

# Polycom® RSS™ 4000

## Powerful recording and streaming software

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

The Polycom® RSS™ 4000 server is a network appliance that records and streams video calls as a tightly integrated component of the Polycom Video Content Management solution.

The RSS 4000 records, archives, and streams telepresence and video conferences for playback on a wide variety of client devices including tablets, smartphones, desktops and standard-based video endpoints. Organizations that deploy RSS 4000 benefit from reduced communication costs, improved knowledge sharing, and extended use of information assets.

By leveraging the RSS 4000 with existing telepresence systems, video conferencing endpoints and video infrastructure, organizations can easily convert real-time conferences and events into re-usable multimedia assets that can be viewed by audiences live and on-demand using a web browser.

Applications for the RSS 4000 include executive and corporate communications, training sessions, lecture capture, project management meetings. The RSS 4000 is simple to configure, use and is fully compatible with standards-based telepresence and video conference systems, conference bridges and management applications.

One-touch recording is available when the RSS 4000 is used with Polycom® HDX® series endpoints and the Polycom® RMX® MCU series. When used with any other industry standard SIP or H.323 system, the RSS 4000 can be controlled by DTMF or Far End Camera Control.

RSS 4000 conferences are recorded in high quality Polycom® StereoSurround™ audio and the industry's best video at bandwidths up to 4 Mbps. The RSS supports People + Content (H.239/BFCP) to record synchronized slides, documents or other content video sources.

RSS 4000 archives can be securely played back on any standard-based telepresence or video conferencing systems in full HD (up to 1080p HD resolution) as well as on desktop PC or MAC, and iOS and Android tablets and smartphones via web browser (up to 720p).

RSS 4000 administrators can configure the stream and archive output to meet virtually any application requirement. People + Content can be configured in a variety of layouts. The system records the call at the source bit-rate, but admins can opt to transcode/transrate the streaming output in Windows Media (.wmv) and H.264 (.mp4).

For organizations requiring Enterprise video content management capabilities, the RSS 4000 integrates with the Polycom® RealPresence® Media Manager to automatically import and publish recordings and facilitate distribution of live conference streams to tens of thousands of viewers across a LAN, WAN Internet or hybrid networks.

#### About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered.



#### Benefits

- Capture telepresence and video conferences, including content from any standard-based endpoints by adding RSS to the call
- Record and stream events in high quality with HD and SD formats and Windows Media or mp4
- Record up to 15 simultaneous conferences (with content) in full HD
- Stream up to 4 simultaneous conferences (with content) in HD
- Access live streams or video on demand easily, from PC/MAC, iOS and Android devices as well as via any standard-based endpoint.
- Compatible with leading 3rd party streaming media servers to reach large audiences and leverage existing infrastructure
- Tightly integrates with Polycom® RealPresence® Media Manager for true Enterprise video content management
- XML API support for third party integrations

# Polycom RSS 4000 Specifications

## Application Highlights

- Records single point or multipoint conferences with full H.239 or SIP BFCP content
- Records calls up to 4Mbps in standards-based SD or HD (up to 1080p) video
- Supports both standards-based audio and Polycom® Siren 22
- High capacity recording for up to 15 simultaneous sessions
- Playback of video content from endpoints, desktops or mobile devices
- Integrates with the Polycom® RealPresence® Media Manager for true Enterprise content management
- Integrates with Polycom HDX endpoints and Polycom RMX and MGC conference platforms for one touch recording and playback

## Videoconferencing Support

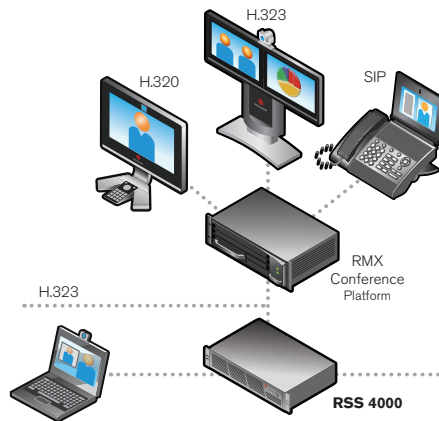
- H.323 and SIP RFC 3261
- Records single point and multipoint video conference calls
- Record (2) site calls without a MCU with side-by-side video and content
- Live Video Resolutions: QCIF, C(S)IF, 4CIF, SD, HD, XGA, SVGA, VGA
- Audio support: G.711 a and u, G.722, G.728, G.722.1, Annex C, Siren 14, Siren 22 Stereo technology
- H.264 High Profile and Polycom Lost Packet Recovery™ (LPR™) technologies
- IVR support to provide users verbal indicators of status (recording, pause, etc.) controlled via DTMF or FECC

## Recording

- Transcodes videocalls to Windows Media (.wmv) and H.264 (.mp4) video formats, plus MP3 audio
- Records audio/video at varying bit rates – 128 kbps to 4 Mbps
- Records content H.239 content channel
- Configurable recording templates to specify multiple bit rates for streaming/recording, video file formats, custom defined archive file names and content options
- Multiple methods for recording – direct from a video endpoint, MCU/bridge or from the admin user interface

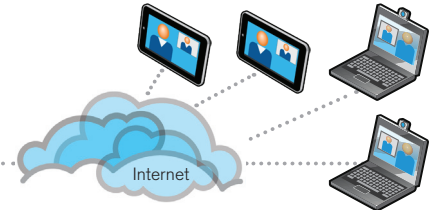
## Playback

- Playback can be offered to authenticated users with permission or public users (with or without PIN)



## 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.



- HTML user portal provides quick access to live and VOD playback on a wide range of PC/MAC and mobile devices in the browser.
- Download option for offline applications including video editing or re-distribution
- Playback to H.323/SIP endpoints with on-screen UI and navigation via DTMF or FECC
- Search options for archives from endpoint interface
- Quickcode for easy playback of archives from video endpoint

## Streaming

- Stream up to 4 concurrent live Standard Definition streams in Windows Media format (.asf) or H.264 (.mp4)
- Add MP4 single bit-rate streaming capacity via 3rd party external media servers
- Unicast up to 100 Windows Media Streams with HD Streaming option
- Publish pre-defined Live Streaming URLs for event scheduling and notification
- Optional Multicast support for Windows Media

## Capacity

- Up to 1406 hours of storage at 768kbps of H.323 video, audio and content

## Security

- User and endpoint viewing and recording rights authorization
- AES media encryption
- TLS/SSL and HTTPS Support

## Management

- Embedded Web server
- Linux Operating System

- 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
- 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 (2nd port reserved for future use)

## 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

## Physical Dimensions

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