

Tech Specs and Interoperability

System Requirements

Windows PC

- Intel Core 2 Duo 2.5 GHz+, or AMD equivalent
- 2GB RAM (web browser), 4 GB RAM (Polycom RealPresence Desktop)
- Windows 7+
- Webcam
- Audio device (USB external speaker/headset recommended)

MAC

- Intel Core 2 Duo+
- 2GB RAM (browser), 4GB RAM (Polycom RealPresence Desktop)
- OS X Snow Leopard+
- Webcam
- Audio device (USB external speaker/headset recommended)

Apple iOS

- iPhone 4s+
- iPad 2+, iPad mini+, iPad Air+
- iOS version 7+

Android

- Android version 4.1+

Network Requirements

LAN/WIFI

- Minimum 128 kbps
- Recommended 512 kbps +

Mobile

- Minimum 3G
- Recommended 4G/LTE

Endpoints

Web Browser

- **Browsers:** Internet Explorer 11+ | Firefox 31+ | Chrome 35+ | Safari 8+
- **Video:** WebRTC on Chrome, H.264, H.264 High Profile, H.264 AVC/SVC
 - Up to 720p/30 fps (from 512 Kbps)
- **Audio:** WebRTC on Chrome, Automatic Gain Control (AGC), Acoustic Echo Cancellation (AEC), Polycom, Full duplex
 - G.711u/A, G.722.1C, Opus (Pro), Polycom Siren LPR, Polycom Acoustic Fence
- **Content Sharing:** HTML 5
 - Desktop and application sharing (dual monitor) – 720p/5 fps
 - Document Publishing: Adobe PDF (.pdf), Microsoft Office (.ppt, .pptx, .doc, .docx), Images (.jpf, .png, .gif, .bmp, and .svg)
 - Whiteboard/Blackboard with Annotation

Desktop client

- Polycom RealPresence Desktop (licensed download)
- **Video:** H.264, H.264 AVC/SVC High Profile, H.261/H.263+
 - Up to 720p/30 fps bi-directional
- **Audio:** Automatic Gain Control (AGC), Acoustic Echo Cancellation (AEC), NoiseBlock, Full duplex
 - G.711u/A, G.719, G.722.1C, G.722, G.728, G.729, Polycom Siren LPR/14, Polycom Acoustic Fence
- **Content:** H.239 (H.323), BFCP (SIP)
 - Desktop and application sharing (dual monitor) – 720p/5 fps

Room System

- H.323 or SIP endpoint
 - Polycom, Cisco/Tandberg, Lifesize, Sony, Radvision, Huawei, TelyHD, VTEL, and others
- **Video:** H.264, H.264 AVC/SVC High Profile, H.261/H.263+
 - Minimum CIF (from 64 Kbps), up to 720p/30 fps from 512 Kbps
- **Audio:** Automatic Gain Control (AGC), Acoustic Echo Cancellation (AEC), NoiseBlock, Full duplex, Polycom Acoustic Fence
 - G.711u/A, G.728, G.729A, G.722.1, Siren 14 G.722.1C, Siren 22 AAC-LD (TIP calls)
- **Content:** H.239 (H.323) and BFCP (SIP)
 - Desktop and application sharing (dual monitor) – 720p/30 fps

Endpoints

Mobile

- Polycom RealPresence Mobile (free app download)
- Android
 - **Video:** H.264, H.264 AVC/SVC High Profile
 - 180p/15 fps upstream
 - VGA/30 fps downstream
 - **Audio:** Polycom RealPresence Mobile: G.711u/A, G.722.1C, Polycom Siren LPR
 - **Content:** H.263, H.264, H.239
 - 720p/3 fps upstream
 - 720p/7.5 fps downstream
- iOS
 - **Video:** H.264, H.264 AVC/SVC High Profile
 - 720p/15 fps upstream
 - VGA/30 fps downstream
 - **Audio:** Polycom RealPresence Mobile: G.711u/A, G.722.1C, Polycom Siren LPR
 - **Content:** H.263, H.264, H.239/BFCP
 - 720p/3 fps upstream
 - 720p/5 fps downstream

Telephone

- PSTN (toll and toll free)
- Audio: G.711

Security

- General
 - Host and participant passcodes
 - Manual meeting lock down option
 - Endpoint registration option
- HTTPS tunneling (with H.323/SIP and browser plug in) via RealPresence Access Director
- H.460 firewall traversal
- AES-128 bit media encryption
- SIP TLS/SRTP SIP encryption