

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 video conferencing 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 video conferencing media (audio, video) between product and far-end conference peer. | SRTP per RFCs 3711, 4568, 6188, 7714 |
| 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) NTLMv2 |
| 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 (RFC 3748) EAP-TLS (RFC 2716) EAP-TTLS (RFC 5281) EAP-PEAPv0 (RFC 2759) TLS 1.2,1.1,1.0 |
| Exchange Calendaring Client | Authentication 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 |

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|---|---|--|---------------------|
| Lync Directory Client | Authentication Integrity 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 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 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 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 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 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 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 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. Note: The product does not support XMPP chat service. | TLS 1.2, 1.1, 1.0 |
| Management API Server | Authentication Integrity 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

GETTING HELP

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

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