

Polycom® Recording and Streaming Server RSS 4000 – Frequently Asked Questions

Q: Can I record an HD video conference?

A: The RSS 4000 can capture up to 1080p video and content from high definition systems and the video can be played back as a video on demand (VoD). The RSS 4000 provides 720p HD live streaming capabilities along with multiple SD live stream options.

Q: How many simultaneous video conferences can be recorded?

A: The RSS 4000 can record up to 15 simultaneous conferences, with full video, stereo surround audio and H.239 content for each recording session.

Q: Can I stream a video conference without having to record it?

A: Yes, the RSS4000 has an option to stream without recording events. It supports multiple bit rate streams ranging from CIF resolution up to 4 standard definition events along with a 720p HD stream.

Q: Is the RSS 4000 standards based?

A: Yes, the RSS 4000 is based on video conferencing/telepresence standards, therefore enabling a customer to utilize a mixed vendor network.

Q: What are the redundancy capabilities of the RSS 4000?

A: The RSS 4000 supports dual field replaceable power supplies, dual network interface cards, and dual RAID 1 terabyte hard disk drives.

Q: How do I control the RSS 4000 from the video conferencing endpoint?

A: Users can operate the RSS 4000 from a video conferencing remote control. With Polycom non-HD endpoints, users can choose between Far End Camera Control (FECC) or DTMF tones to operate the RSS 4000 commands. With the Polycom HDX series, the endpoint DVR buttons serve as the recording controls for the RSS 4000. Administrators can add the RSS 4000 to the RMX conference profiles for automatic recording and control the start/pause/resume/stop functions using the RSS 4000 Admin UI.

Q: Can I record an audio conference?

A: Yes. Polycom RMX 2000 / 1000 bridging customers can program their RMX recording link to support audio only conference calls which will be recorded on the RSS.

Q: How many sites can I record at any given time?

A: The number of sites varies on whether a MCU is connected to the RSS 4000. If the RSS 4000 is connected to a MCU (embedded or external), then the number of maximum number of recorded sites will be the maximum number of MCU supported sites minus one site which will be allocated for the connection to the RSS 4000.



Q: Can I record my content whether it be a presentation or sharing my desktop along with video?

A: Content that is shared during a presentation can be captured using the H.239 standard. When the session is played back on a video endpoint, the content will be displayed as it normally is when presented live. If the session is played back on the desktop, then the content will appear in either a side-by-side layout or a separate window next to the window of captured video for that session.

Q: Which video formats are supported by the RSS 4000?

A: The RSS 4000 supports a range of video standards accommodating video outputs from older devices to more advanced technologies such as HD video conferencing devices. The following are supported video compression standards and resolution:

- H.261, H.263, H.264
- CIF, 4CIF, SD, 720p HD and 1080p HD
- Content - XGA, SVGA, VGA

Q: What audio formats are supported by the RSS 4000?

A: The RSS 4000 supports a wide range of audio standards including standards from older devices.

- G.711 a and u, G.722, G.728, G.722.1 Annex C, Siren™14, Siren 22

Q: How many people can see a recording at any given time?

A: Users can view a recording on a video endpoint or on the web.

- Viewing from the video endpoint
 - Up to 15 endpoints can connect to a single RSS 4000 and view a recording.
- Viewing from the web
 - The maximum number of web viewers that can watch a recording is 200.
 - For requirements over 200 web viewers, the RSS 4000 integrates with the Polycom robust video content management solution for further scale of simultaneous Video on Demand (VOD) sessions with options for multicast and support for content distribution solutions.

Q: What web players need to be loaded on my PC to view a RSS 4000 recording?

A: For viewing an archive or live streams, users watch with Windows Media Player or similar, and do not need a proprietary player.

Q: Can the RSS 4000 provide multicast capabilities for live streaming?

A: Yes – The RSS 4000 supports multicast to an enabled network to stream a live event. This will require viewers to install the Polycom Internet Explorer plugin to watch the live stream. Alternately, network administrators may integrate the RSS with the Polycom robust video content management solution for large scale webcasts and distribution options.

Q: How many recordings can the RSS 4000 store?

A: The number of hours is dependent on what bit rate the RSS 4000 recorded at. In general, the RSS 4000 can store up to 700 hours of video archives recorded at 768 kbps.

Q: Can the recordings be offloaded to external storage?

A: The RSS 4000 offers automatic backup and delete capabilities enabling video content to be archived to an external drive.

Q: How can I secure my recording when it is played back as a web archive?

A: Web archives can be secured by access control. The RSS 4000 archives can be made accessible to everyone, certain users or groups. The access control can extend from a local user database to authentication through a corporate Active Directory.

Q: Does the RSS 4000 provide video content management capabilities?

A: The RSS 4000 integrates with the Polycom robust video content management solution where video streams can be live broadcasts, multiple video formats and audio uploaded, managed and leveraged to communicate more effectively.