



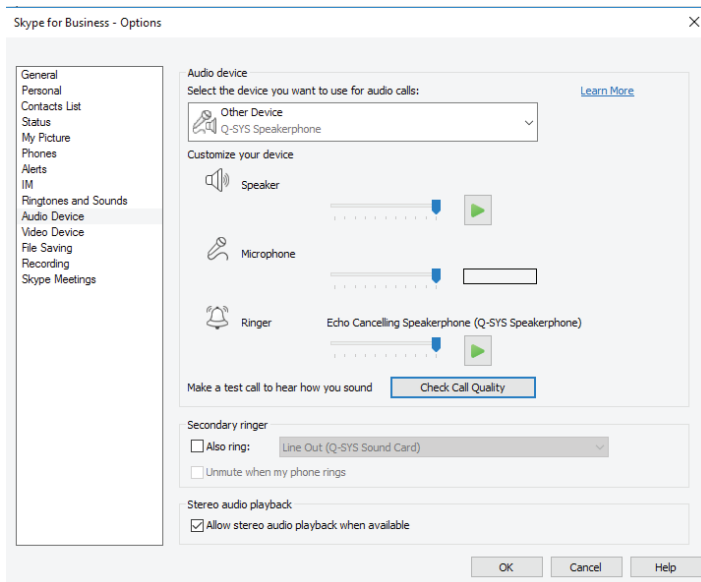
# Web Conferencing Application Setup

## for the Q-SYS™ Platform

This document applies to these common applications (often called “soft codecs”) used for web conferencing: **Skype for Business, Zoom, Adobe Connect, Cisco WebEx, Google Hangouts, BlueJeans, and FaceTime**

### Introduction

QSC Q-SYS AV bridging integrates well with such leading web conferencing applications as Skype for Business, Zoom, Adobe Connect, Cisco WebEx, Google Hangouts, BlueJeans, and FaceTime. This document details the setup procedures for these various web conferencing applications. Please note that these are not the only ones that Q-SYS supports—only some of the most common.

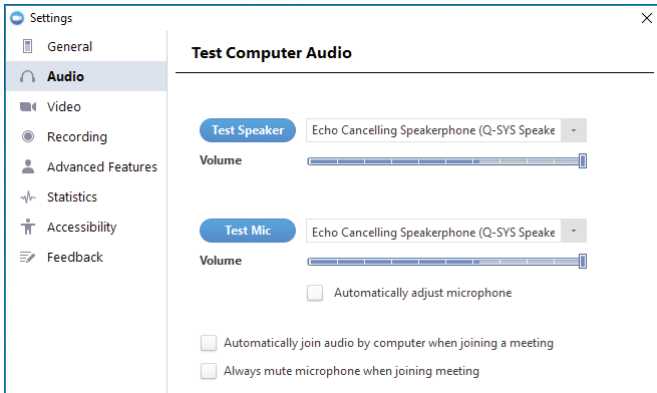
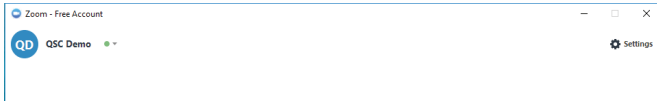


### Skype for Business

1. Open the Skype for Business application.
2. Go to **Tools > Options**. The **Skype for Business—Options** window will open.
3. Select **Audio Device**.
4. Under **Select the device you want to use for audio calls**, select the appropriate Q-SYS bridging device. The device names will have been defined already in **Q-SYS Designer Software**.
5. Select **Video Device**.
6. Under **Select the camera you want to use for video calls**, select the the appropriate Q-SYS AV bridging device. The device names will have been defined already in **Q-SYS Designer Software**.

Setup is complete.

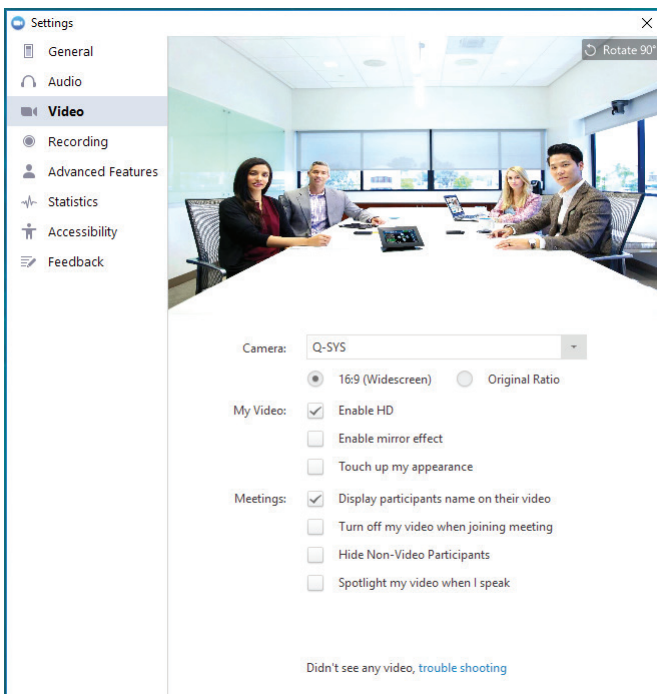
# Web Conferencing Application Setup for the Q-SYS Platform



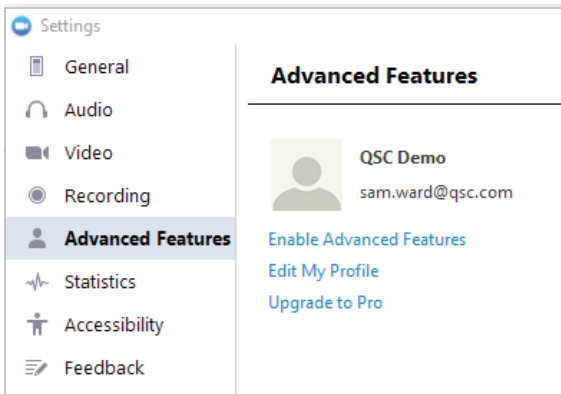
## Zoom

1. Open the Zoom application.
2. Click on **Settings**. It is the gear icon in the upper right corner of the window.
3. In the **Settings** window, select **Audio**.
4. For both **Speaker** and **Microphone**, select the the appropriate Q-SYS AV bridging device. The device names will have been defined already in **Q-SYS Designer Software**.
5. Clear the **Automatically adjust microphone** check box.
6. Select **Video**.
7. Under **Camera**, select the the appropriate Q-SYS AV bridging device. The device names will have been defined already in **Q-SYS Designer Software**.

Set the aspect ratio to **16:9 (Widescreen)** and select **Enable HD**.



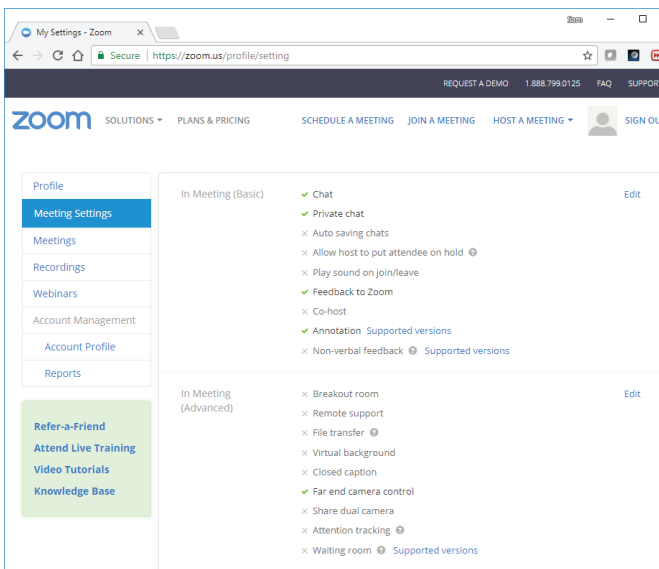
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8. To enable far-end control of the Q-SYS PTZ IP camera, select **Advanced Features**.

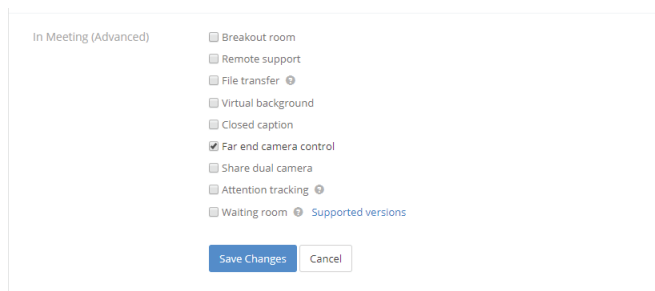
9. Click **Enable Advanced Features**.

This will open your browser to **https://zoom.us/profile/settings**.



10. Select **Meetings Settings**.

11. Under **In Meeting (Advanced)** click **Edit**.



12. Select **Far end camera control**.

13. Click **Save Changes**.

# Web Conferencing Application Setup

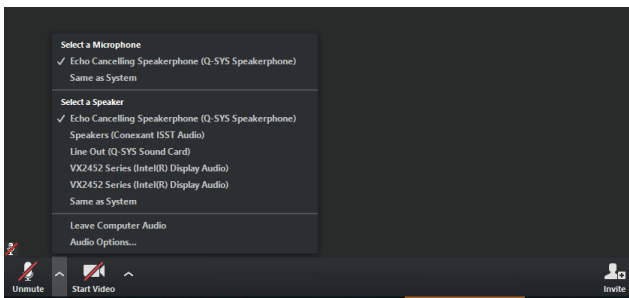
## for the Q-SYS Platform



Properties	
Core Properties	
Name	Core-1
Location	Default Location
Model	Core 110f
Is Redundant	No
USB Bridging	
USB Bridge Name	Core-1
UVC Camera Control	Enabled
USB Video Bridge	Enabled
USB Audio Bridge	Disabled

14. In Q-SYS Designer Software, under **USB Bridging**, enable **UVC Camera Control**.

Setup is complete.



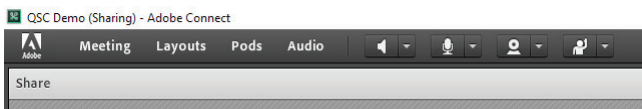
Note that the audio and video devices can be changed even during an AV conference call, if necessary.

To change audio settings, click the **^** button next to the **Mute / Unmute** button and then make your selections.

To change video settings, click the **^** button next to the **Start Video** button and then make your selections.

## Adobe Connect

Adobe Connect uses the computer's default device and communication settings. Dropdown menus under the loudspeaker, microphone, and video icons allow you to make adjustments.



The loudspeaker menu allows muting, unmuting, and volume adjustment.

The microphone menu allows you to select the microphone, adjust its volume, and mute (**Disconnect My Microphone**) or unmute (**Connect My Audio**) it. Select the **Q-SYS Speakerphone** if it is not already the default.

With the video menu you select or verify the Q-SYS USB Video Bridge and start the webcam USB stream. When the webcam has been started, the local Q-SYS USB video will display in a preview pane. To send video to the far end, select **Start Sharing**.

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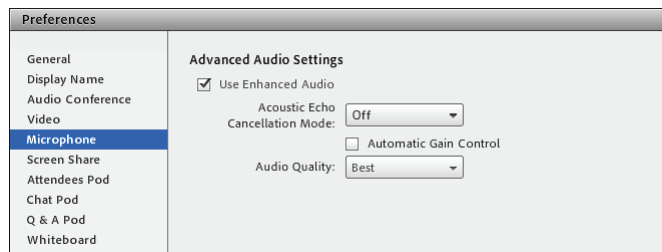


### Supplementary settings

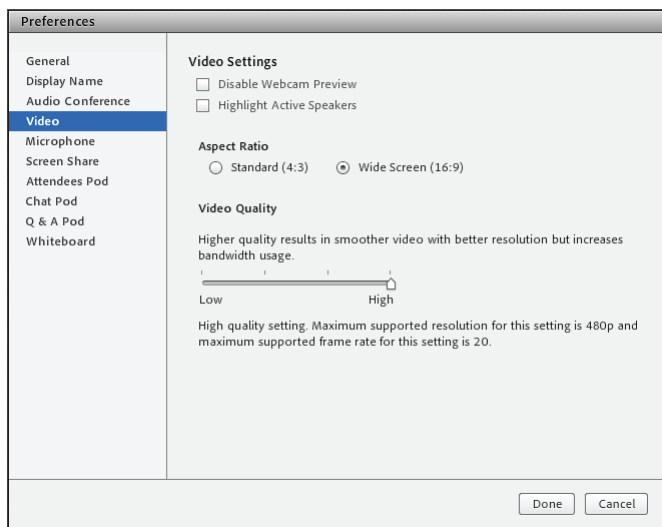
In the upper right corner of the main pane in Adobe Connect there is a **Pod Options** button. Its name appears when you hover the mouse pointer over it. Click the button and select **Preferences**. This opens the Preferences window, which gives you access to set desired options in these categories: **General**, **Display Name**, **Audio Conference**, **Video**, **Microphone**, **Screen Share**, **Attendees Pod**, **Chat Pod**, **Q & A Pod**, and **Whiteboard**.



1. Select **Audio Conference**. Select **Using Microphone (Computer/Device)**. Also select **Allow participants to use Microphones**.



2. Select **Microphone**. At **Acoustic Echo Cancellation Mode**, select **Off** so it will not conflict with Q-SYS acoustic echo cancellation.



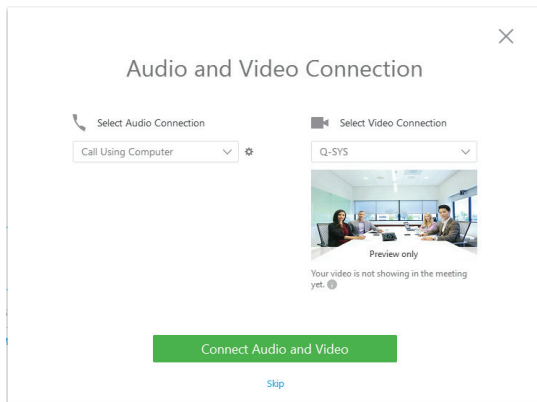
3. Select **Video**. Set the aspect ratio to **Wide Screen (16:9)** and the **Video Quality** slider to **High**.
4. Click **Done**.

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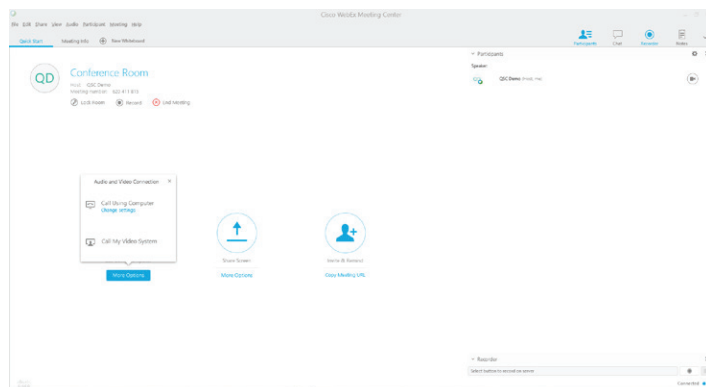


## Cisco WebEx

Cisco WebEx is a browser-based meeting application. When you start a meeting, the **Audio and Video Connection** configuration window will appear.



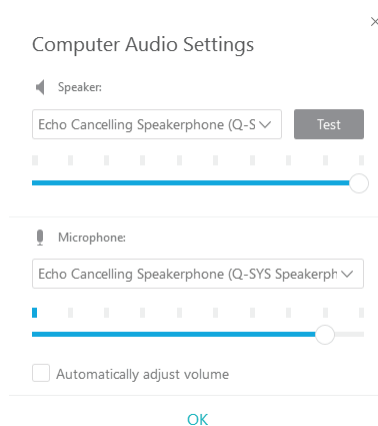
1. Click on **Select Audio Connection**. Select **Call Using Computer**.
2. Click the gear icon next to the drop-down-menu. In the pop-up window, select the **Q-SYS Speakerphone** as both the microphone and the loudspeaker. Click OK.
3. Click on **Select Video Connection**. Select the **Q-SYS USB Video Bridge**. A window previewing the local video will appear under the video connection information.
4. Click **Connect Audio and Video**.



## Live settings

Cisco WebEx allows management of audio and video devices after the initial setup or even during an AV conference call.

If audio is not connected for the call, click **Call Using Computer**, located beneath the handset icon. To access the audio settings, click **More options** and select **Change settings**. A window titled **Computer Audio Settings** will appear where you can alter the loudspeaker and microphone devices. Select the Q-SYS Speakerphone for both the microphone and the loudspeaker.



Click the gear icon in the upper right corner (the icon's name, **Set Video Options**, will appear when the mouse pointer hovers over it). Click **Camera** and select the **Q-SYS USB Video Bridge** device.

# Web Conferencing Application Setup

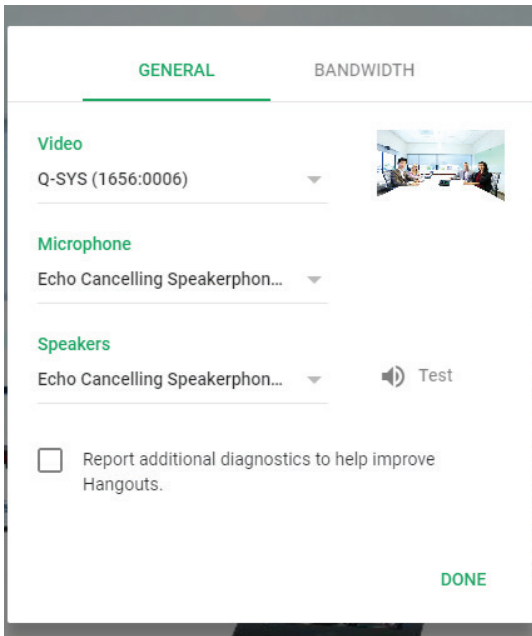
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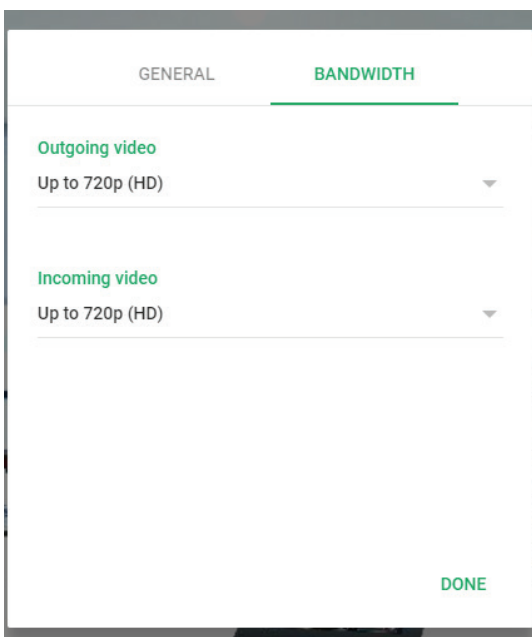
### Google Hangouts

To use Google Hangouts for a video conference call, go to <https://hangouts.google.com>. The first time you use Hangouts for a video call, you must allow it access to the microphone, the loudspeaker, and the camera (Q-SYS USB Video Bridge). Hangouts makes both video and audio settings available once a video call has started. In an audio-only call, only the audio settings would be available.

1. Start the video call and before you invite anyone, click the gear icon in the upper right corner.



2. In the **General** settings, select the appropriate source under **Video** (for example, the **Q-SYS USB Video Bridge**). Also select a source under **Microphone** (for example, the **Q-SYS Speakerphone**) and under **Speakers** (for example, the **Q-SYS Speakerphone**).



3. Under **Bandwidth**, select the highest video resolution available, **720p HD**. Click **Done**.

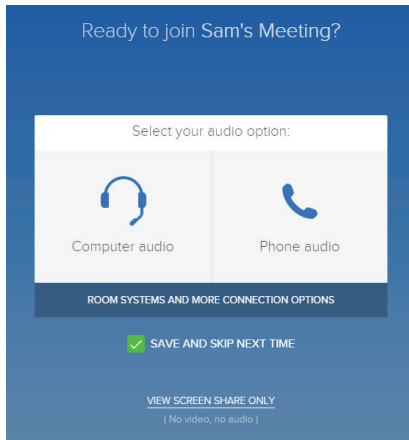
Note that the video preview in Hangouts is mirrored (i.e., reversed left and right) to make camera framing easier.

4. Initiate the call. During a call, the microphone and speaker settings can still be accessed and modified by clicking the gear icon.

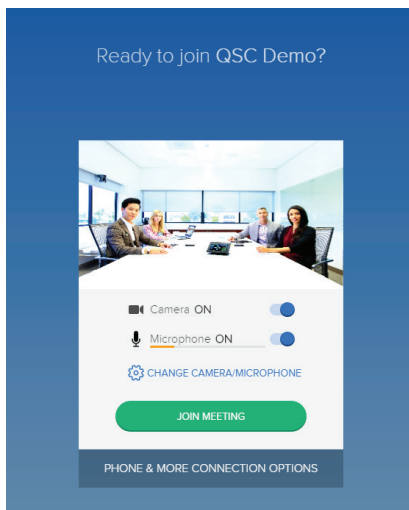
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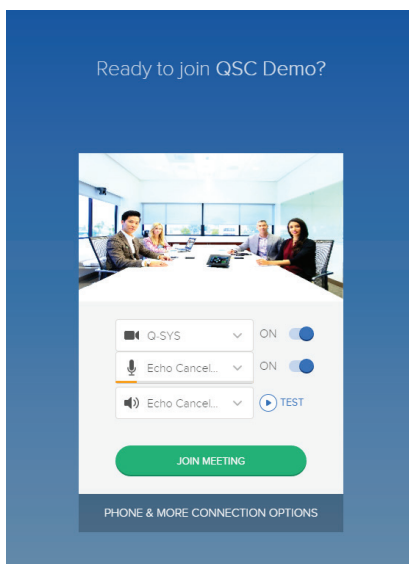
## BlueJeans



1. When you first open BlueJeans and join a meeting the software will present a choice of two audio options. If you wish to bypass this step the next time you use BlueJeans, select **Save and Skip Next Time**. Click **Computer audio**.



2. Click the **Camera ON** and **Microphone ON** buttons.
3. If this is the first meeting on this installation of BlueJeans or if the camera, microphone, or loudspeaker configuration must change, click **Change Camera/Microphone**.



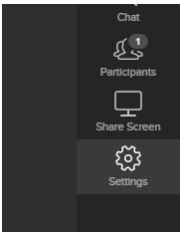
For camera, microphone, and loudspeaker options, select the appropriate Q-SYS AV bridging device. The device names will have been defined already in **Q-SYS Designer Software**.

4. Click **JOIN MEETING**.

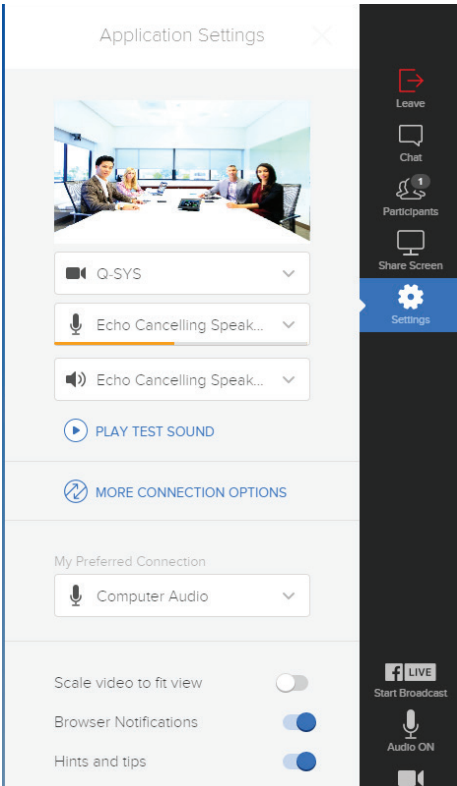


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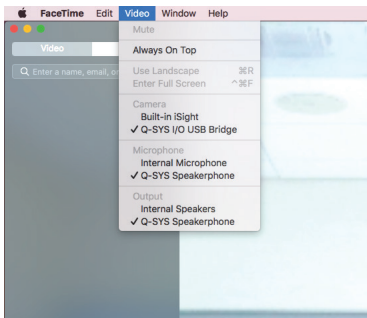


5. If you need to update settings after you have joined a meeting, click **Settings** in the upper right corner of the BlueJeans window.



Make the necessary configurations.

# Web Conferencing Application Setup for the Q-SYS Platform



## FaceTime

FaceTime is a soft codec developed by Apple Inc. that runs on Apple-specific hardware running either macOS or iOS.

1. Open **FaceTime**. Click **Video**.
2. Under **Camera**, **Microphone**, and **Output**, select the appropriate Q-SYS AV bridging device. The device names will have been defined already in **Q-SYS Designer Software**.

Because many FaceTime users use mobile devices, its default video image orientation is portrait. This would not be ideal in a conference room situation because it will then crop the near-end and far-end video streams.

3. To flip the picture orientation, hover the mouse pointer over the near-end video image. (The image will typically be in the upper-right corner of the window.)

A flip icon will appear when the pointer hovers over the image. Click on the flip icon. The near-end video stream will change to landscape at both the near and far ends. Video displayed at the far end, however, may stay in a portrait orientation until the far-end user flips those images also.

If the far-end device is a mobile one, the user may prefer to keep it in portrait orientation, but he or she may also rotate the device to landscape to match the conference room video. Rotating the device will automatically change the orientation unless the device has **Portrait Orientation Lock** engaged.

