Polycom® RSS™ 4000

Recording and Streaming Server

Extend and enhance communication across your organization with video recording and streaming.

The Polycom RSS 4000 Recording and Streaming Server is a network-based appliance that records, archives, and streams telepresence and video conferences to desktops, conference rooms, and more. Organizations benefit from reduced communication costs, improved knowledge sharing, and extended use of information assets.

By leveraging the Polycom RSS 4000 with existing telepresence systems, video conferencing endpoints and video infrastructures, organizations convert one-time events into knowledge assets deliverable to audiences via URL link and the intuitive Polycom RSS 4000 interface. Applications for the Polycom RSS 4000 include executive and corporate communications, training sessions, lectures, project management meetings, and more. The Polycom RSS 4000 is simple to use and fully compatible with standards-based telepresence and video conference systems, conference bridges, management applications, and more.

Conferences are streamed to live audiences in up to 720p HD resolution, and automatically archived in the Polycom RSS 4000 in 1080p HD resolution, with Polycom StereoSurround™ audio and shared content such as slides and spreadsheets. Integration with Polycom RMX Series Conference Platforms enables one-touch recording, and all recordings can be securely played back on telepresence and video conferencing systems or via web browser. For organizations requiring a complete video content management solution, the Polycom RSS 4000 integrates with the Polycom Video Media Center™ (VMC) 1000 to automatically import and publish recordings and widely broadcast live streams.

Polycom RSS 4000 Makes Good Business Sense

Real-time communication and collaboration is critical to organizational success. As the market leader in telepresence and video, voice, and content collaboration 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 economic climate, Polycom solutions make good business sense. See how your organization can increase productivity and realize a fast ROI with the Polycom RSS 4000 recording and streaming server.

Benefits

Recording

▶ Easily capture telepresence and video conferences, including content, using standard-based endpoints

▶ Record and stream events in high quality with HD and SD formats and high fidelity audio

▶ Access and centrally manage via the existing network – no need for additional recording devices

▶ Record up to 15 simultaneous conferences for large recording needs

Streaming and Playback

▶ Produce up to 4 Standard Definition quality live streams

▶ Stream in 720p high definition (HD) quality

▶ 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

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Polycom RSS™ 4000 Specifications

Application Highlights

- Records single point or multipoint conferences with full H.239 content capture
- Polycom high definition (HD) support with 720p and 1080p H.264 video and Polycom Siren™ 22 audio
- High capacity recording for up to 15 simultaneous sessions
- Playback of video content from endpoints or web browsers
- Integrates with Polycom Video Media Center™ (VMC) 1000 for enhanced content management and streaming scale
- Integrates with Polycom HDX endpoints and Polycom RMX/MGC conference platforms for intuitive and automated recording and playback
- XML API support for third party integrations
- H.323 standards-based for use with third party conferencing systems
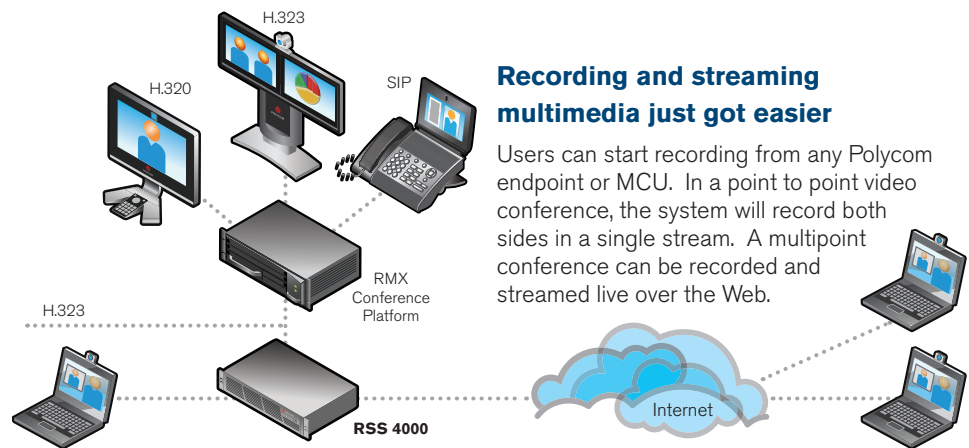
Audio/Video Support

- Live Video Resolutions: QCIF, C(S)IF, 4CIF, SD, HD, XGA, SVGA ,VGA
- Audio support: G.711 a and u, G.722, G.728, G.722.1, Annex C, Siren 14, Siren 22 Stereo

Recording

- Supports up to15 concurrent telepresence and video conferencing recording sessions with full video, audio and content
- Records audio/video at varying bit rates – 128 kbps to 4 Mbps
- Up to1080p HD record and playback, record stereo calls in single point and point to point calls
- Records presented content via H.239
- Multiple layout options and sizes for recording video and content – Single stream, side by side
- IVR support to provide users verbal indicators of status (recording, pause, etc.)
- Multiple methods for recording – direct from a video endpoint, MCU / bridge or from the admin user interface

Playback

- Archived playback to H.323 endpoint, MCU or gateway, with preview window
- Search and sorting options for archives from endpoint interface
- Offload converted video content for playback on other multimedia devices Windows media download option for video editing or distribution

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.

- Up to15 H.323 connections for media playback

Streaming

- High Definition – 720p live stream
- Up to 4 concurrent Standard Definition live streams
- Unicast up to 200 concurrent streams
- Multicast option
- Supports 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 of storage at 768kbps of H.323 video, audio and content

Security

- User and endpoint viewing and recording rights authorization
- Terminal recording and viewing rights authorization based on the identification
- NAT support for firewalls
- AES media encryption
- TLS/SSL and HTTPS Support

Management

- Embedded Web server
- Support for third-party Gatekeepers
- Online status and control of recording functions of current connected H.323 devices
- Dial out and record for easy recording by administrators
- User Management with Active Directory integration
- Diagnostic logging
- Network Time Protocol

- Menu customization for the end user interfaces
- Media Tool Kit for offline conversion to MPEG 4 or transcoding of media to lower bit rates
- Automatic backup and file management functions

Language support

- Multi-language support for end user navigation and administrators

Network Interface

- 2 x 10/100/1000 Ethernet

Power

- Input Voltage: 100—240 V, 50—60 Hz, 4—10 Amps, support 1+1 redundancy
- 700W ATX AC power supply w/PFC

System Configuration

- 2 x 1TB SATA hard disk, RAID-1 configuration with 500GB for media storage

Physical Dimensions

- Form Factor: 2U 19" rack mount
- Height: 89 mm
- Width: 441 mm
- Depth: 485 mm
- Gross Weight: 19.5 kg