

Polycom® RealPresence® Collaboration Server (RMX) 1800

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.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)
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_MSCHAPv2 TLS 1.0, 1.1, 1.2
Exchange Calendaring Client	Authentication Integrity Confidentiality	Provides meeting invites for scheduled conferences when product is integrated with Microsoft Exchange Server	TLS 1.2,1.1,1.0

Application	Encryption Function	Description	Supported Protocols
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 1.2,1.1,1.0
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
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

Copyright and Trademark

Copyright© 2018, Polycom, Inc. All rights reserved. No part of this document may be reproduced, translated into another language or format, or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the express written permission of Polycom, Inc.

6001 America Center Drive
San Jose, CA 95002
USA

Trademarks

Polycom®, the Polycom logo and the names and marks associated with Polycom products are trademarks and/or service marks of Polycom, Inc. and are registered and/or common law marks in the United States and various other countries.



All other trademarks are property of their respective owners. No portion hereof may be reproduced or transmitted in any form or by any means, for any purpose other than the recipient's personal use, without the express written permission of Polycom.

Disclaimer

While Polycom uses reasonable efforts to include accurate and up-to-date information in this document, Polycom makes no warranties or representations as to its accuracy. Polycom assumes no liability or responsibility for any typographical or other errors or omissions in the content of this document.

Limitation of Liability

Polycom and/or its respective suppliers make no representations about the suitability of the information contained in this document for any purpose. Information is provided "as is" without warranty of any kind and is subject to change without notice. The entire risk arising out of its use remains with the recipient. In no event shall Polycom and/or its respective suppliers be liable for any direct, consequential, incidental, special, punitive or other damages whatsoever (including without limitation, damages for loss of business profits, business interruption, or loss of business information), even if Polycom has been advised of the possibility of such damages.

End User License Agreement

BY USING THIS PRODUCT, YOU ARE AGREEING TO THE TERMS OF THE END USER LICENSE AGREEMENT (EULA) AT: <http://documents.polycom.com/indexes/licenses>. IF YOU DO NOT AGREE TO THE TERMS OF THE EULA, DO NOT USE THE PRODUCT, AND YOU MAY RETURN IT IN THE ORIGINAL PACKAGING TO THE SELLER FROM WHOM YOU PURCHASED THE PRODUCT.

Patent Information

The accompanying product may be protected by one or more U.S. and foreign patents and/or pending patent applications held by Polycom, Inc.

Open Source Software Used in this Product

This product may contain open source software. You may receive the open source software from Polycom up to three (3) years after the distribution date of the applicable product or software at a charge not greater than the cost to Polycom of shipping or distributing the software to you. To receive software information, as well as the open source software code used in this product, contact Polycom by email at OpenSourceVideo@polycom.com.

Customer Feedback

We are striving to improve our documentation quality and we appreciate your feedback. Email your opinions and comments to DocumentationFeedback@polycom.com.

Polycom Support

Visit [Polycom Support](#) for End User License Agreements, software downloads, product documents, product licenses, troubleshooting tips, service requests, and more.