

Webex AirPad Setup Guide

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Version 1.0

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Revisions

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Change Authority Customer Experience, Cisco

DCP Reference N/A

History

Version No.	Issue Date	Reason for Change
0.1	29 August 2024	Draft
0.2	29 August 2024	Added Certificate upload to device
0.3	30 August 2024	Updated AirPad name
1.0	30 August 2024	Published
1.1	19 February 2025	FEATURE ADD: Move to stage, Camera Controls

Overview

In today's hybrid workforce environment, it is not always feasible to provide users with a wired controller accessible within their workspace. AirPad addresses this challenge by offering a web-based solution that enables users to connect to their Webex Device and efficiently start and manage meetings from any device equipped with a web browser. Utilizing an iPad in conjunction with the Guided Access feature, administrators can configure a dedicated wireless controller on their iPad, thereby facilitating a versatile and mobile control solution.

Known limitations

- Macros will not be displayed on the Webex Room Controller
- Features differ between the Room Navigator and the Room Controller

AirPad Feature List

- Start / Join a Webex, Zoom and Goggle meeting
- Hybrid Calander with Singe Button to Push
 - Support for Webex, Zoom, Google and Microsoft Teams
- Start and answer calls
- Calling directory Search
- Share
 - USB-C, HDMI and Webex Share
- Volume control
- Camera controls
 - Self-view on / off and location
 - Self-View Full screen on / off
- In meeting controls
 - Mute
 - Start / Stop video
 - Share
 - Keypad
 - Leave / end meeting
 - Layouts
 - Reactions
 - Camera self-view controls
 - Camera Controls
 - Group, Frames, Speaker and Presets (manual)
 - Saved presets
 - Participants
 - Move to stage



Prerequisites

- AirPad server has been deployed on your enterprise
- Webex Devices have been configured with enterprise certificates
 - If using MDM

Configure the Room App

1.1 Local iOS setup

Create a Web Clip for the Webex Wireless Controller. Web Clips is a feature designed to enhance the accessibility of your web links, eliminating the need to open a browser each time. When implemented, they appear as icons indistinguishable from other applications on your device.

To create a Web app on your iOS device, follow the below steps:

1. Open the Safari app and navigate to the AirPad server
2. Once on the web page click the share button
3. Select "Add to Home Screen"

1.2 MDM configuration

Please reference your MDM documentation to complete the below steps.

1. Create a new Profile called "Webex_Controller"
2. Create a new Web Clip
 - a. Provide a name, AirPad
 - b. Provide the URL of the WRC server
 - c. Upload an icon to be used for the app
 - d. Make the app full screen
 - e. Save
3. Create a restrictions profile that meets your enterprises security requirements.
 - a. Hide all apps except the Web clip app created above
 - b. Save
4. Create a home screen layout that shows only the Web Clip created above
5. Create a new Managed Certificate profile
 - a. Upload the Root CA and any Issuing CA used on the Webex Devices and the AirPad Server
 - b. Save
6. Assign the iPads to this new profile

1.3 Create local account on Webex Device

To access the APIs on the Webex Device, it is necessary to create a local username and password. This account should be exclusively used for the Webex Room Controller. As a best practice, it is recommended to assign a unique password for each device and to rotate passwords regularly.

1. Log into the Webex device web admin interface
2. Under Setup -> Users
 - a. Create a new user account
 - b. **ONLY the RoomControl, Integrator and User roles should be checked**
3. Create a password and make sure "Require Passphrase change on next user sign" in is unchecked
4. Click Save User

1.4 Upload Certificate to a Webex Device

To ensure a seamless user experience, it is considered best practice to establish a TLS trust between AirPad and the Webex Device. Utilizing your enterprise certificate authority, you can issue an identity certificate to each Webex Device to facilitate this trust.

Please note: In the identity certificate for the Webex Device, it is essential to include the device's IP address under the Subject Alternative Name (SAN). To ensure the Webex Device consistently receives the same IP address, it is advisable to configure a DHCP reservation on your DHCP server for this IP mapped to the Webex Device's MAC. This step is necessary only for devices utilizing the Webex Room Controller.

1. Log into the Webex device web admin interface
2. Under Setup -> Security
3. Select the Custom tab on top and upload your Root and Issuing CA's
4. Under services upload your Certificate and Private Key provided by your CA administrators
5. Once uploaded enable the HTTPS option for the new certificate you uploaded under the Existing Certificates section
6. Reboot the device for the new certificate to take affect

Guided Access

Guided Access restricts the device to a single application, specifically the AirPad app in this instance, ensuring that only this application can be utilized on the iOS device.

Set up Guided Access

1. Go to Settings > Accessibility, then turn on Guided Access.
2. Tap Passcode Settings, then tap Set Guided Access Passcode.
3. Enter a passcode, then re-enter it.
4. Under Display Auto-lock select how long until your iPad screen turns off with no interaction. In some cases, setting the screen to never turn off may be required.



Start a Guided Access session

1. Once Guided Access is configured open the AirPad app

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2. On an iPhone X or later, triple-click the side button. On an iPhone 8 or earlier, triple-click the Home button.
 3. On the bottom left side of the screen, click “options” and make sure all are options are enabled except “Time Limit”
 4. Then tap Start.

End a Guided Access session

Triple-click the Side or Home button, enter your Guided Access passcode, then tap End.

Login / out of AirPad

Log into the Webex Room Controller

Log into AirPad by entering the Host IP or DNS name of the Webex Device. Then enter the username and password of the account you created earlier in this document.

Connect to a Cisco device

Log in with the admin user linked to the device.

Host

Username

Connect

[How to connect?](#)

If using the local iOS setup, it may be necessary to accept the certificate of the device you're trying to access. Once you have entered the above information and you see an error saying, "that didn't work" and you know you have entered the correct username and password click "see tips for help" option.

Connect to a Cisco device

Log in with the admin user linked to the device.

192.168.11.110

control

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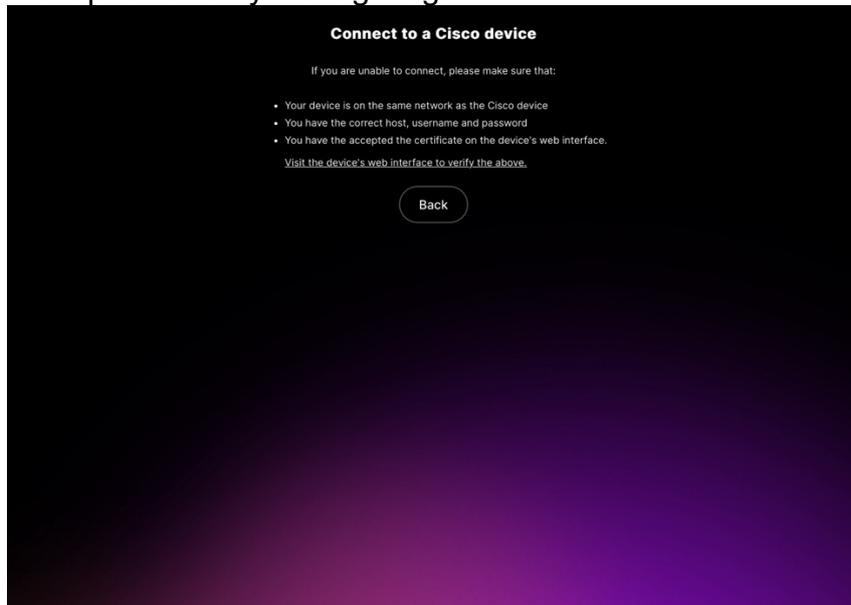
That didn't work.

[See tips for help](#)

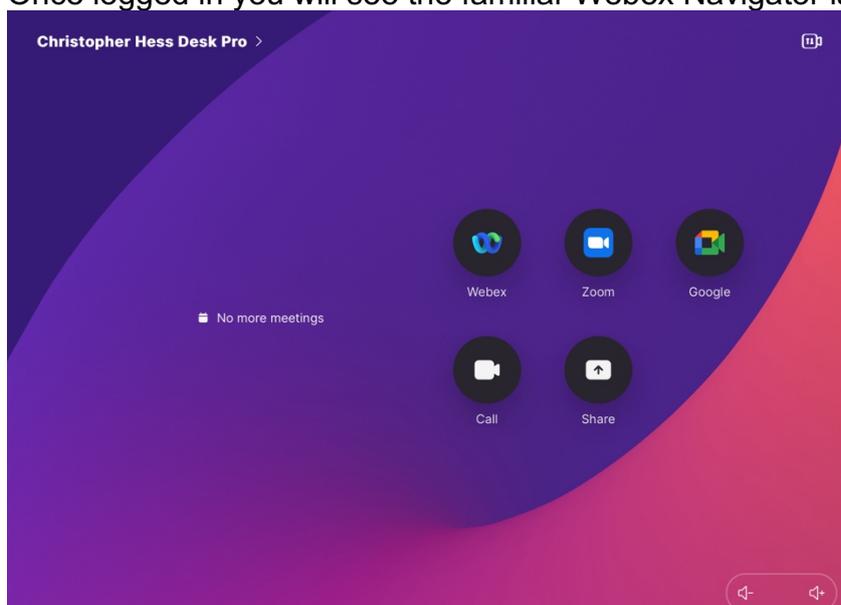
Connect

[How to connect?](#)

Select "Visit the device's web interface to verify the above". Once redirected click to continue to this web page. You will now see the devices login screen, click done on the top left and try the login again.

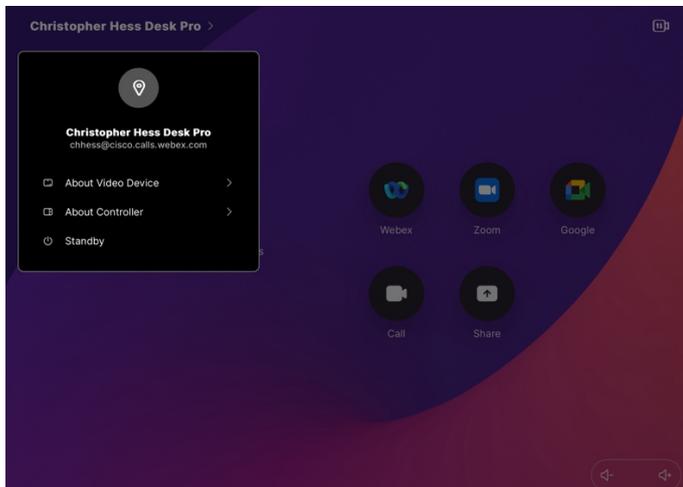


Once logged in you will see the familiar Webex Navigator layout.



Log out of AirPad

1. Click the device name on the top left of the screen
2. Click “about Controller”



3. Click “Unpair from device” to disconnect from this Webex Device

