

Polycom® RSS™ 2000

Powerful and Flexible Recording and Streaming Server



The Polycom® RSS™ 2000 server allows organizations to share knowledge and communicate more effectively by recording and streaming video communications.

Utilize the Polycom RSS 2000 server with H.323 standards-based video endpoints to quickly and easily record video conferences, lectures, training sessions, personal video messages, data and more. To ensure high-quality video, audio, and content sharing, the RSS 2000 server leverages the Polycom UltimateHD™ experience supporting High Definition video (720p and 1080p) as well as HD Voice™ with Siren™ 22 stereo. In addition, the Polycom HDX series high definition video endpoints and the Polycom RMX high definition conferencing platforms provide integrated one-touch RSS 2000 recording capabilities.

The RSS 2000 server can stream events in real-time or archive recordings for on-demand playback from the Web or from a video endpoint. Other options for playback include the Polycom Video Media Center™ (VMC™) 1000, a robust video content management system which tightly integrates with the RSS 2000, allowing users to further leverage their videos by editing and publishing them, then making them easily available via Video on Demand. The VMC 1000 also is a Live Broadcast server and provides video program tracking metrics.

With the RSS 2000 recording and streaming server, Polycom empowers organizations to boost productivity and gain operational and cost efficiencies by better communicating and collaborating with employees, customers, partners, and suppliers.

Polycom RSS 2000 Makes Good Business Sense

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 telepresence and video, voice, and content collaboration and communication solutions, Polycom makes it easy for people to interact and maximize productivity—over any network, in any environment, anywhere around the globe. That's why more organizations worldwide prefer Polycom solutions. In today's tough economy, Polycom solutions make good business sense. See how your organization can realize a fast ROI with the Polycom RSS 2000 recording and streaming server.

Benefits

- ▶ Recording
 - Easily capture meetings or events, including content, using standard video endpoints
 - Record events in high quality with HD and SD formats and high fidelity audio
 - Network accessible and centrally managed – no need for other recording devices
- ▶ Streaming and Playback
 - Access video content live or on demand
 - Search and review archived content from video endpoints or web interface
 - View content in recorded format, including HD
- ▶ Security
 - Full management and authentication with Active Directory integration
 - Protect content with access controls for Web and endpoint playback
 - Firewall protection through a Polycom Video Border Proxy™ (VBP™) NAT/Firewall solution

► Polycom RSS 2000 Specifications

Application Highlights

- Record single point, point to point or multipoint conferences
- Capture presentations with H.239
- Polycom high definition (HD) support with 720p and 1080p H.264 video and Siren™ 22 audio
- Clustering of multiple Polycom RSS 2000s for higher availability and redundancy
- Integration with the Polycom VMC 1000 for enhanced video content management
- Transcoding of video content using the new RSS 2000 Media Toolkit
- Playback of video content from an endpoint or the Web
- Integrates with HDX DVR buttons on the remote control for simple initiation of recording and playback
- Integrates with Polycom MCUs, RMX 2000, RMX 1000, MGC, for simple recording of multipoint video conferencing
- XML API support for third party integrations Audio/Video Support

Audio/Video Support

- Live Video Resolutions: QCIF, C(S)IF, 4CIF, SD, 720p and 1080p HD, XGA, VGA
- Audio support: G.711 a and u, G.722, G.728, G.722.1, Annex C, Siren 14, Siren 22 Stereo
- AES Media encryption between the video conference system and the RSS 2000

Media Conversion – Polycom RSS 2000 Media Tool kit

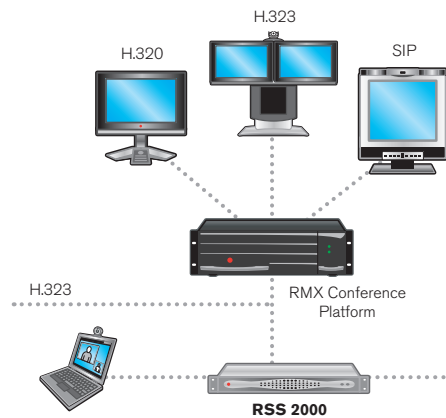
- Multimedia presentation sharing with H.239 Media Conversion – RSS 2000 Media Tool kit
- Offline conversion to MPEG 4 or QuickTime® format with Media Tool kit
- Offline transcoding of media to lower bit rates
- Retain only video content by removing H.239 content from media with Media Tool kit

Recording

- Records video at varying bit rates – 128 kbps to 4 Mbps
- Up to 1080p HD record and playback, record stereo calls in single point and point to point calls
- Records presented content via H.239
- Single stream, side by side, layout options for video and content
- IVR support to provide users system feedback
- Flexible recording environments initiated from either an H.323 MCU or video endpoint
- Supports up to 2 concurrent video conferencing recording sessions

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Recording and streaming multimedia just got easier

Users can start recording from any Polycom endpoint or MCU. In a point to point video conference, the system will record both sides in a single stream. A multipoint conference can be recorded and streamed live over the Web.



- High availability through RSS 2000 clustering – enables users to take advantage of excess capacity on other RSS 2000 servers
- ### Playback
- Archived Playback to H.323 endpoint, MCU or gateway
 - Search and sorting options for archives from endpoint interface
 - Preview video before play back from H.323 endpoint
 - Offload converted video content for playback on other multimedia devices
 - Up to 10 video endpoints can access RSS 2000 for playback, more in a clustered RSS 2000 environment

Streaming

- Unicast up to 50 concurrent streams
- Multicast
- Webcast live or on demand with Windows Media® player and RealPlayer®
- Interoperates with the Polycom VMC 1000 for expanded streaming scalability and Video on Demand content management

Capacity

- Up to 700 hours at 384kbps of H.323 and Windows® compatible file format content

Security

- User and Endpoint viewing and recording rights authorization
- Terminal recording and viewing rights authorization based on the identification
- NAT support for firewalls
- Microsoft® Security upgrade for Windows XP Operating System
- TLS/SSL and HTTPS Support
- Anti Virus Application Support

Management

- Embedded Web server enables full control, configuration and monitoring of system and recordings
- Support for third-party Gatekeepers

- Online status of current connected H323 devices
- User Management with Active Directory Integration
- Diagnostic logging
- Network Time Protocol
- Menu Customization for the Web interface and the video conferencing endpoint
- Move files from one RSS 2000 to another RSS 2000 through the RSS 2000 Media Tool Kit
- Automatic Backup and Delete through System utilities for automatic content archiving

Language support

- English
- Chinese Traditional (Taiwan)
- Japanese
- Korean
- Portuguese (Brazilian)
- Spanish (Latin America)
- Russian
- German
- French
- Italian
- Norwegian

Network Interface

- 10/100 Ethernet

Power

- Input Voltage: 100 - 240 V, 50 - 60 Hz, 3-5 Amps
- Thermal controlled 220W ATX AC power supply w/PFC

System Configuration

- 250GB Hard Disk

Physical Dimensions

- Form Factor: 1U 19" rack mount
- Height: 1.73" (44 mm)
- Width: 16.83" (430 mm)
- Depth: 15.35" (390 mm)
- Gross Weight: 22.4 lbs (10.2 kg)