



DATA SHEET

Polycom® RealPresence® Video App SDK

Integrated and customized video collaboration

Video collaboration delivers unsurpassed levels of trust, understanding, and productivity. In today's workforce, individuals are often part of teams spread across cities, countries or even the globe. Leveraging video in these relationships, and improving productivity sometimes requires a customized experience that goes beyond the capabilities of general-use apps found in the consumer marketplace

Design

No two customers are identical, and often, even within the same organization, have different needs and priorities when it comes to collaboration. People approach their work from various levels of technical background, and expectations. Users shouldn't need to learn and use specialized applications in order to enable video for their communication needs. The design of any new business tool must be intuitive, and most importantly, fit within a person's daily workflow with minimal training or disruption. Whether you are developing a web-based application for PC's, Smartphones or tablets, the end user benefits from having video collaboration seamlessly integrated into the existing workflow. By leveraging industry-leading expertise through the Polycom® RealPresence® Video App SDK, developers can deliver a 'click to connect' experience. Collaborative sessions are feature-rich with engaging audio, video and content to one or more participants.

Develop

Not everyone has access to in-house software developers. And even if they do, not all in-house resources have the bandwidth or the necessary technical knowledge to develop a video collaboration app that meets their specific needs. Developing an application that fits within existing workflows, web portals or as a standalone app needs careful planning and a flexible software solution. Whether you need app support for creating a custom app or a turn-key solution, Polycom has the answer. Our SDK and App Development Service provides technical expertise to gather requirements, design, write, install and test the customized software applications to integrate video into your existing business applications and workflows.

Empower

With Polycom® RealPresence® Video App SDK, organizations can leverage existing infrastructure, room and mobile video collaboration while integrating into known tools and process. This integration saves valuable resources and drives a better return on investments. Teams are empowered with a level of trust, understanding, and productivity that only video collaboration can deliver. Individuals can connect with one another or large meeting rooms with a simple touch and be instantly connected around the globe. The consistent user interface enables users to easily adopt video into their DNA where video collaboration becomes second nature and productivity becomes top priority.



Benefits

- Rich feature-set that delivers in-room capabilities to the mobile professional
- Robust SDK that enables customization to meet the needs of virtually any workflow or use case
- BYOD support for top devices and operating systems
- Point to point and multipoint calling with a click
- Leverage industry-leading audio, video, and content

Product specifications

Video

- H.264, H.264 SVC, H.264 High Profile, H.264 SVC High Profile, H.263/H.263+
- Encode up to 720p/30 fps
- Decode up to 720p/30 fps
- Video LPR error resiliency

Audio

- G.711U, G.711A, G.722.1, G.722.1C, G.729, SAC
- Full duplex
- Automatic Gain Control (AGC)
- Acoustic Echo Suppression (AEC)
- Polycom® Siren LPR
- DTMF

Content

- BFCP
- Encode up to 720p/5fps
- Decode up to 720p/7.5fps

Network

- Wired 10/100 auto NIC (RJ45)
- Wireless WiFi: 802.11 a/b/g/n, 3/4G

Security

- AES-128 bit media encryption
- SIP-TLS/SRTP encryption

System Requirements

- Standard PC (up to 360p)
 - Intel Core 2 Duo 2.0 GHz
 - Intel Core i3 2 CPU's 1.6 GHz
 - Intel Core i5 2 CPU's 1.6 GHz
- Premium PC (up to 720p)
 - Intel Core i3 Dual Core 2.5 GHz (up to 15fps Tx, 30 fps Rx)
 - Intel Core i5 Quad Core 2.0 GHz (up to 30fps Tx.Rx)
- OS:
 - Windows 7, 8, 8.1 (Standard, Pro, Enterprise)
 - Apple Mac OS X 10.7 and above
 - Apple iOS 7,8
 - Google Android 4.5, 5.x

Browsers Supported

- Internet Explorer 8, 9, 10
 - Firefox 15 and above
 - Safari 6, 7, 8
- ### Development environment
- Windows 7
 - Apple Mac OS X 10.7.3 and above, iOS SDK 6.1 and above
 - Xcode 4.5.1 and above
- ### Implementation
- Server API: N/A
 - Client API: Refer to Client Developer Guide

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About Polycom

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

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