

## Poly Trio Solution

The following table presents product capabilities that the Poly Trio supports, but not necessarily requires. Requirements can vary based on your environment.

| Application                 | Encryption Function                            | Description   | Supported Protocols   |
|-----------------------------|--|---|---|
| H.323 Media Encryption      | Confidentiality<br>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<br>Integrity                   | End-to-end encryption of SIP videoconferencing media (audio, video) between product and far-end conference peer.  | SRTP per RFCs 3711 and 4568<br>AEAD_AES_256_GCM per RFC 7714<br>AES_256_CM_HMAC_SHA1_80 per RFC 6188        |
| H.323 Authentication        | Authentication                                 | Provides authentication of the product's H.323 endpoint credentials to the H.323 GK.  | H.235.1   |
| SIP Authentication          | Authentication                                 | Provides authentication of the product's SIP user agent credentials to the SIP Proxy/Registrar.   | Digest (RFC 2617)<br>NTLMv2   |
| Secure Shell (SSH) Server   | Authentication<br>Integrity<br>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<br>Integrity<br>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 (RFC 3748)<br>EAP-TLS (RFC 2716)<br>EAP-TTLS (RFC 5281)<br>EAP-PEAPv0 (RFC 2759)<br>TLS 1.2,1.1,1.0 |
| Exchange Calendaring Client | Authentication<br>Confidentiality<br>Integrity | Provides meeting invites for scheduled conferences when the product integrates with Microsoft Exchange Server over an encrypted TLS channel.  | TLS 1.2, 1.1, 1.0   |

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|---|--|---|----------------------------|
| External AD Authentication Client               | Authentication                                 | Allows product to authenticate user credentials with a Microsoft Active Directory Server over an encrypted TLS channel.   | TLS 1.2, 1.1, 1.0          |
| Lync Directory Client                           | Authentication<br>Integrity<br>Confidentiality | Allows product to retrieve enterprise directory entries from a Microsoft Lync server over an encrypted TLS channel.   | TLS 1.2, 1.1, 1.0          |
| LDAP Directory Client                           | Authentication<br>Integrity<br>Confidentiality | Allows product to retrieve enterprise directory entries from a Microsoft Active Directory-compatible server over an encrypted TLS channel.  | TLS 1.2, 1.1, 1.0          |
| SIP Signaling Channel Client                    | Authentication<br>Integrity<br>Confidentiality | Allows product to register to a SIP registrar/proxy server to access videoconferencing call services over an encrypted TLS channel.   | TLS 1.2,1.1,1.0            |
| Syslog Client                                   | Authentication<br>Integrity<br>Confidentiality | Allows product to post syslog entries to a remote syslog server over an encrypted TLS channel.  | TLS 1.2, 1.1, 1.0          |
| RealPresence Resource Manager Management Client | Authentication<br>Integrity<br>Confidentiality | Allows product to register with the Polycom RealPresence Resource Manager management server to obtain product provisioning and monitoring services over an encrypted TLS channel. | TLS 1.2, 1.1, 1.0          |
| Error Log Reporting Client                      | Authentication<br>Integrity<br>Confidentiality | Allows product to post error logs to Polycom over an encrypted TLS channel.   | TLS 1.2, 1.1, 1.0          |
| Software Update Client                          | Authentication<br>Integrity<br>Confidentiality | Allows product to check for and obtain software update images from a configured software update server over an encrypted TLS channel.   | TLS 1.2, 1.1, 1.0          |

| Application           | Encryption Function                            | Description  | Supported Protocols |
|-----------------------|--|--|---------------------|
| XMPP Client           | Authentication<br>Integrity<br>Confidentiality | Allows product to post its current presence state to a configured XMPP server and obtain presence information for other users/devices from the XMPP server, using an encrypted TLS channel.<br><br>Note: The product does not support XMPP chat service. | TLS 1.2, 1.1, 1.0   |
| Management API Server | Authentication<br>Integrity<br>Confidentiality | Provides a local management interface over encrypted HTTPS (used for system web interface, REST API).  | TLS 1.2, 1.1, 1.0   |

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### GETTING HELP

For more information about installing, configuring, and administering Poly/Polycom products or services, go to Polycom Support.

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