



Polycom RealPresence Collaboration Server (RMX) 2000/4000

The following table presents product capabilities which are supported, but not necessarily required. Requirements will vary based on your environment.

| <i>Application</i> | <i>Encryption Function</i> | <i>Description</i> | <i>Supported Protocols</i> |
|-----------------------------|--|--|--|
| H.320 Media Encryption | Confidentiality Integrity | End-to-end encryption of H.320 videoconferencing media (audio, video) between product and far-end conference peer | H.221 H.233 H.234 |
| H.323 Media Encryption | Confidentiality Integrity | End-to-end encryption of H.323 videoconferencing media (audio, video) between product and far-end conference peer | RTP per H.235.1/H.235.6 |
| SIP Media Encryption | Confidentiality Integrity | End to end encryption of SIP videoconferencing media (audio, video) between product and far-end conference peer | SRTP per RFCs 3711, 4568 |
| SIP Authentication | Authentication | Provides authentication of the product's SIP user agent credentials to the SIP Proxy/Registrar | Digest (RFC 2617) NTLMv2 |
| SNMP Agent | Authentication Integrity Confidentiality | Allows SNMP console applications to connect to the product over an encrypted SNMPv3 channel | SNMPv3 per RFC 2574, 3826 |
| Secure Shell (SSH) Server | Authentication Integrity Confidentiality | Provides a remote control/management interface over an encrypted SSH channel | SSH-2 per RFC 4251, 4252, 4253, 4254, 4255 |
| 802.1X Supplicant | Authentication Integrity Confidentiality | Allows product to authenticate to a Layer 2 switch that is using 802.1X for authentication using either hashed credentials over a clear channel (EAP-MD5) or over an encrypted TLS channel | EAP_MD5 EAP_TLS PEAPv0_MSCHAPv 2 TLS 1.0, 1.1, 1.2 |
| Exchange Calendaring Client | Authentication Confidentiality Integrity | Provides meeting invites for scheduled conferences when product is integrated with Microsoft Exchange Server | TLS 1.0 TLS 1.1 TLS 1.2 |

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|--|--|---|-------------------------------|
| LDAP Directory Client for External AD Authentication | Authentication Confidentiality Integrity | Allows product to authenticate user credentials with a Microsoft Active Directory Server over an encrypted TLS channel | TLS 1.0 TLS 1.1 TLS 1.2 |
| SIP Signaling Channel (Client) | Authentication Confidentiality Integrity | Carries SIP call signaling information between product and a SIP Proxy/Registrar Server | TLS 1.0 TLS 1.1 TLS 1.2 |
| IVR Announcement File Retrieval Client | Authentication Confidentiality Integrity | Allows the product to obtain Inbound Voice Response (IVR) announcement audio files from an external source as part of the “External IVR Service” feature. The files passed over this connection are the recorded audio announcements – they are loaded once at system initialization time and then are subsequently played by the RMX IVR subsystem. Examples of such announcements include ones such as “Thank you for calling. You have reached the automated attendant. Please enter the ID of the conference you wish to attend, and then press the ‘#’ key.” | TLS 1.0 TLS 1.1 TLS 1.2 |
| Management API Server | Authentication Confidentiality Integrity | Provides a local management interface over encrypted HTTPS (used for Web UI, REST API) | TLS 1.0 TLS 1.1 TLS 1.2 |
| SIP Signaling Channel Server | Authentication Confidentiality Integrity | Allows a SIP proxy server to send videoconferencing call signaling to the product on an encrypted TLS channel | TLS 1.0 TLS 1.1 TLS 1.2 |

Get Help

For more information about installing, configuring, and administering Poly/Polycom products or services, go to the [Poly Support](#).

Related Poly and Partner Resources

See the following sites for information related to this product.

- The [Poly Support](#) is the entry point to online product, service, and solution support information including Video Tutorials, Documents & Software, Knowledge Base, Community Discussions, Poly University, and additional services.
- The [Poly Document Library](#) provides support documentation for active products, services, and solutions. The documentation displays in responsive HTML5 format so that you can easily access and view installation, configuration, or administration content from any online device.
- The [Poly Community](#) provides access to the latest developer and support information. Create an account to access Poly support personnel and participate in developer and support forums. You can find the latest information on hardware, software, and partner solutions topics, share ideas, and solve problems with your colleagues.
- The [Poly Partner Network](#) is a program where resellers, distributors, solutions providers, and unified communications providers deliver high-value business solutions that meet critical customer needs, making it easy for you to communicate face-to-face using the applications and devices you use every day.
- The [Poly Services](#) help your business succeed and get the most out of your investment through the benefits of collaboration.
- [Poly Lens](#) enables better collaboration for every user in every workspace. It is designed to spotlight the health and efficiency of your spaces and devices by providing actionable insights and simplifying device management.
- With [Poly+](#) you get exclusive premium features, insights and management tools necessary to keep employee devices up, running and ready for action.

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