and service provider IP networks.

Advanced open IP platform

The RMX 2000 real-time media conferencing platform is based on the Advanced Telecommunications Computing Architecture (AdvancedTCA®) for the optimal delivery of crisp, sharp video, audio, and multimedia content. This standards-based platform, created specifically for the delivery of advanced communications, ensures superior performance, product reliability, and manageability. The RMX 2000 conferencing platform incorporates a modular, IMS-ready design to provide maximum deployment flexibility and scalability.

Simple and accessible conferencing

Easy to set up, easy to use, and a powerful tool for collaboration, the RMX 2000 real-time media conferencing platform provides intuitive, high-quality conferencing to end users, and unparalleled flexibility and control to administrators. Its straightforward user and administrator interfaces enable consistent, in-person communications experiences without cumbersome technology roadblocks, thereby increasing productivity and speeding conferencing adoption.

Ultimate user experience

The superior engineering and design principles of the RMX 2000 conferencing platform combine to provide the perfect balance of conferencing power, control, and ease-of-use. Support for a range of video resolutions, flawless interchanges with high-quality audio, and expert QoS control serve to recreate in-person meetings. Organizations benefit from improved communication, increased collaboration, and faster decision-making, all with the goal of enabling them to meet the challenges — and seize the opportunities — of today's interconnected world.

The RMX 2000 real-time media conferencing platform is the result of Polycom's 15-year legacy of developing and leading the conferencing and collaboration market. It is a centerpiece of Polycom's multi-pronged collaboration solution enabling seamless and natural interactions across endpoints and geographies.

Make Great Things Happen With Polycom RMX 2000 Real-time Media Conferencing Platform

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. See how you, too, can achieve great things with Polycom RMX 2000 real-time media conferencing platform.

POLYCOM®

TOGETHER, GREAT THINGS HAPPEN.

VideoVoiceDataWeb

The RMX 2000 Real-time Media Conferencing Platform is available in 20, 30, 40, 60, and 80 media resource configurations.

Physical dimensions
- Height: 3U,13.28 cm (5 in)
- Width: 48.26 cm (19 in)
- Depth: 40cm (15 in)
- Weight: Up to 16.5 Kg (36.38 lbs)
- Two slot media processing modules (MPMs)
- Two slot application server (one for MCU management)
- Power supply
- Fan drawer
- Power: 100-240 VAC ±10%, 47-63 Hz; 600 W max power consumption

Operating Environment
- Operating temperature: 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: 60 m (200 ft) below sea level to 3,000m (13,000 ft) above sea level
- Transit/Storage: 60 m (200 ft) below sea level to 15,000 m (50,000 ft) above sea level

Video Support
- H.263, H.264
- Up to 30 frames per second
- From QCIF to 720p including CIF and SIF
- Up to 720p in continuous presence (CP) transcoding (TX)*
  - 720p voice activated switching (VAS)
- 16:9 and 4:3 aspect ratio
- H.239 content sharing resolution: VGA, SVGA, XGA

Audio Support
- G.711a/u, G.722, G.722.1C, G.723.1, G.729A, Siren™ 14
- IVR prompts for auto attendance
- User and managed mute control
- DTMF support

Capacity
- 20 to 80 media processing resources
- Up to 400 voice processing resources*

Management Tools
- Web-based management with foreign language support*
- Administrator, operator, and chairman views
- Onboard shelf management monitors and maintains hardware elements
- Complete XML API kit for 3rd party application integration
- Scheduling and gatekeeping functions via Readi*Manager*® SE 200

Network Support
- IP H.323 and SIP (H.225 v.4 and H.245 v.10 and RFC 3261)
- PSTN* and VoIP voice
- 10/100/1000 Mb interface
- 64 Kbps to 4 Mbps conference data rates

Transcoding
- Audio algorithms
- Video algorithms
- Networks
- Resolution
- Frame rates

IP QoS
- DiffServ
- IP Precedence
- Dynamic jitter buffer
- Voice and video error concealment

Security
- AES media encryption
- Conference participants PIN code authentication via LDAP interface
- Tiered permission levels
- GUI user authentication via Readi*Manager* SE 200
- SIP TLS*

Approval and Compliance
- CE
- UL, ETL
- EMC: FCC 47CFR PART 15
- Safety: UL 60950 3rd Edition
- RoHS 5/6

Conferencing Highlights
- Unified conferencing (voice and video)
- Up to 23 different conference layouts
- Personal layout
- Auto layout
- Layout range 1x1 to 4x4
- Advanced Click & View™
- Choose site to see
- Layout skins
- Lecture and presentation mode
- Roll call
- Conference profiles
- Far-end camera control (FECC)
- Conference dial out and dial in
- Up to 1000 Meeting Rooms*
- Advanced IVR flow
- Multilingual site names*

* Planned to be available in mid-2007. However, Polycom cannot guarantee release dates. Products and/or specifications will be delivered on a when and if available basis.

Polycom conferencing solutions also include unified conferencing bridges, recording and streaming solutions, firewall/NAT transversal, management, scheduling, and gatekeeper applications, video and audio endpoints, totally immersive conferencing environments, and a full range of installation and professional consulting services.