Solstice Conference User Guide

Updated January 27, 2022

Table of Contents

Solstice Conference Overview

Solstice Conference is a software-enabled capability that enhances video conferencing with rich, multi-participant content sharing to deliver a better collaboration experience between onsite and remote users. Solstice Conference paired with room audio/video devices delivers the convenience of a traditional room system with the flexibility to use any conferencing service installed on the meeting host's laptop.

Solstice Conference allows you to use Solstice with most laptop-based conferencing apps to add meeting support for remote attendees in Solstice-enabled rooms. Solstice Conference offers the flexibility to use the conferencing service of choice and provides wireless connectivity to room audio/video devices attached to the Solstice Pod via USB. Solstice Conference can be enabled for all Gen3 Pods on the latest version of Solstice. A current Solstice Subscription is needed to utilize the Solstice Conference capabilities.

Key Capabilities

- Leverages web conferencing applications running on local users' laptops.
- Enables meeting hosts to wirelessly connect to plug-and-play USB devices attached to the Pod to share room audio/video in the web conference.
- Uses integrated room and personal calendars to support a one-step start for scheduled web conferences.
- Allows the meeting host to share the full in-room display to the web conference so remote users can see everything happening on the display, including multi-source content sharing, mark up, and more.

System Requirements

- Gen3 Solstice Pod on the latest Solstice software version
- Current Solstice Subscription
- Meeting host laptop (Windows or macOS, recommended specs below)
- Latest version of the Solstice app with the bundled Solstice Conference capability installed (required for meeting host)
- 3rd-party web conferencing application for meeting host and remote users (not required for other on-site meeting participants)
- Solstice Discovery Service (SDS) strongly recommended; required for one-step start of scheduled web conferences
- USB room camera and/or audio devices (optional) - (verified supported device list)
- Microsoft Exchange, Office 365, or Google Workspace calendar integrations (optional)

Host Laptop Minimum Specs

Solstice Conference capabilities are supported on laptop devices that meet or exceed the following requirements. Meeting host laptops should meet the minimum specs listed below. Other on-site meeting participants can wirelessly share content to the Solstice display using the Solstice app installed on their laptops or mobile devices. As a note, the meeting host capability for Solstice Conference is not supported on mobile devices.

> Using the Solstice app only for wireless content sharing, control, and markup does not require the device to meet the minimum specs listed below. For more information, see Solstice User App.

Minimum Hardware Recommendations for Meeting Host Laptops

Windows

Operating System	Windows 10 version 1903 or later
Minimum Specs	Intel i5 quad core processor(6th Gen or newer); 8GB memory; processor speed of 1.6 GHz/min or better.
Important Notes	- Laptop machines with dual-core processors not currently supported. - Microsoft Surface laptop devices and similar tablet-like devices are not currently supported, including (but not limited to) Microsoft Surface Laptop, Surface Book, and Surface Pro.

> To check your laptop specs, open Command Prompt, enter "dxdiag", then run.

MacOS

Operating System	Catalina 10.15 or later
Minimum Specs	Intel i5 quad core processor; 8GB memory; processor speed of 1.2 GHz or better

		Apple M1 devices are supported; however, some M1 devices may experience performance issues. Mersive is currently working to resolve this.
Important Notes		• Laptop machines with dual-core processors not currently supported.
		• Macbook Air 2021 laptops can be used with Solstice Conference; however, older Macbook Air laptops are not currently supported.

> If you are using a 4K laptop, Mersive recommends scaling your screen resolution down to 1080p when using Solstice Conference.

Supported Conferencing Services

Below are the supported conferencing services depending on the operating system of the meeting host laptop. For support listed as "browser-based version only," Solstice Conference's full functionality (i.e. the ability to share the Solstice display to remote users via the conferencing application) is only supported in the browser-based version of that conferencing application.

> For best compatibility, check that your video conferencing software is updated to the latest version.

	Windows	macOS	Notes
Zoom	Full	Full	
Teams	Full	Browser-based version only*	Microsoft will fix 3rd-party support.
Webex	Browser-based version only*	Browser-based version only*	Windows: To share display, select Pod name.
GoToMeeting/LogMeIn	Full	Full	
Blue Jeans	Full	Partial	Windows: To share display, use browser app.
Google Meet	Full	Full	

Chime	Full	Partial	Windows: To share display, use browser app.
RingCentral	Full	RingCentral Video online (browser-based) only*	RingCentral Meetings was retired by RingCentral. Mersive is working to add RingCentral app support on macOS.
Slack	Full	Browser-based version only*	

*Chrome, Firefox, Microsoft Edge, and Safari browsers supported

How to Use Solstice Conference

These instructions outline steps for **meeting hosts** to use Solstice Conference to bridge their web or video conference to Solstice.

Scheduled Conferences vs. Non-Scheduled Conferences

Scheduled conferences are those which are scheduled on a room calendar integrated with a Solstice Pod, or those which are scheduled on a personal calendar integrated in the Solstice app. The details for the conference - e.g. Meeting ID, Passcode, etc. - need to be included in the body of the scheduled event. Clicking **Start** will connect the Pod to the scheduled conference (see Launch a Scheduled Web Conference). If conflicting conferences are scheduled simultaneously in the Pod's calendar and in the meeting host computer calendar, the Solstice app will start the conference specified for the meeting host computer.
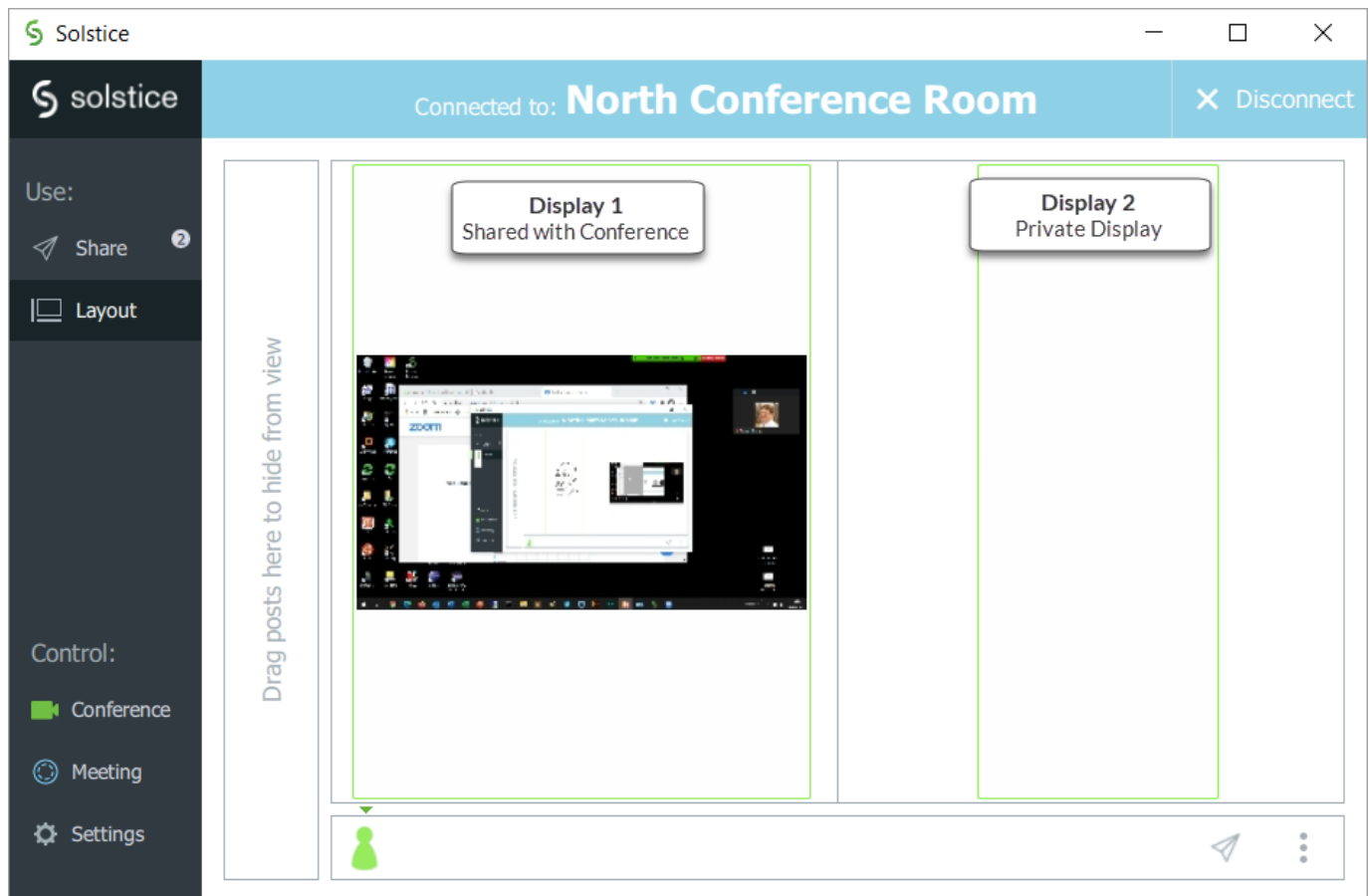
Mersive recommends that you start Solstice Conferences using scheduled conferences.

However, Solstice can also "bridge" into a non-scheduled conference. If a remote conference is currently in progress, you can connect to the Pod and then click **Bridge without a calendar event,** and then click **Start**. After you are connected to Solstice you can then connect to the remote conference using your conferencing application and share the Solstice screen with the conference. (See Bridge an In-progress Meeting to Solstice Conference.)

Using Solstice Conference with Dual Displays

If the Pod is using dual displays, the display shared to the conference will be the display connected to HDMI 1 of the Pod. The screen connected to HDMI 2 will be labeled as a Private Display and will be visible to participants in the room but will not be shared as part of the conference. In the Solstice app layout screen, the display shared with the conference is the screen on the left.
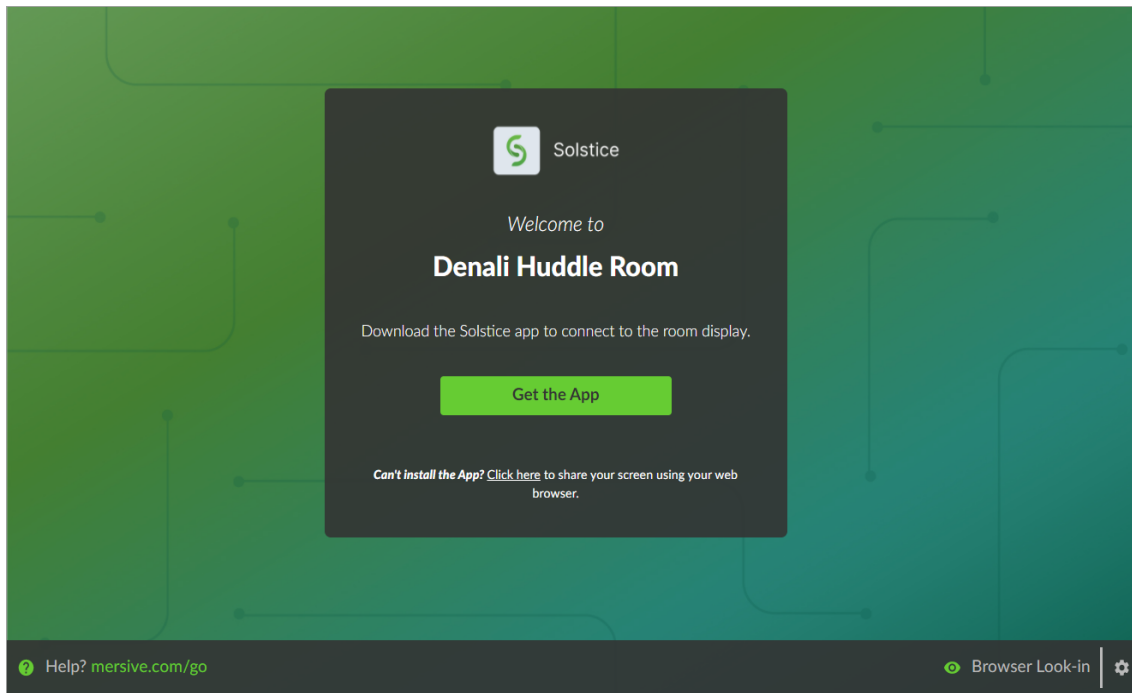
Example Dual Screen Layout in Solstice App

How To

| Install the Solstice App and Solstice Conference

Below are the steps you can take to download and install the Solstice app and additional Solstice Conference capabilities.

1. Open a browser on your laptop device and enter the IP address visible on the Solstice display. The Solstice Quick Connect page opens.

2. Click the **Get the App & Join** button.

3. If you are on a laptop PC:

   a. The Solstice app installer (SolsticeClientWin.exe) will download. Click the downloaded file to install the Solstice app.

   b. Once installed, the app will open automatically.

   c. To install Solstice Conference, go to Conference tab and click **Install**.

   d. Walk through the InstallShield wizard to install Solstice Conference.

   > Installing Solstice Conference requires elevated permissions. If you do not have elevated permissions, contact your IT administrator.

Enable Solstice Desktop Sharing on macOS

Depending on your macOS security settings, you may need to give the Solstice app permission to record your desktop to be able to share it to the Solstice display. Follow the directions below to ensure the necessary permissions have been set before using Solstice Conference.

1. Open your Solstice app and connect to a Solstice display.

2. On the **Share** panel, click **Desktop**. If desktop sharing permission is needed, a message will appear with brief directions for enabling it.

3. Open **System Preferences** from the Dock or the Apple menu, then select **Security & Privacy**.

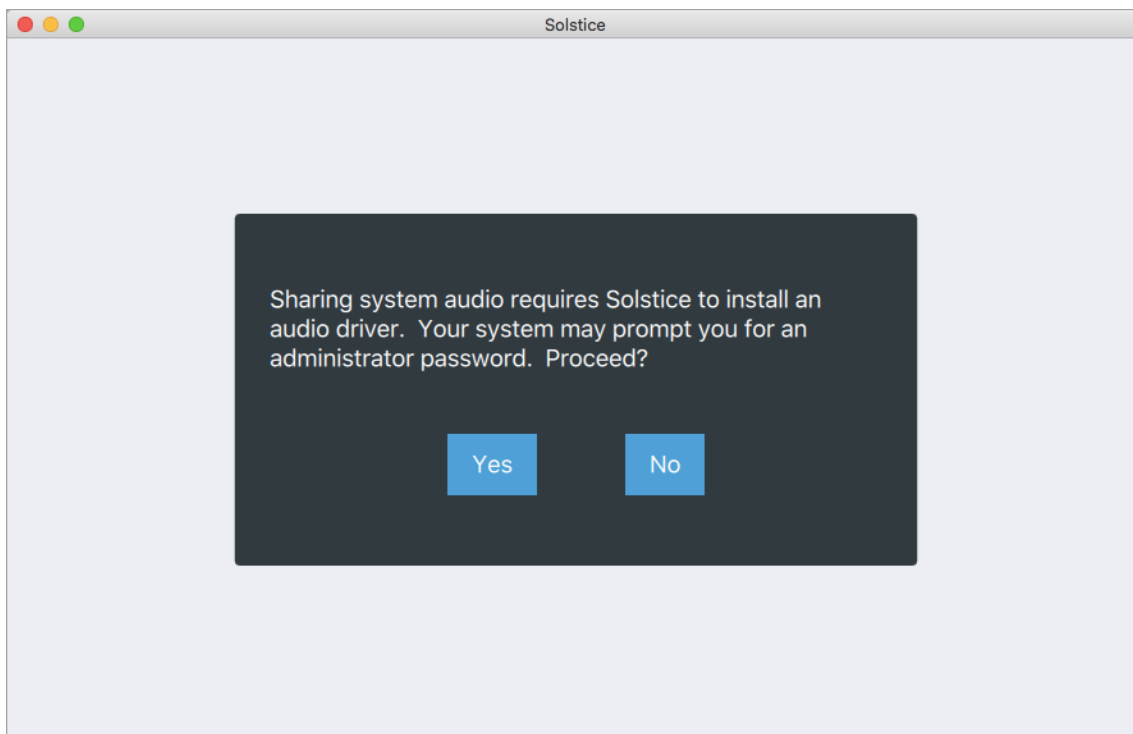4. Go to the **Privacy** tab and select **Screen Recording** from the list on the left.

5. If needed, lick the lock icon in the lower left and enter the password to change permissions on your Mac.

6. If the **Mersive Solstice** app appears on the right, check the box next to it to give it permission to share your desktop to a Solstice display. Then skip to step 8.

7. If Mersive Solstice does not appear in the allowed apps list on the right, do the following:

   a. Click the **+** button below the apps list.

   b. Navigate to the location of the Mersive Solstice app.

    c. Select **Mersive Solstice** and click **Open** to add it to the apps list. It should be automatically given screen recording permission.

8. When Mersive Solstice has been checked, you will be prompted to **Quit & Reopen** to restart the Solstice app so the change will take effect.

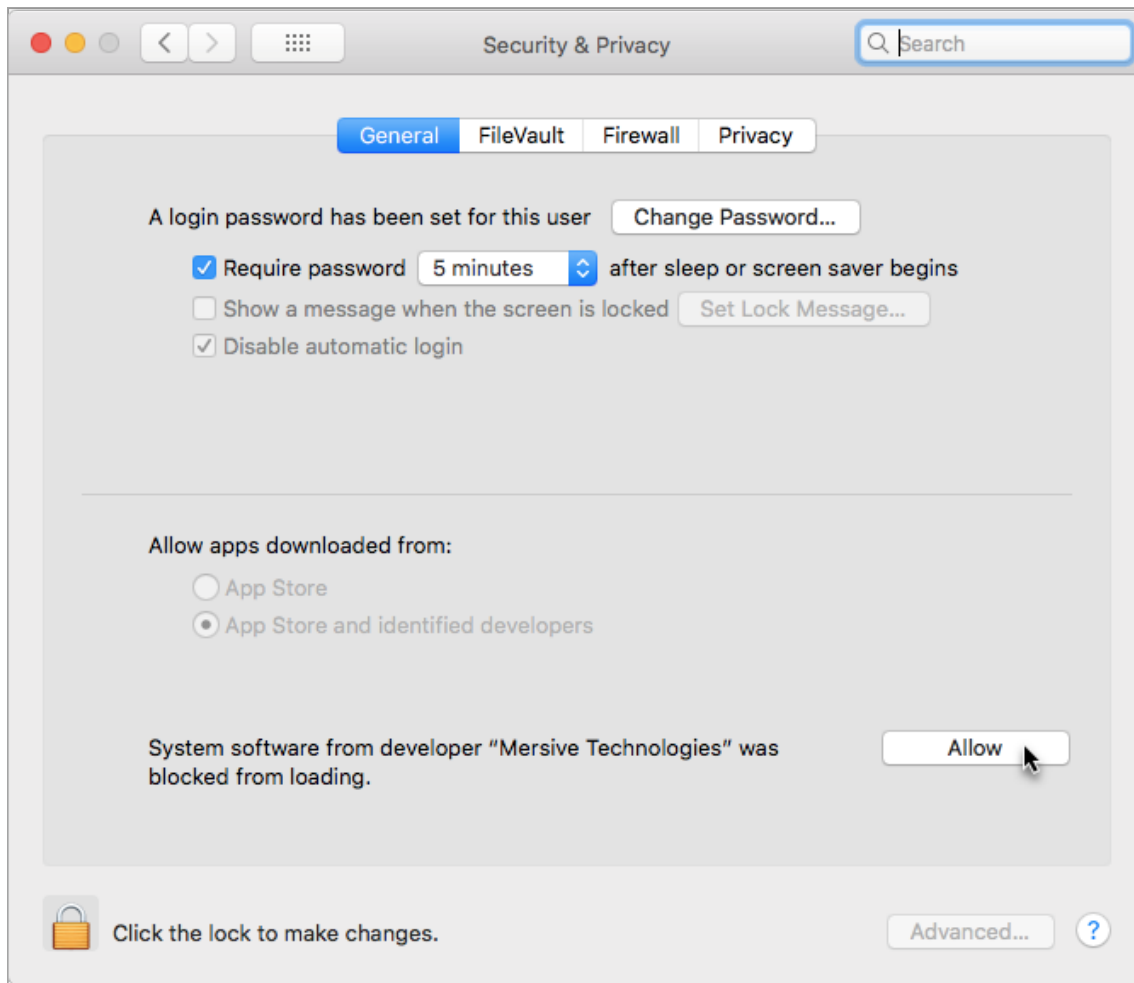---

Enable Audio for Desktop Sharing on macOS

Depending on your macOS security settings, you may need to enable desktop audio access for the Solstice app in order to access the full Solstice content sharing functionality.

1. Open your Solstice app and connect to a Solstice display.

2. On the **Share** panel, click **Desktop**. The Solstice app will minimizes. Click **Sharing Desktop** at the top of your screen to un-minimize the app.

3. If **Auto share audio with desktop** is enabled (default) in Settings > Control, audio sharing should be enabled automatically. If it is not, click the speaker icon after the name of the connected Solstice display to turn it on.
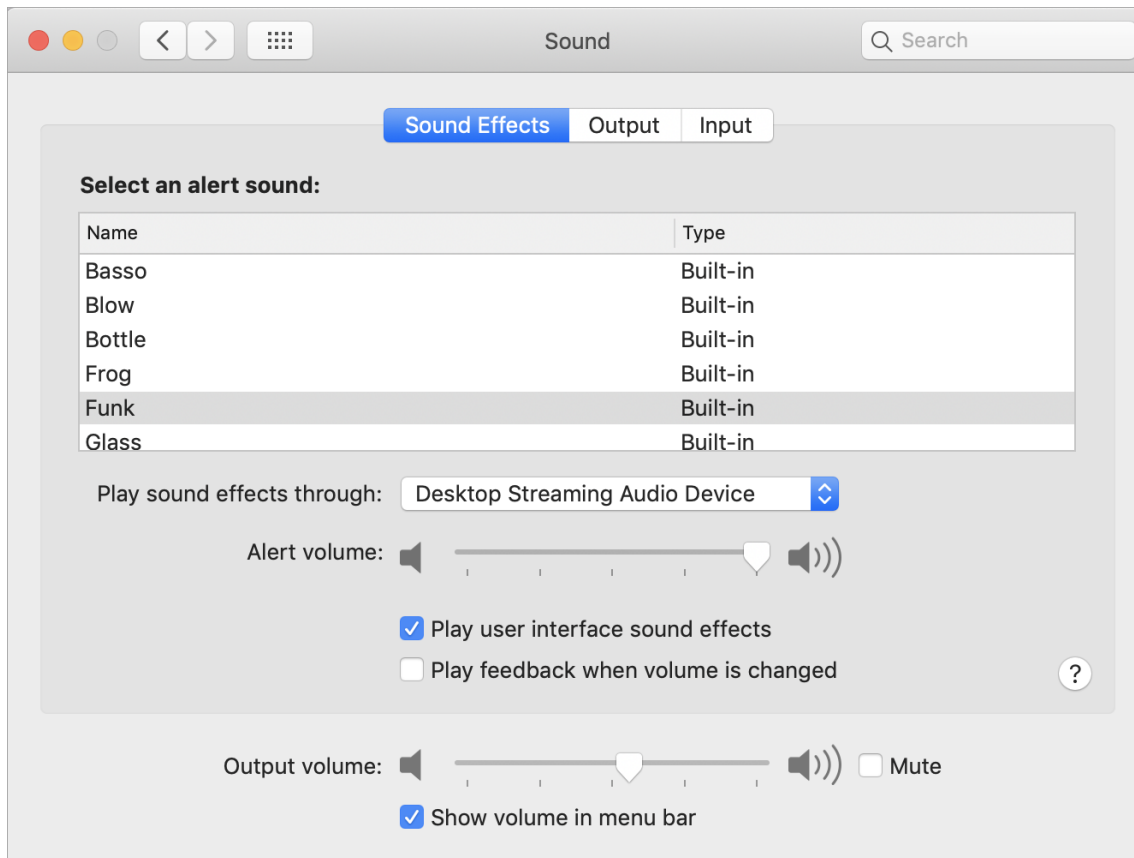
4. In the prompt that appears, click **Yes**.

5. If needed, enter your admin password and click **OK**. A System Extension Blocked pop-up should then appear.

6. Click **Open Security Preferences** to open the Security & Privacy settings.

---

7. Next to 'System software from developer "Mersive Technologies" was blocked from loading', click **Allow**.

8. Open **System Preferences** > **Sound**.
9. From the **Play sound effects through** drop-down, select **Desktop Streaming Audio Device**.

10. Check the **Show volume in menu bar** option.

11. Go back to the Solstice app, stop sharing, and click **Disconnect**.

12. Reconnect to the Solstice display, then share your desktop. Your desktop audio will automatically be streamed to the in-room display.

> If your desktop audio isn't streaming to the display, make sure the speaker icon after the connected display name in your Solstice app isn't turned off (appearing with a red slash), and that Desktop Streaming Audio Device is selected from your Mac's Volume control.

Integrate Your Personal O365 Calendar

By integrating your O365 calendar with your Solstice app, Solstice can launch web conferences scheduled on your personal calendar when you connect to a Solstice display, making it easier to meet with remote participants. This capability is supported for Windows or macOS laptops only.

When integrating your calendar, you will be prompted to sign into your Office 365 account using the secure Microsoft Graph API OAuth2 authorization flow. Microsoft will present you with the option to grant Solstice read-only access to your calendar. This allows the Solstice App to retrieve your calendar entries for upcoming meetings and enable a one-step start for scheduled video conferences.

1. In the Solstice desktop app, click **Settings** > **Conference**.

2. In the **Calendar integration** section, click **Sign in with Microsoft**. The Microsoft Online login page will open in a web browser.

3. Enter your Microsoft O365 login credentials and sign in. If successful, the browser will display a "Success" message.

4. Close the browser and return to your Solstice app.

> If you are unable to save your O365 credentials and are prompted to re-enter them each time you launch the Solstice app, the Credential Manager service in Windows may have been disabled by your IT team.

5. If you wish to disconnect your O365 calendar at any time, go back to **Settings** > **Conference** > **Calendar integration** and click **Sign out**.
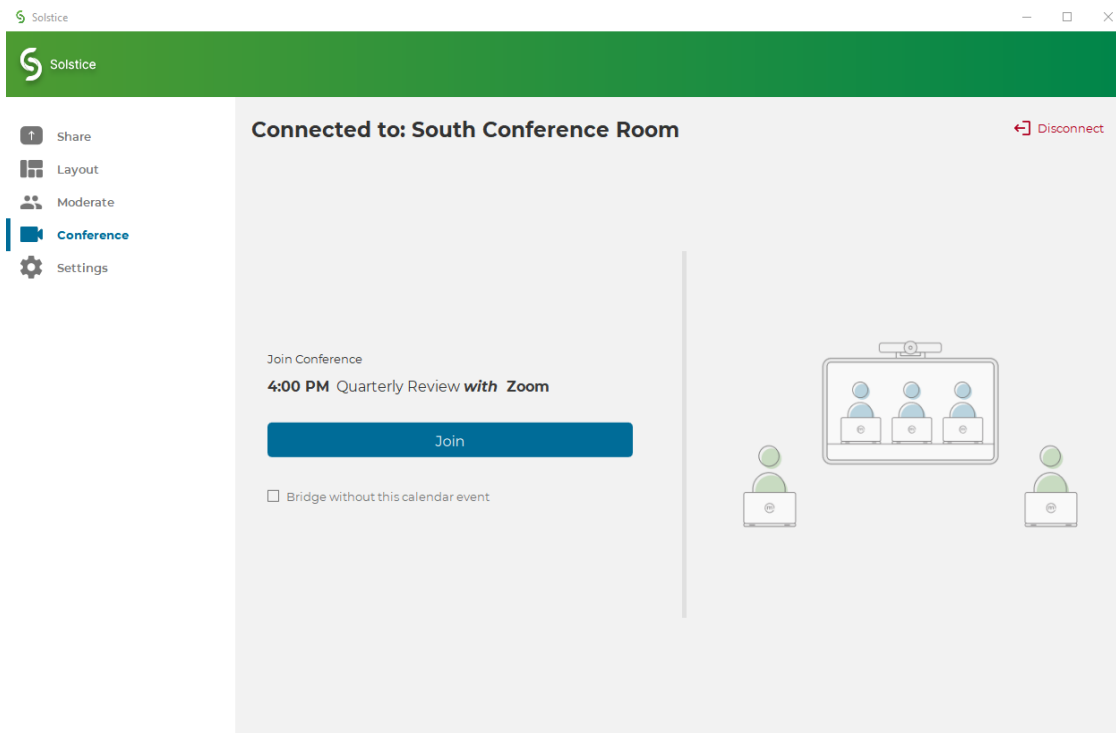
> If your O365 calendar is authenticated with Azure AD, your IT administrator may need to grant admin consent for the Solstice user app in the Azure Active Directory app registrations.

> For more information on how to set up an integrated room calendar for a Solstice-enabled workspace, which enables the Solstice display to show and interact with meetings scheduled for the space, see Solstice Cloud: Calendar Template.

Launch a Scheduled Web Conference

1. Launch the Solstice app on your laptop.

2. Connect to the Solstice display by clicking on the display name. If prompted, enter in the 4-digit screen key listed on the display.

3. Once connected, go to the **Conference** tab in your Solstice app.

4. Click **Start**. Once the process begins:

   - Your desktop will be shared to the in-room display.

   - Any available USB room camera or mic will be wirelessly connected to your laptop.

   - If a calendar entry was recognized as a web conference, the conferencing application will launch and start the appropriate meeting. Some conferencing applications may require an additional step to launch the meeting.

5. Once you have joined your web conference meeting, if there is a room camera and microphone connected to Solstice, you will be able to select the room camera and microphone as the meeting's audio and video sources.

6. To share the Solstice display to remote attendees, select **Screen 2** from the sharing options within the video conferencing application. (If the Pod is configured with dual displays, see Using Solstice Conference with Dual Displays to determine which display will be shared with the conference.)

7. After you are done hosting the conference, stop sharing the display, end the video call, and disconnect from the Solstice display.

After you are done hosting the conference, stop sharing the display, end the video call, and disconnect from the Solstice display.

Bridge an In-progress Meeting to Solstice Conference

There are multiple ways that Solstice Conference can support your web conference. This how-to will explain how to use bridge a video conference that has already been started to Solstice Conference.

1. Once you have started your web conference, open your Solstice app.

2. Connect to the Solstice display by clicking on the display name. If prompted, enter in the 4-digit screen key listed on the display.

3. Once connected, go to the **Conference** tab in your Solstice app and click the **Bridge without a calendar event** checkbox.

4. Click **Start**. After the conference has been bridged, the Conference tab will say that you're currently the host of a bridged web conference.

> If there is a conflicting meeting listed on the Pod calendar, you should select the **Bridge without this calendar event** checkbox, then click **Start**.
> If you do not select this option before starting, Solstice will automatically connect to the scheduled web conference.

5. After you have joined your video conference meeting, connect to the conference in progress using your conferencing application.

6. if there is a room camera and microphone connected to Solstice, the room camera and microphone will be used as the meeting's audio and video sources.

7. To share the Solstice display to remote attendees, select **Screen 2** from the sharing options within the video conferencing application. (If the Pod is configured with dual displays see Using Solstice Conference with Dual Displays to determine which display will be shared with the conference.)

8. After you are done hosting the conference, stop sharing the display, end the video call, and disconnect from the Solstice display.

End Your Meeting and Disconnect from Solstice

As the host, when your meeting is finished you will need to end your video conference and disconnect from Solstice. Here are some ways you can disconnect from Solstice:

- Click the **Disconnect** button at the top of the app window. You will be prompted to confirm that you want to disconnect from the display.

- Close the Solstice app window:
  - On a laptop, click the Close 'X' icon. Solstice will ask if you wish to disconnect from the display and stop sharing all content. If yes, click **Disconnect**.

- On a mobile device, close the app window and Solstice will automatically disconnect the device from the display.
- Starting in Solstice version 5.4, when Solstice Location Service is enabled (Settings > Control), you can also turn on auto-disconnect. After learning the location of a Solstice Pod, the Solstice app can detect you have left the meeting area while still connected to the Pod and may prompt you to disconnect (currently supported on Windows, macOS, and Android). When the auto-disconnect prompt appears, you may do one of the following:
    - Click **Disconnect** to immediately disconnect from the Solstice Pod.
    - Click **Cancel** to dismiss the auto-disconnect prompt. You will not be prompted to disconnect again for that connection.
    - Allow the 10-second countdown to complete to let the Solstice app automatically disconnect you.

> Use the menu under the Solstice Location Service setting to turn on auto-disconnect and adjust the sensitivity that location services will use to automatically disconnect the device from the Solstice Pod. Location Services must also be enabled on the Pod to use this functionality.

> When using Solstice Conference, remember to also end your video conference in your conferencing app.

FAQ

Why can't I minimize or close my Solstice app window?

Your Solstice app might be docked to your system tray. To remove this setting and regain controls for the Solstice app window, right click the Solstice icon in your system tray and deselect **Dock to system tray**.

I'm hosting a meeting, and Solstice keeps reminding me that I'm sharing a post to a display. How can I turn this off?

To limit Solstice notifications, open your Solstice desktop app, then go to **Settings**. Under **General > Notifications**, select either **None** or **Critical**, depending on your notification preferences.

> 📋 Notification settings also control notifications for Solstice Conference. Selecting **None** will also turn off performance and compatibility notifications for Solstice Conference.

Why does the Solstice display show as Screen 3 in my video conferencing application?

This may be the case if your laptop is configured to have additional virtual desktops. Mersive strongly advises against using additional virtual desktops alongside Solstice Conference.

Why I'm seeing a mirroring effect when I use Solstice Conference on a Mac laptop?

On macOS, a "hall of mirrors" visual effect may appear when using Solstice Conference if the Conference drivers are not loading correctly. Open **Security & Privacy** settings and check the make sure you have allowed drivers from Mersive.

Why does changing virtual display settings with Solstice Conference create a "hall of mirrors" on my Mac?

On macOS, when the Solstice Conference virtual monitor is set as the primary display, a known issue exists in Solstice 5.4 that causes a video effect that resembles a hall of mirrors. Once the issue has been triggered, the Solstice Conference drivers often must be uninstalled and reinstalled to resolve it. Mersive strongly recommends not accessing the display settings while using Solstice Conference to avoid this issue. For help uninstalling and reinstalling Conference drivers, contact Mersive Support.

Why is the Solstice user app failing to share my desktop and app windows on my Windows laptop with dual graphics cards?

In the Solstice user app version 5.4 on Windows laptops with dual graphics cards, an issue has been reported that manually setting the dedicated graphics card as primary can prevent the Solstice app from successfully sharing the user's Desktop and App Windows. In this case, a Sharing Error may appear in the Solstice app; Media File sharing is usually successful. This issue can usually be resolved by changing the Windows and/or graphics card settings to allow the graphics processor to be automatically selected.

Why does my Pod with digital signage enabled spontaneously reboot after being used for Solstice Conference?

For Solstice Pods running digital signage feeds that are also used regularly for Solstice Conference, a known issue exists in Solstice 5.4 that occasionally causes Solstice to become unstable and the Pod to

spontaneously reboot. Mersive recommends that Pods experiencing this issue be configured to perform a daily reboot, which should avoid spontaneous restarts. A Solstice admin can enable Daily Reboots in the Solstice Cloud > Advanced settings.
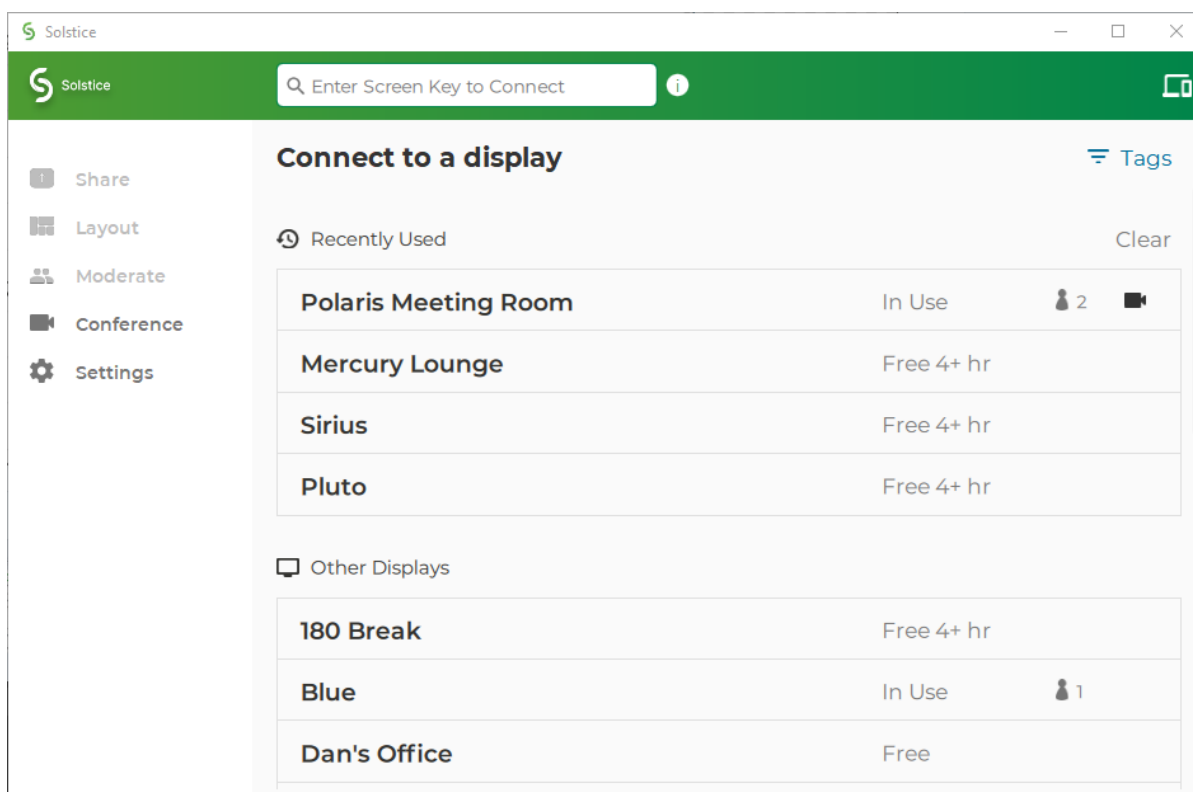
Sharing Content Using the Solstice App

Solstice improves meeting productivity and engagement with multi-participant content sharing, control, and markup. With the Mersive Solstice app installed on a laptop, tablet, or mobile device, users can share and control content on the display connected to a Solstice Pod.

Users can also use one of the supported app-free sharing options to share to the Solstice display if they don't have the Solstice app. See App-Free Sharing to a Solstice Display to learn more about Solstice's app-free sharing options.

How to Connect to a Solstice Display

Ensure you are connected to a network listed on the display's Welcome Screen, then connect to the Solstice display to share content:

1. Open the Solstice app. A list of Solstice displays you have previously connected to or that are available via display discovery (if enabled for your Solstice deployment) will appear.

2. Click the name of the desired Solstice display to connect.

3. To find a specific display in the discovered list, you can:

   - Search for a specific display by name in the search bar.

   - Click **Tags** to filter the list of displays by assigned tags (Enterprise Edition only).

4. If prompted, enter the screen key that appears on the display.

5. By default, the user app joins the collaboration session with full media posting and control rights.

How to Share Content Using the Solstice App on a Laptop

On the Share tab of the Solstice desktop app, you can wirelessly share an unlimited amount of content to the Solstice display using any of the following options. Note that the content shared to Solstice will never leave your device, only pixels will be streamed to the display.

- **Desktop**: Share a real-time view of your desktop mirrored to the display. The entire desktop, including any open application windows, will be shared in real-time.

> To stop sharing your desktop audio, click the speaker icon after the connected display name to appear with a red slash (off). If you are sharing desktop audio on a Mac, you may have additional setup to enable it. See Enable Audio for Desktop Sharing on macOS for more information.

- **App Window:** Share a real-time view of only the selected application window to the display. This sharing option allows you to maintain privacy by only sharing a single application instead of everything on your desktop.

- **Media File**: Share media files such as images and videos saved locally on your laptop device to the display. Solstice supports image and video files up to 4K resolution.

> Solstice supports sharing a broad range of video types, but not all video files are supported. If a video file is not supported, you can use the Desktop sharing option to stream the video to the display.

When sharing your desktop, the Solstice app window will be hidden by default. Click the **Sharing Desktop** bar that appears at the top of your screen to show it. You can also click **Stop Sharing** to quickly stop sharing your desktop.

How to Share Content Using the Solstice App on a Mobile Device

On the Share tab of the Solstice mobile app, you can wirelessly share an unlimited amount of content to the Solstice display using any of the following options. Note that the content shared to Solstice will never leave your device, only pixels will be streamed to the display.

- **Mirror Screen**: Share a real-time view of your mobile device screen. Tap the speaker icon after the connected Solstice display name to capture audio along with screen mirroring.

> The Solstice app for Android versions 5.4 and higher support audio capture with screen mirroring on Android devices running Android 10 and up. Other apps may block audio capture, preventing the Solstice app from streaming their audio.

- **Media File**: Share media files such as images and videos from the device's media library.
- **Camera**: Take a picture with your mobile device and share it to the display.
- **Take Video**: Take a video with your mobile device and share it to the display.

> To share media files, pictures, and videos be sure to grant permission for the Solstice mobile app to access your mobile device's media files, camera, and microphone.

How to End Your Meeting and Disconnect from Solstice

When you are ready to finish your collaboration session, disconnect from Solstice. There are a number of ways to disconnect from a Solstice display:

- Click the **Disconnect** button at the top of the app window. You will be prompted to confirm that you want to disconnect from the display.
- Close the Solstice app window:
  - On a laptop, click the Close 'X' icon. Solstice will ask if you wish to disconnect from the display and stop sharing all content. If yes, click **Disconnect**.
  - On a mobile device, close the app window and Solstice will automatically disconnect the device from the display.
- Starting in Solstice version 5.4, when Solstice Location Service is enabled (Settings > Control), you can also turn on auto-disconnect. After learning the location of a Solstice Pod, the Solstice app can detect you have left the meeting area while still connected to the Pod and may prompt you to disconnect (currently supported on Windows, macOS, and Android). When the auto-disconnect prompt appears, you may do one of the following:
  - Click **Disconnect** to immediately disconnect from the Solstice Pod.
  - Click **Cancel** to dismiss the auto-disconnect prompt. You will not be prompted to disconnect again for that connection.
  - Allow the 10-second countdown to complete to let the Solstice app automatically disconnect you.

Use the menu under the Solstice Location Service setting to turn on auto-disconnect and adjust the sensitivity that location services will use to automatically disconnect the device from the Solstice Pod. Location Services must also be enabled on the Pod to use this functionality.

When using Solstice Conference, remember to also end your video conference in your conferencing app.

App-Free Sharing to a Solstice Display

Solstice supports multiple app-free sharing options so that users can share their device screen to the Solstice display without needing the Solstice App. This allows for guest and occasional users to quickly share content in a Solstice room. Solstice supports app-free sharing using AirPlay, Miracast, browser-based sharing, or a standard HDMI connection.

How to Mirror Your iOS Device Screen Using AirPlay

Solstice supports full mirroring of iOS 7+ devices (Apple iPhones and iPads) that feature Apple's AirPlay functionality. AirPlay mirroring is accomplished through the device's native AirPlay feature, using a similar process as connecting to an Apple TV.

> 📋 If you are unable to mirror your iOS device using AirPlay, contact your IT administrator to make sure that AirPlay mirroring is enabled for the Solstice display.

1. Ensure the iOS device is connected to the WiFi network used to connect to the Solstice display.

2. Open the iOS Control Center:

   - On an iPhone X or later, or an iPad with iPadOS 13 or later, swipe down from the upper-right corner of the screen.

   - On an iPhone 8 or earlier or iOS 11 or earlier, swipe up from the bottom of the screen.

3. Tap the **Screen Mirroring** icon and select the desired Solstice display from the list that appears.

4. If the desired Solstice display does not appear in the AirPlay menu of your device, open the Solstice App and connect to the desired display, then repeat steps 2 and 3.

5. If prompted for an AirPlay code, enter the screen key visible on the Solstice display. Your device will connect wirelessly to the display and your screen will be streamed in real-time.

6. To stop mirroring your screen to the display, open the iOS Control Center again, tap the Screen Mirroring icon for the connected Pod, then tap **Stop Mirroring**.

> 💡 An AirPlay option may also appear when viewing photos or videos in iOS. Photos and videos shared via AirPlay generally appear full screen on the Solstice display.

How to Mirror Your macOS Device Screen Using AirPlay

If your organization has enabled streaming with AirPlay, users without the Solstice user app can connect and share their screen to the display using AirPlay capabilities on macOS devices (High Sierra and later). AirPlay mirroring is accomplished through a device's native AirPlay feature, using a process similar to connecting to an Apple TV.

> If you are unable to mirror your macOS device using AirPlay, contact your IT administrator to make sure that AirPlay mirroring is enabled for the Solstice display.

1. Ensure the macOS device is connected to the WiFi network used to connect to the Solstice display.

2. From the top menu bar, either select the **AirPlay** icon or open the Control Panel from the top bar and select **Screen Mirroring**. Then select the desired Solstice display.

3. If prompted for an AirPlay code, enter the 4-digit screen key visible on the Solstice display. Your device will connect wirelessly to the display and your screen will be streamed in real-time.

4. To stop mirroring your screen to the display, select either the **AirPlay** icon or **Control Panel** > **Screen Mirroring** from the menu bar. This will show the active AirPlay connection. Select the name of the Solstice display to disconnect.

How to Mirror Your Windows Device Screen Using Miracast

If your organization has enabled streaming with Miracast, users without the Solstice user app can connect and share their screen to the display using Miracast capabilities on their Windows device. If you are unable to Miracast to the display, contact your IT administrator to make sure that Miracast is enabled for the Solstice display.

1. On a Windows 10 laptop, use **Windows key + K** or click the **Connect** button in the Windows notification center (found on the far right end of taskbar) to open the Connect pane.

2. From the list of wireless displays available, select the Solstice display. If the display is enabled for Miracast but you do not see it in the list of available displays, try scrolling down to ensure it is not hidden.

> ⚠ Turning Miracast WiFi Direct off and back on in quick succession for a Solstice Pod may result in it temporarily appearing multiple times in the Windows Connect and Wi-Fi connection panels. To resolve this issue, refresh the list of available Miracast WFD devices by turning Wi-Fi off on and back on for affected Windows devices.

3. If prompted for a PIN, enter the screen key from the display. Your device will connect wirelessly to the display and your screen will be streamed in real-time.

4. To stop Miracast streaming to the display, open the Connect pane and click **Disconnect**.

How to Share Your Desktop Using a Web Browser

Guest users or users who aren't able to download the Solstice app can use an install-free sharing option to connect and share to Solstice using a web browser on a laptop device. This functionality is supported on Windows, macOS, Chromebook, and Linux laptops.

See the compatibility chart below for more details on which web browsers are supported for browser-based sharing on your laptop. Note that available sharing options (e.g. desktop sharing, application window sharing) vary by browser.

| Find Browser Support by Operating System

Operating System	Web Browsers Supported for Browser-based Sharing	Notes
Windows 8/10	Firefox, Chrome, Microsoft Edge	• On Google Chrome and Microsoft Edge browsers, audio streaming is supported for the desktop and browser tab sharing options only. You must check "Share Audio" before sharing.
macOS Catalina, Big Sur	Firefox, Chrome, Safari 13 or 14	• Audio streaming is supported for the browser tab sharing options on Google Chrome browsers only. You must check "Share Audio" before sharing. • Browser-based sharing is only available for Safari users if the Solstice Pod has a DNS hostname configured.
ChromeOS	Firefox, Chrome	
Linux	Firefox, Chrome	

1. Connect your laptop device to a network listed on the Solstice display.

2. Open a Chrome or Firefox web browser and go to the URL on the display. If multiple ULRs are listed, choose the one that corresponds to the same network you're connected to.

3. Click the link to share using your web browser.

> Don't see a link on your browser for sharing your screen? Your IT administrator may need to enable this feature for the Solstice Pod display.

4. If you see a security warning in your browser, click **Advanced**, and then the option to proceed to the URL.

5. Enter the screen key shown on the room display (if prompted) and your name, then click **Launch**.

6. Select the sharing option you wish to use. For example, you may be presented with options to share your entire screen, an application window, or a browser tab, as well as whether to share audio.

7. Click to **Share** or **Allow** to share the selected content to the Solstice display.

> ⚠️ If you are on the Catalina version of macOS and are having trouble using browser-based sharing, you may need to enable permissions within your system's privacy settings for the browser to utilize screen recording.

How to Share Your Desktop via HDMI

The Solstice Gen3 Pod allows users to connect a laptop computer directly into the Pod using an HDMI cable connected from their laptop to the HDMI-in port on the front of the Pod. This allows users to share a wired content source to the display. The wired desktop sharing will appear in the collaboration session like any other post, and will be able to be controlled by any user in the session that has the Solstice app.
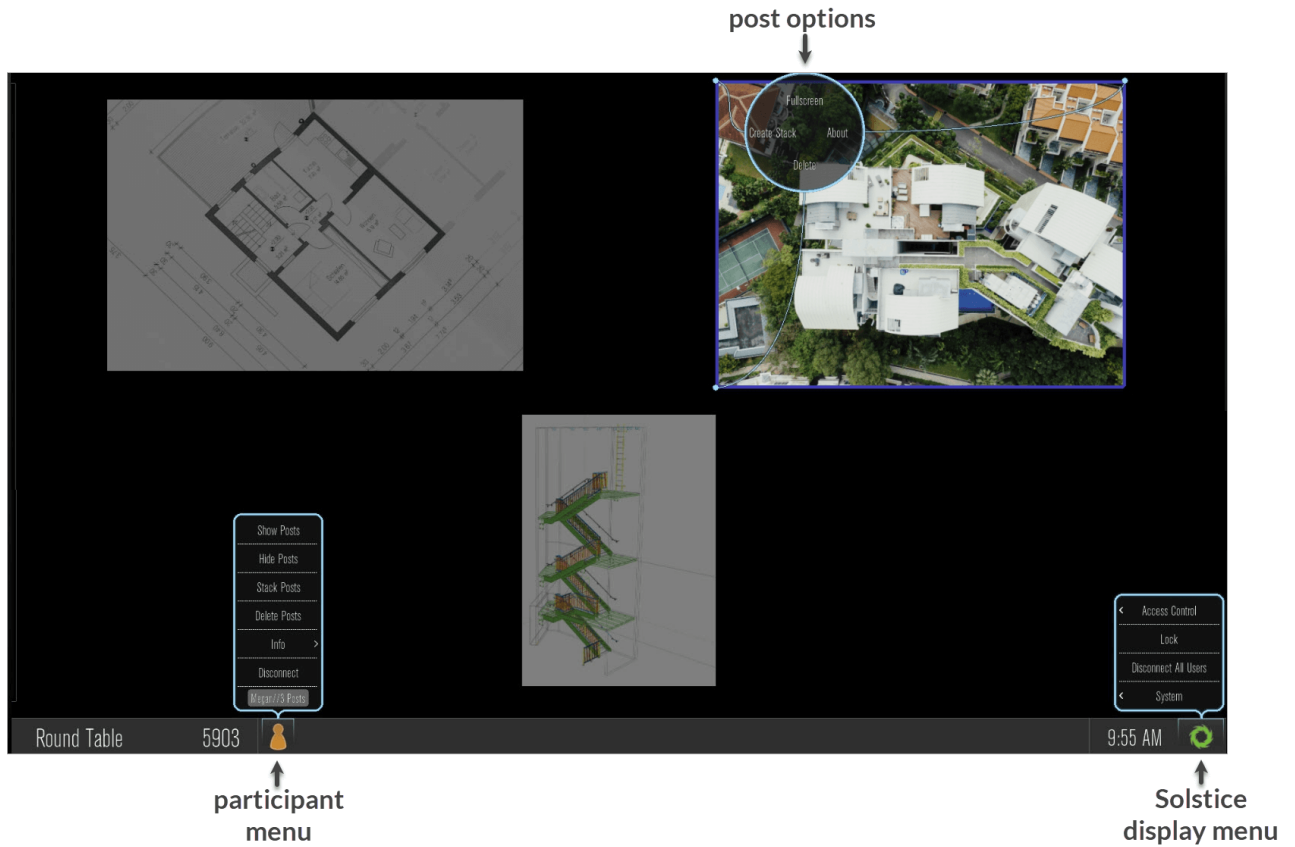
How to Control Content with the Solstice App

On the Layout tab, you have multiple ways that you can control the content and how it appears on the display. Any user connected to the session can control the content layout.

> All the controls described below can also be performed on HID-compliant touch displays using equivalent touch gestures.

- Drag and drop posts around to change the order of the content, or to move content on and off the on-deck panel on the left side of the display.
- Click and hold or right-click on a post to view options to make the post full screen, view post details, create a stack, or delete the post. Stacks can be made for a single user's posts.
- Click and hold or right-click on a post, then select to create a stack which acts as a virtual folder.
- Pinch to zoom posts on touch-enabled devices.
- Control videos posted to the display with the Solstice video player. The Solstice video player functions similarly to other video players, with play/pause buttons, volume control, and loop options. To view the video player controls, click the camera icon in the lower right corner of the video post.
- Click a participant icon to access the participant menu. This menu gives you options to show, hide, stack, or delete the participant's posts, as well as disconnect the participant from the collaboration session.
- Click the vertical ellipsis icon to view the media placement menu. This menu allows you to align posts to a grid and quickly move all posts on or off the screen.

- If you have a USB mouse connected to the Solstice Pod or host laptop, or if you have a touch-screen display, you can interact with the display interface directly to control content.

post options

participant menu

Solstice display menu

Solstice Ink

Available in the mobile version of the Solstice App (for iOS and Android devices), Solstice Ink allows users to highlight and temporarily mark up content on the Solstice display from anywhere in the room by simply pointing and drawing with their smartphones. This feature is also supported in moderator mode. As a note, this feature not supported on tablets.

Solstice Ink has three modes of use:

- **Pointer:** By default when you select **Ink** from the mobile app's menu bar, your mobile device will be in pointer mode. Simply move your device to move the pointer on the Solstice display.

- **Ping:** Press the **Ping** button to pulse the pointer. Slide your finger from the button toward the center red dot for a continuous pulse, and then press the **Ping** button again to stop continuous pulse.

- **Temporary markup:** Press and hold the **Draw** button to draw a temporary markup on the Solstice display, then release the draw button once you are done. Solstice will smooth out your markup after you have finishing drawing it, and the markup will fade away after a short amount of time.

While in Ink mode, you can swipe left and right to toggle between Draw and Ping mode. To exit Ink mode, simply click on another option in the Solstice app menu bar.