

## Basic WEBEX guidelines

Here's what you need to know about the requirements to join our meetings proper way.

### Bandwidth

Most **broadband connections** have a different upstream speed than the downstream speed. For example, some DSL providers offer 1.5 Mbps downstream, with 256 Kbps upstream connections. This would **not meet** the minimum connection requirement for proper meeting experience.

#### **Maximum bandwidth consumption of Sending and Receiving Video:**

High Definition Video (720p): 2.5 Mbps (Receive) and 3.0 Mbps (Send)

High Quality Video (448p): 1.0 Mbps (Receive) and 1.5 Mbps (Send)

Standard Quality Video (360p): 0.5 Mbps (Receive) and 0.5 Mbps (Send)

#### **Our recommendation to balance a business-quality video experience with bandwidth control to pick a speed of min 2 mb/s for a single video device**

### Windows

- Quad core 2.0 GHz or equivalent, min 2.0GB, 8GB RAM and more recommended
- Microsoft Windows 7 or newer 32 or 64 bit
- JavaScript and Cookies enabled. ActiveX Enabled for your pref. internet browser
- WHQL certified integrated sound device or compatible USB Audio/Video Device
- Analog or USB microphone connected and set up as default audio input required for two-way voice.
- Integrated or USB connected WebCam streaming device as default video input for video streaming

### Mac OS

- Intel-based Mac, min 2GB RAM or more recommended
- JavaScript and Cookies enabled
- Plugins enabled in Safari
- Mac built-in audio and mic configured and enabled is required for two-way voice.

Note: Some features are not supported on MacOS:

- USB-type headsets may not work correctly
- Animations/Transitions are not supported when sharing MS PowerPoint or Apple Keynote presentations

### Smart Device

Access from a mobile device is through a native app download. Please download the application directly on the device from the applicable App store (iTunes, Google Play).

Note that features/accessibility may vary between different devices and OS versions.