

## Poly CCX Business Media Phones

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

| Application                       | Encryption Function                         | Description   | Supported Protocols   |
|-----------------------------------|---|---|---|
| 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, 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 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 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 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   |
| 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   |

| Application                                     | Encryption Function                         | Description  | Supported Protocols |
|---|---|--|---------------------|
| Lync Directory Client                           | Authentication 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 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 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 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 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 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 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   |
| XMPP Client                                     | Authentication 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 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   |



# Getting Help and Copyright Information

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## GETTING HELP

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

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