



Intel Unite[®] Solution

Version 4.0

User Guide

Revision 1.0



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1 Introduction

The Intel Unite® application is an easy-to-use solution designed to enable smarter conference rooms, classrooms, faculty rooms, and any other room dedicated to collaboration. Meetings or sessions start quickly with wireless technology that connects immediately to new or existing displays, projectors, or interactive whiteboards—no cables needed. Intel Unite application users can share and edit content in real time, whether they are in the same room or in a remote location.

The solution is designed to allow fast wireless screen sharing and collaboration in three steps:

1. Launch the Intel Unite application or join through a meeting invite.
2. Enter a PIN to connect to a specific session.
3. Click **Present** to share content, or click a presenter to see what others are presenting.

1.1 Audience

This guide focuses on enabling users to launch and become familiar with the Intel Unite® application and its features. The following areas are addressed in this document:

- Launching and connecting to the Intel Unite application
- Feature descriptions of the Intel Unite client application
- Feature descriptions of the Intel Unite hub application

This guide does not focus on installing and deploying the complete solution. For information on installation and deployment of the solution, refer to the *Intel Unite® Solution 4.0 Enterprise Deployment Guide*.

1.2 Intel Unite® Solution Terminology and Definitions

Enterprise Server (Server)—The PIN service running on the server that assigns and resolves PINs, downloads the configuration and features/apps to the hub and client devices, and hosts the Admin Portal. The server setup and configuration are not included in this guide (refer to the Deployment Guide).

Hub—A mini form factor PC with Intel® vPro™ technology connected to an interactive flat panel display or projector in a conference room, classroom, or any room used for peer collaboration running the Intel Unite application.

Client—A device that connects to a hub. Supported devices running Windows*, macOS*, Linux*, Chrome OS* (Chromebooks*), iOS* (iPads* and iPhones*), and Android* (tablets and phones).

1.3 Client Requirements

Ensure the following requirements are met by the client device, according to its operating system:

- Microsoft Windows* 7 SP1, 8.1, or 10 (32 bit and 64 bit) **Note: Screen Control only on Windows 10.**
 - Recommended latest patch level
 - Microsoft .NET* 4.6.1 or greater
- macOS* 10.12, 10.13, and 10.14
- iOS* 10, 11, and 12
- Android* version 7 (Nougat) and version 8 (Oreo)
- Chrome OS* latest version
- Linux* Fedora* 27 and 28, Red Hat* Enterprise 7, Ubuntu* 16 LTS and 18 Non-LTS
- Wired or wireless network connection

2 Launching the Client Application

The Intel Unite® Solution supports clients that run on Windows, Mac, Linux, Chrome OS, iOS, and Android platforms. The steps to launch the client application differs on each platform.

2.1 Windows

To launch the Intel Unite client application on a Windows platform, double-click the Intel Unite client icon on the desktop.

2.2 Mac

To launch the Intel Unite client application on a Mac platform:

1. Display the **Go** menu, and select **Applications**.
2. Double-click the Intel Unite application item.

2.3 Linux

To launch the Intel Unite client application on a Linux platform:

1. Open a terminal.
2. Change the directory to **/opt/intel/unite**.
3. Type **./intel-unite-client**.
4. Press **Enter**.

2.4 Chrome OS

To launch the Intel Unite client application on a Chrome OS platform:

1. Click the **Launcher** icon (the circle) in the lower-left corner.
2. Type **Unite** in the Search box.
3. Click the Intel Unite client icon.

2.5 iOS

To launch the Intel Unite client application on an iOS platform:

1. Locate the Intel Unite client icon.
2. Tap the icon.

2.6 Android

To launch the Intel Unite client application on an Android platform:

1. Locate the Intel Unite client icon on the home screen.
2. Tap the icon.



3 Client Registration

Before a client can be used, it must be registered with an Admin Portal. Refer to the *Intel Unite® Solution 4.0 Enterprise Deployment Guide* for information regarding client registration or contact an IT administrator for assistance.

4 Connect to a Hub

Once the client has completed the registration process, it is ready to connect to a hub. This section describes methods you can use to connect a client to a hub.

4.1 Enter a PIN on the Client

To connect to a hub and join a session, launch the Intel Unite® client application and enter the six-digit PIN displayed on the hub screen.

4.2 Link Using Outlook® Meeting (Windows® Only)

If you receive a meeting invitation with a link to join a meeting/session, click **Join Intel Unite**. If you are the first attendee in an Intel Unite solution-enabled room, enter the PIN displayed on the hub; otherwise, you will join the session automatically. (See *Section 8.5.8 Schedule a Meeting* for more about scheduled meetings and Appendix A for installation of the Outlook Add-in.)

Figure 1. Outlook Meeting



4.3 Use the Schedule Meeting Feature

To use the Schedule Meeting feature:

1. Contact the host of the meeting to obtain a URL from the Schedule Meeting feature of the Admin Portal.
2. Open a web browser or the Run command window.
3. Enter the URL into the browser address bar or Run command box.
4. Press **Enter** or **Return** to launch the client.

Note: For Linux, Android, and Chrome OS use the **Connect with scheduled session URL** link on the PIN entry screen.

4.4 Use an App

Some Apps facilitate the process of connecting a client to a hub, such as the Intel Unite Ultrasonic Join App. This app can be downloaded from the [Intel Unite® App Showcase website](#). Refer to the *Intel Unite® Ultrasonic Join App User Guide* for more details.

5 Client User Interface (UI) Overview

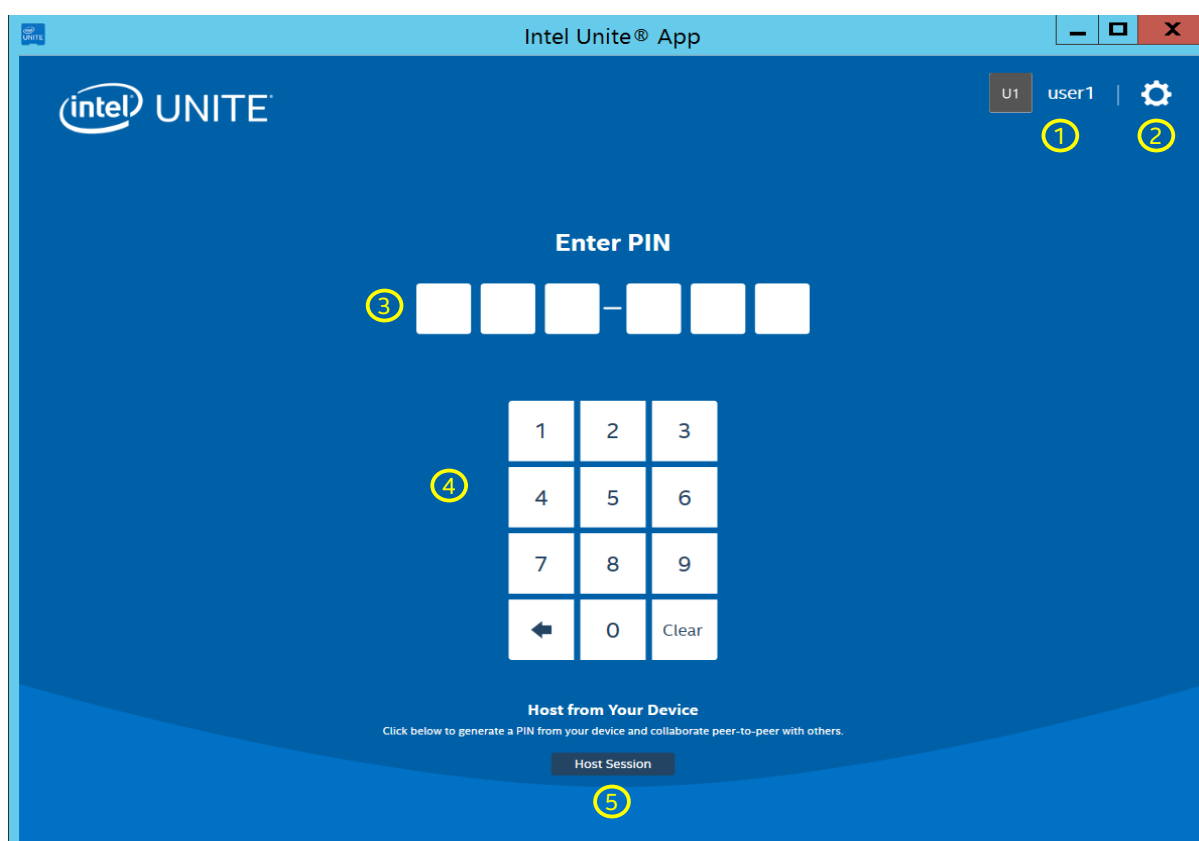
The following sections show the UI for the Intel Unite client. The client UIs for the Windows, Mac, Linux, iOS, and Chrome OS platforms are similar, with minor differences. The differences are noted in each section.

The Android client UI differs more than the other platforms and is described in a separate section.

5.1 Client UI before Hub Connect

Figure 2 shows the screen that displays when the client is not connected to a hub.

Figure 2. Hub Login Screen



1. **User**—This is the user.
2. **Settings**—Click to display/edit client settings.
3. **PIN input**—Enter PIN here to connect to a hub.
4. **PIN pad**—Use the PIN pad to enter the PIN to connect to a hub.
5. **Host Session button**—On Intel® vPro™ platforms only, click this button to host a peer-to-peer session.

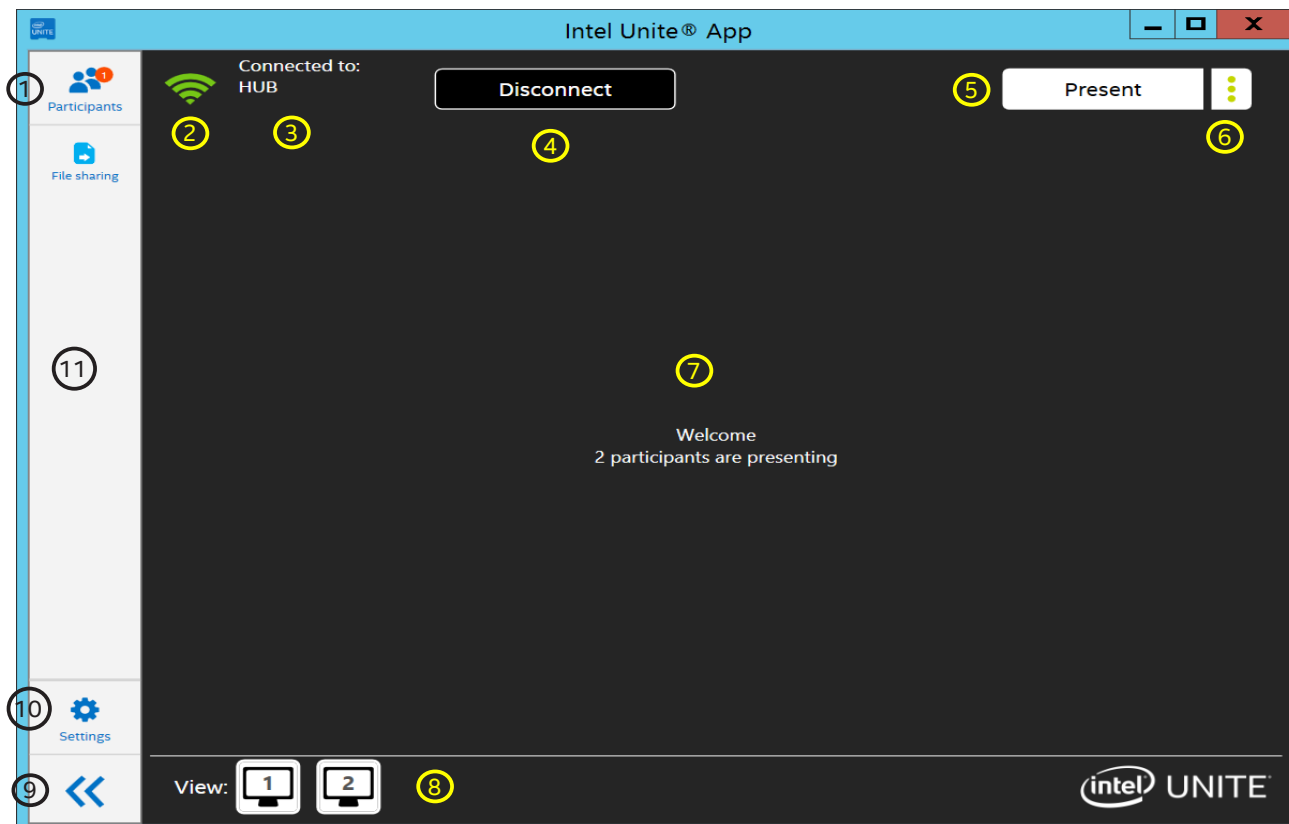
On Linux, Android, iOS, and Chrome OS Platforms

Connect with scheduled session URL—This is displayed at the center bottom, allowing the client to join a Scheduled Meeting. **Note:** The image above is from a Windows client and does not show this feature.

5.2 Client UI after Hub Connect

Figure 3 shows the main UI for the client.

Figure 3. Client Connect Screen

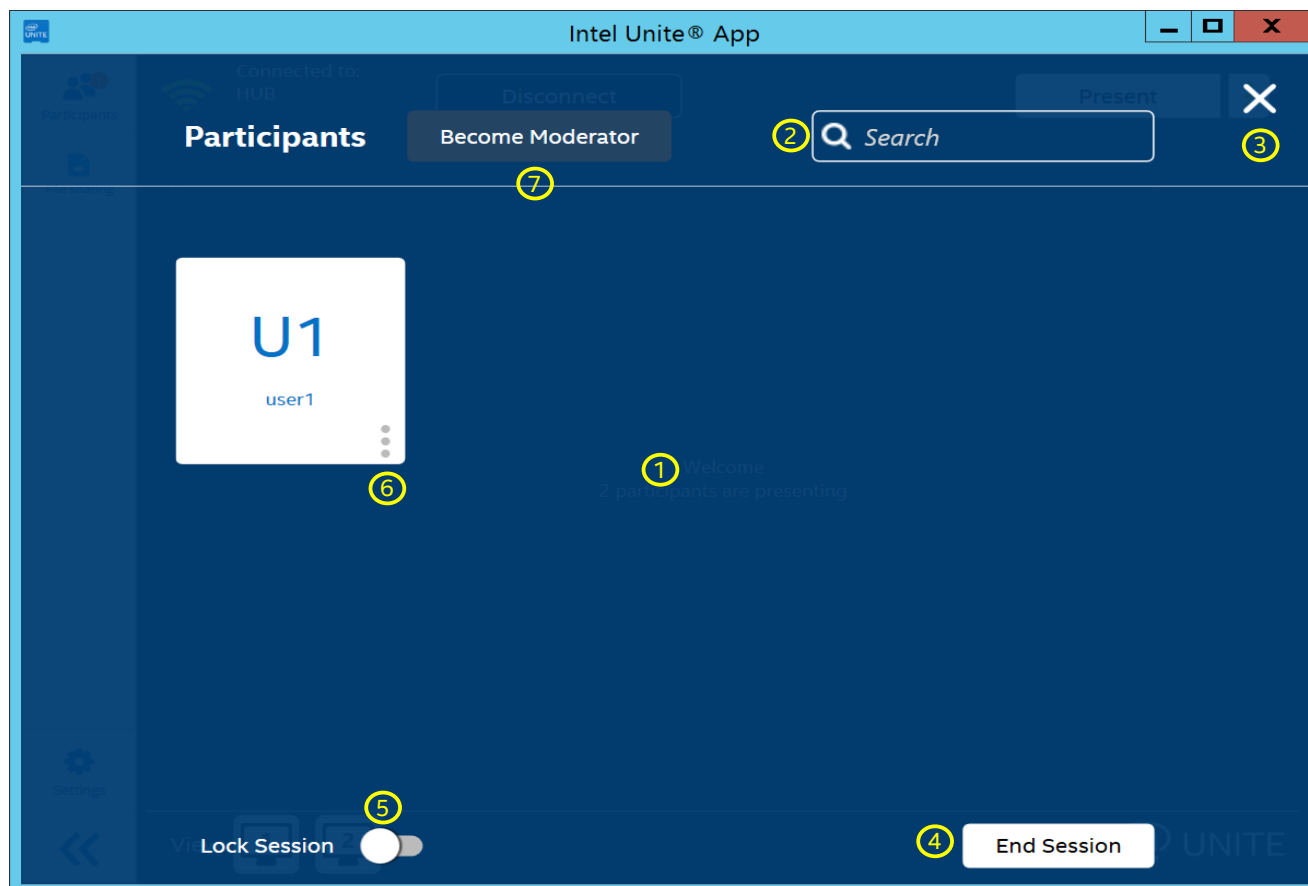



1. **Participants icon**—Shows the number of participants. Click to display the **Participants** options.
2. **Connection quality indicator**—Shows the quality of the network connection to the hub.
3. **Computer name of the hub**—Shows the computer name of the hub.
4. **Disconnect button**—Click to disconnect the client from the hub.
5. **Present button**—Click to present to hub.
6. **Present options button**—Click to display the **Present** options. See Section 5.4 and 5.5.
7. **Presentation viewing area**—Displays presented content.
8. **Presenter area**—Shows a list of presenters. Click a presenter to view the presenter's content. The area right of View is empty when no presenter and no hub display is presenting.
9. **Hide side panel**—Click to hide the side panel.
10. **Settings icon**—Click to view and edit the client settings.
11. **Apps/Features area**—Shows a list of client apps and Features for extended capabilities.

5.3 Participants Page

This page, shown in Figure 4, is the UI for displaying and managing participants in a session.

Figure 4. Client Participants Screen

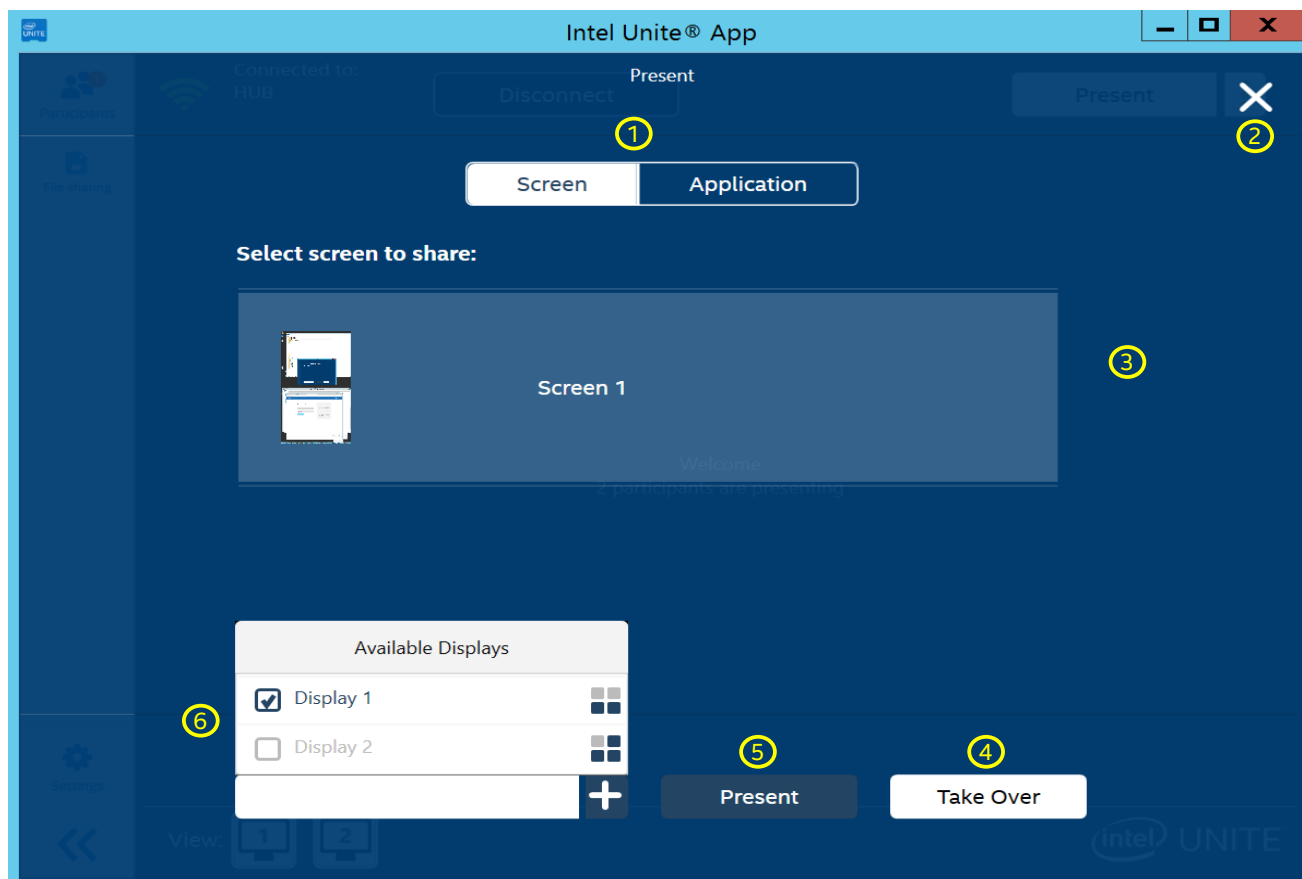


1. **Participant area**—Shows all participants connected to hub.
2. **Search box**—Enables users to find participants by searching for text in participants' names.
3. **Exit button**—Click to close the **Participants** options.
4. **End Session button**—Click to end the session. It disconnects all participants from the hub.
5. **Lock Session switch**—Toggles on to lock. This prevents new participants from joining the session.
6. **Participant details**—Shows details of the participant. Click the more options icon () to display the participant actions.
7. **Become Moderator button**—Click to request to become a moderator for hubs that are configured to allow users to become moderators. **Note:** This is an IT controlled feature. Contact your IT administrator if this is not present.

5.4 Present Options – Screen

Figure 5 shows the UI for the presentation options when sharing a screen.

Figure 5. Client Present Screen



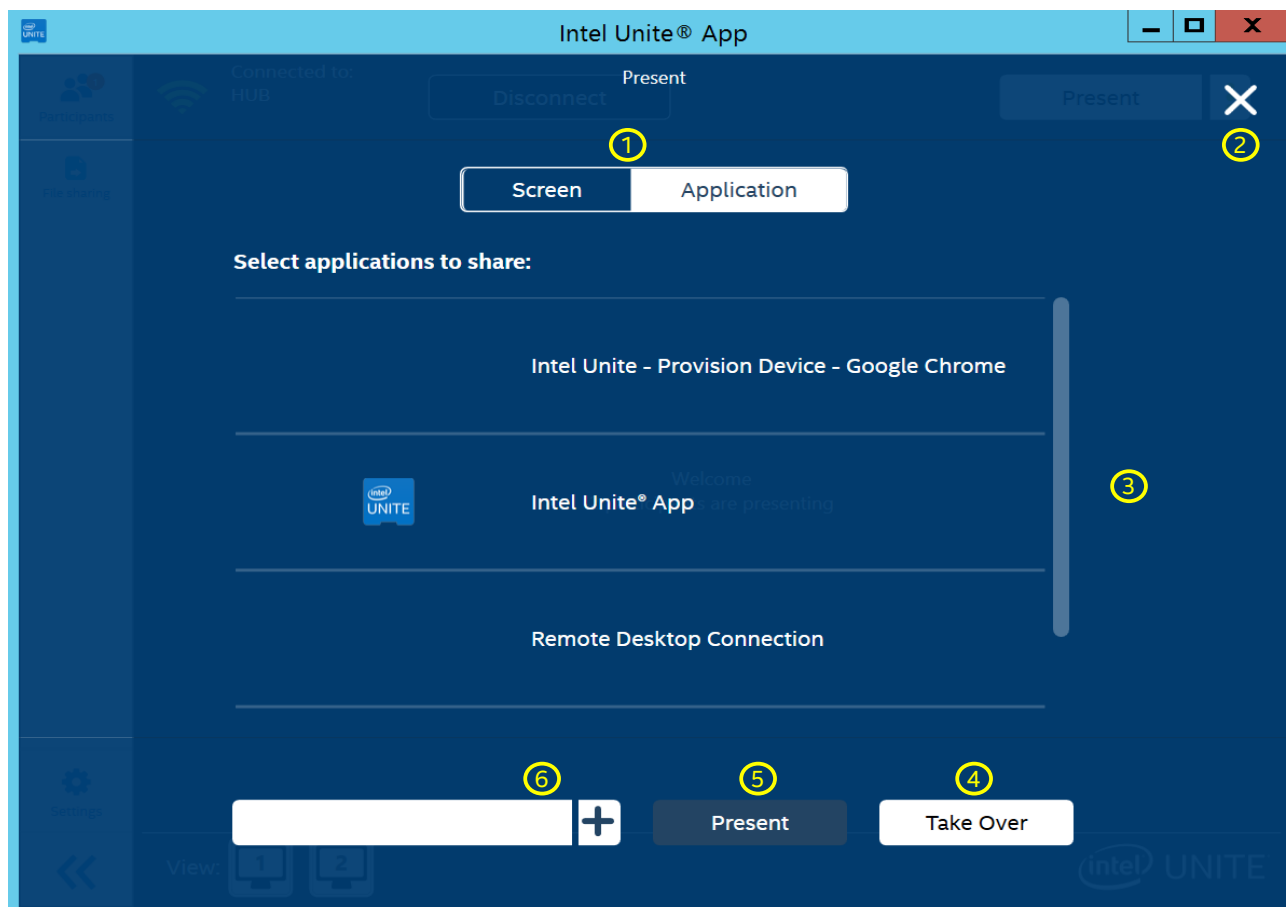
1. **Screen/Application**—Toggles between screen and application options.
2. **Exit button**—Click to exit the **Present** options.
3. **Screen select**—Enables participants to select the physical screen to present.
4. **Take Over button**—Click to take over presenting to the hub, which results in you as the only presenter. The **Take Over** button does not disconnect other presenters.
5. **Present button**—Click to present to the hub.
6. **Present to Display selector**—Shows the currently selected hub display to present to. Use the check boxes to select the displays to present to. Selecting multiple displays results in presenting to all selected displays.

Note: When the extended display driver is installed, the option to choose **Virtual Extended Screen** is shown below Screen 1 (refer to Figure 5). Virtual Extended Screen allows the presentation of a virtual screen in addition to the physical display connected to the client.

5.5 Present Option – Application

Figure 6 shows the UI for the presentation options when sharing an application.

Figure 6. Client Present Application Screen

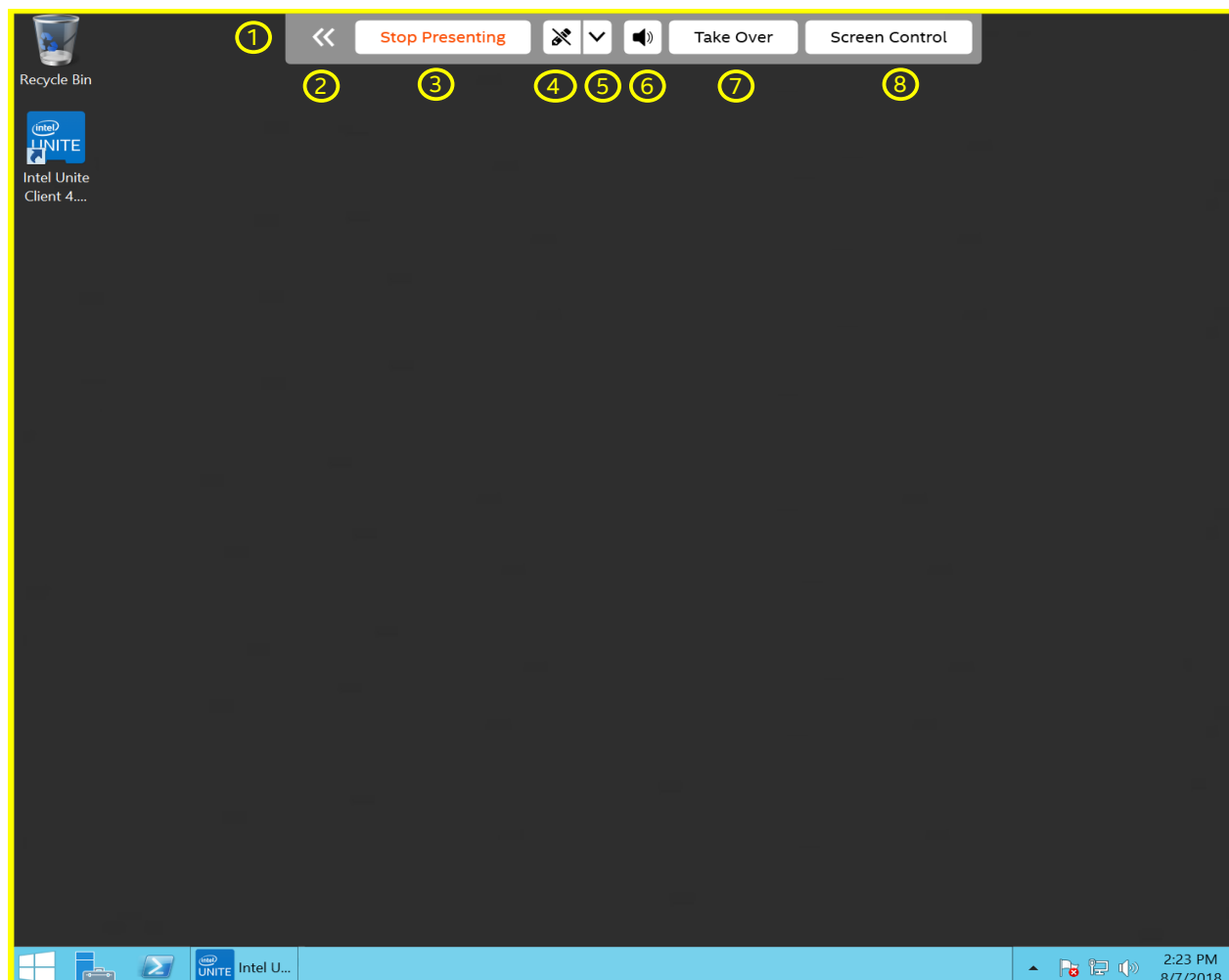


1. **Screen/Application**—Toggles between screen and application options.
2. **Exit button**—Click to exit the **Present** options.
3. **Application select**—Enables participants to select an application to present.
4. **Take Over button**—Click to take over presenting to the hub, which results in you as the only presenter. The **Take Over** button does not disconnect other presenters.
5. **Present button**—Click to present to the hub.
6. **Present to Display selector**—Shows the currently selected hub display to present to. Click the white plus sign to select another hub display to present to, if more than one display is connected to the hub. Selecting multiple displays results in presenting to all selected displays.

5.6 Presenting

Figure 7 shows the UI when presenting.

Figure 7. Client Presenting Screen

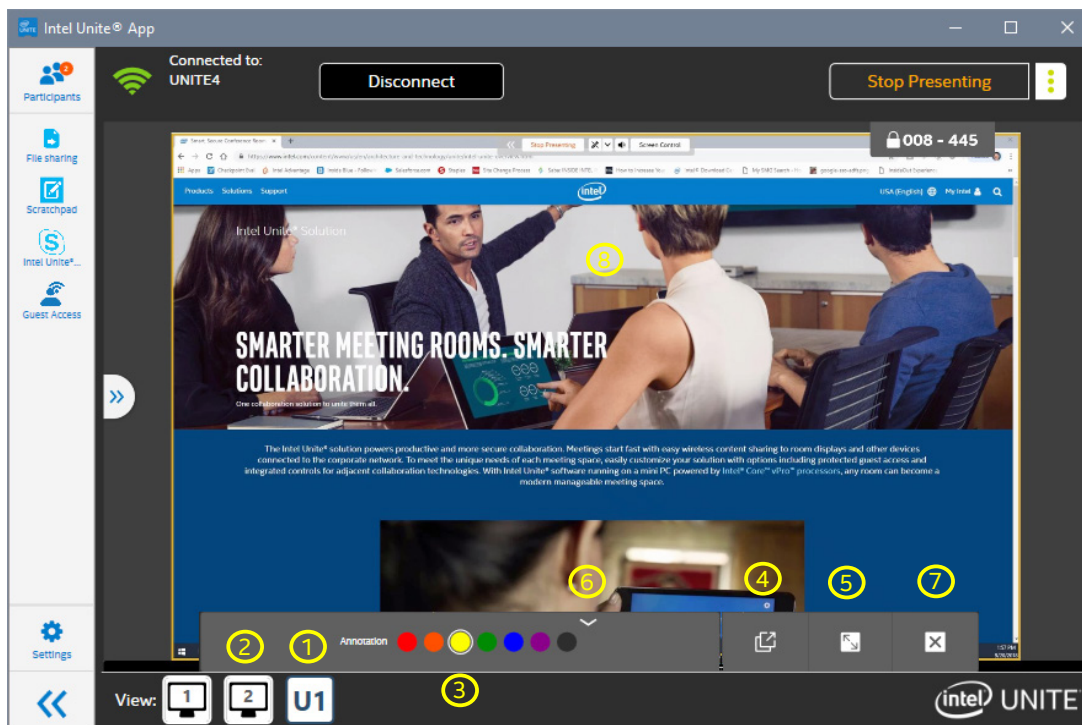


1. **Present tool panel**—When presenting, this panel displays at the center top.
2. **Minimize present tool panel**—Click to minimize the present tool panel. When the panel is hidden, the icon remains, but reverses the arrows (>>).
3. **Stop Presenting button**—Click to stop presenting.
4. **Annotate button**—Click to start annotation.
5. **Open annotate control panel button**—Click to display the control panel for annotation.
6. **Mute button**—Click to mute audio during playback of video that contains audio. When muted, the icon appears with a diagonal line ().
7. **Take over button**—Click to take over the display. **Note:** This button is available only when multiple presenters are presenting to the same hub display.
8. **Screen control button**—Click to allow hub to control client. **Note:** Only available for Windows 10 clients and viewing a presentation that is targeting a touch display connected to the hub.

5.7 Viewing

Figure 8 shows the UI when viewing a presenter's content.

Figure 8. Client Viewing Screen



1. **Presenter selected**—When a presenter's content is selected for viewing, the presenter's icon is dark blue.
2. **Presenter unselected**—When a presenter's content is not selected for viewing, the presenter's icon is black.
3. **Annotate color**—Color selection for annotation. **Note:** The presenter has to enable Remote Annotation for viewers to choose annotate color to annotate. When the presenter disables Remote Annotation, the annotate colors are not shown.
4. **Pop-Out button**—Click to view the presenter's content in a separate window.
5. **Fill View button**—Click to fill the window with the presenter's content.
6. **Hide control panel button**—Click to hide the **View** control panel. When hidden, the panel is replaced by an up arrow icon ().
7. **Stop viewing button**—Click to stop viewing.
8. **Viewing area**—The area where the presenter's content displays.

On Mac clients, the following controls are available (not shown in Figure 8):

- Annotate On/Off ()—Click to toggle annotate on and off. When the pen icon is white, annotate is Off. When the pen icon is the selected color, annotate is On.
- Zoom in ()—Click to zoom in on the presentation.
- Zoom out ()—Click to zoom out on the presentation.
- Reset zoom (**Reset Zoom**)—Click to reset the zoom.

5.8 Client Settings

The Settings user interfaces are different between Windows platforms and non-Windows platforms.

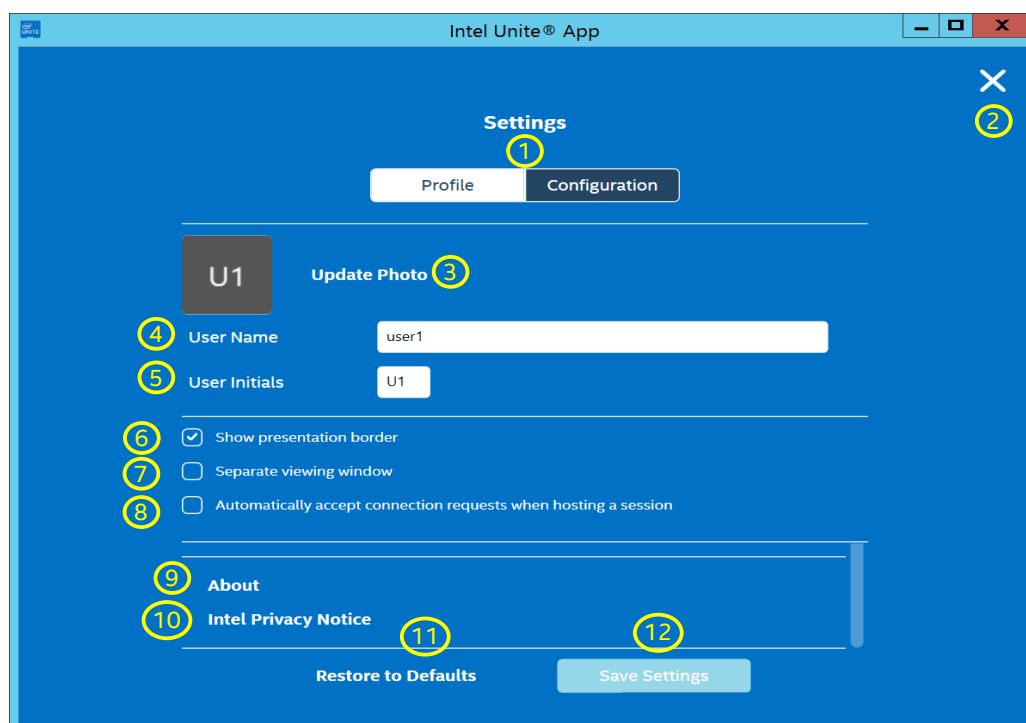
5.8.1 Windows Client Settings

This section shows the Settings user interface for Windows platforms.

5.8.1.1 Client Settings – Profile

Figure 9 shows the UI for customizing the client **Profile** settings for Windows platforms.

Figure 9. Windows Client Settings Profile Screen



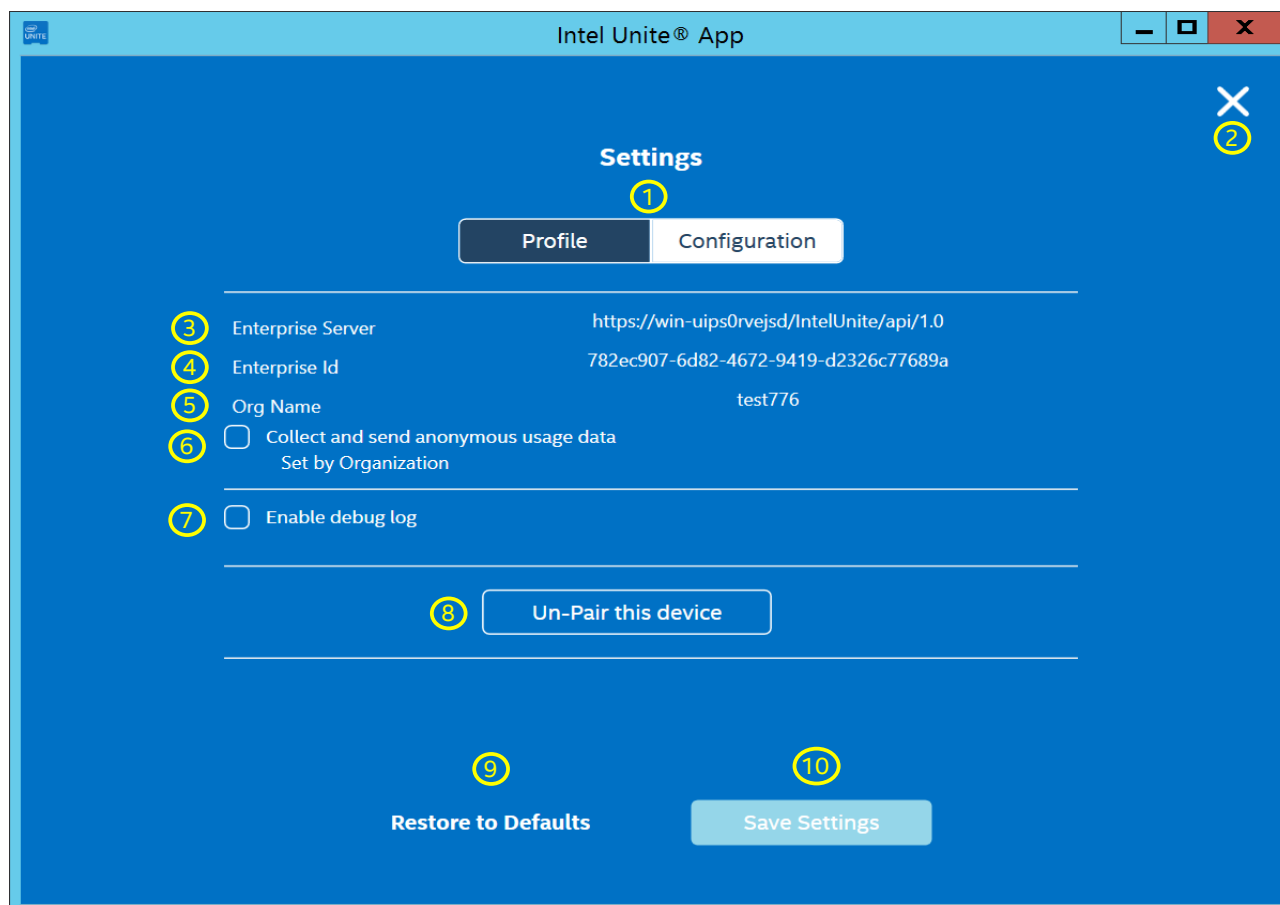
Some settings are not applicable on all platforms.

1. **Profile/Advanced**—Toggles between the **Profile** and **Advanced** settings.
2. **Exit button**—Click to exit the **Settings** view.
3. **Upload Photo**—Enables participants to upload an image or avatar.
4. **User Name**—Assigns and displays the name of the participant.
5. **User Initials**—Assigns and displays the participant's initials.
6. **Show presentation border check box**—Check the box to show a yellow border around the display when presenting. **Note:** Not available on Linux, Chrome OS, Mac, and iOS platforms.
7. **Separate viewing window**—Check the box to view presented content in a separate window.
8. **Automatically accept connection requests when hosting a session**—Check the box to automatically accept connections when the client is hosting a session.
9. **About**—Click to display information about the client application.
10. **Intel Privacy Notice**—Click to display the Intel Privacy Notice.
11. **Restore to Defaults**—Click to restore default settings.
12. **Save Settings button**—Click to save changes made to the settings.

5.8.1.2 (Windows) Client Settings – Configuration

Figure 10 shows the Settings UI for customizing the client **Configuration** settings on Windows platforms.

Figure 10. Windows Client Settings Configuration Screen



1. **Profile/Configuration**—Toggles between **Profile** and **Configuration** settings.
2. **Exit button**—Click to exit Settings.
3. **Enterprise Server**—Displays the URL of the server.
4. **Enterprise ID**—Displays the OrgID GUID.
5. **Org Name**—Displays the organization name.
6. **Collect and send anonymous usage data check box**—If checked, anonymous data is collected. If unchecked, anonymous data is not collected. **Note:** This may not appear due to configuration set by IT. Contact the IT administrator to obtain more information about data collection.
7. **Enable debug log check box**—Check the box to capture debug information in a log file.
8. **Un-pair this device button**—Click to disassociate the client from the enterprise server.
9. **Restore to Defaults**—Click to restore the default settings.
10. **Save Settings button**—Click to save changes made to the settings.

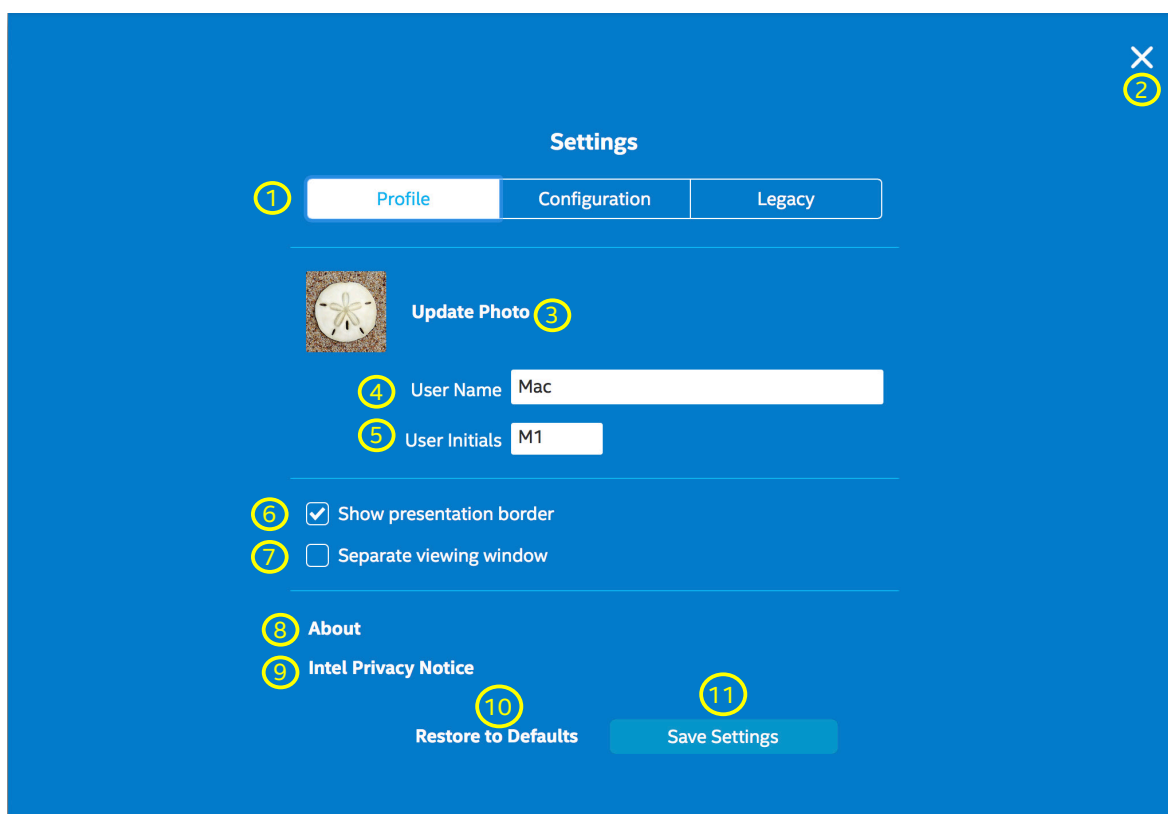
5.8.2 Non-Windows Client Settings

This section shows the Settings UI for non-Windows platforms.

5.8.2.1 Client Settings – Profile

Figure 11 shows the UI for customizing the client **Profile** settings for non-Windows platforms.

Figure 11. Non-Windows Client Settings Profile Screen



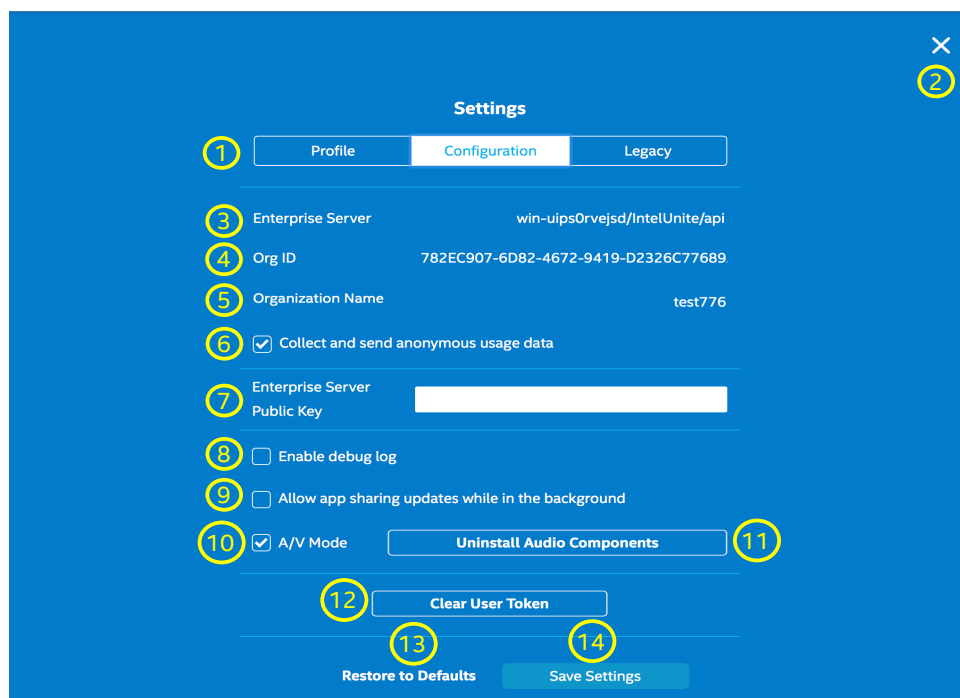
Some settings are not applicable on all platforms.

1. **Profile/Configuration/Legacy**—Toggles between the **Profile**, **Advanced**, and **Legacy** settings.
2. **Exit button**—Click to exit the **Settings** view.
3. **Upload Photo**—Enables participants to upload an image or avatar.
4. **User Name**—Assigns and displays the name of the participant.
5. **User Initials**—Assigns and displays the participant's initials.
6. **Show presentation border check box**—Check the box to show a yellow border around the display when presenting. **Note:** Not available on Linux, Chrome OS, Mac, and iOS platforms.
7. **Separate viewing window**—Check the box to view presented content in a separate window.
8. **About**—Click to display information about the client application.
9. **Intel Privacy Notice**—Click to display the privacy notice.
10. **Restore to Defaults**—Click to restore default settings.
11. **Save Settings button**—Click to save changes made to the settings.

5.8.2.2 Client Settings – Configuration

Figure 12 shows the Settings UI for customizing the client **Configuration** settings on non-Windows platforms.

Figure 12. Non-Windows Client Settings Configuration Screen

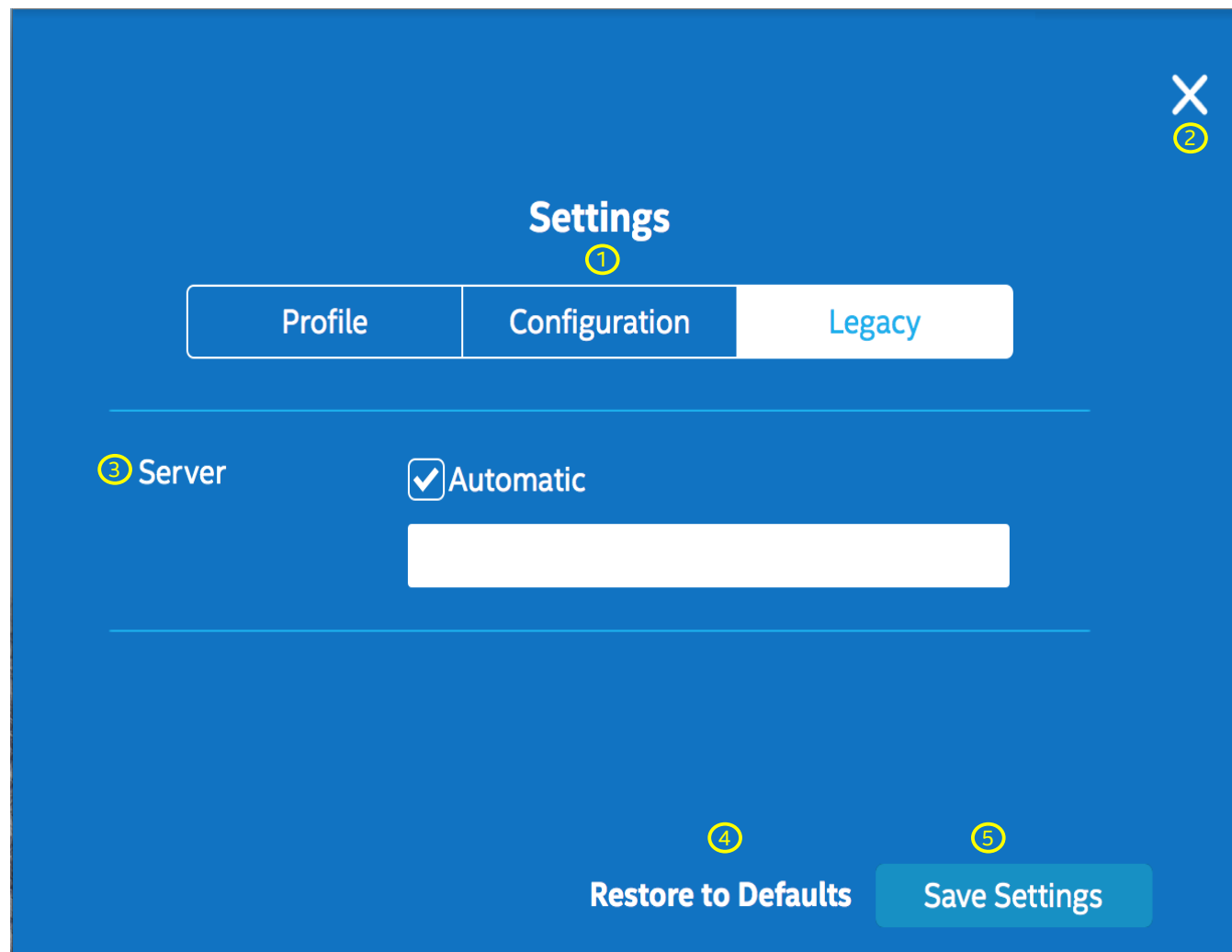


1. **Profile/Configuration/Legacy**—Toggles among **Profile**, **Configuration**, and **Legacy** settings.
2. **Exit button**—Click to exit Settings.
3. **Enterprise Server**—Displays the URL of the server.
4. **Enterprise ID/Org ID**—Displays the OrgID GUID. Org ID is the label on Mac clients.
5. **Organization Name**—Displays the organization name.
6. **Collect and send anonymous usage data check box**—Check to allow anonymous usage data to be collected and sent to Intel. If this setting is not available, contact your IT administrator for information about the data collection policy.
7. **Enterprise Server Public Key**—This is the public key of the server.
8. **Enable debug log check box**—Check the box to capture debug information in a log file.
9. **Allow app sharing updates while in the background check box**—Check to enable background app sharing updates. This enables apps running in the background to be presented. Not enabling this feature only enables apps running in front to be selected for presentation.
10. **A/V Mode**—Select to enable video and audio playback sharing.
11. **Install/Uninstall Audio Components button**—Click to install or uninstall the audio component.
12. **Clear User Token button**—Click to disassociate the client from the enterprise server.
13. **Restore to Defaults**—Click to restore the default settings.
14. **Save Settings button**—Click to save changes made to the settings.

5.8.2.3 Client Settings – Legacy

Figure 13 shows the Legacy Settings page for non-Windows platforms.

Figure 13. Non-Windows Client Settings Legacy Screen



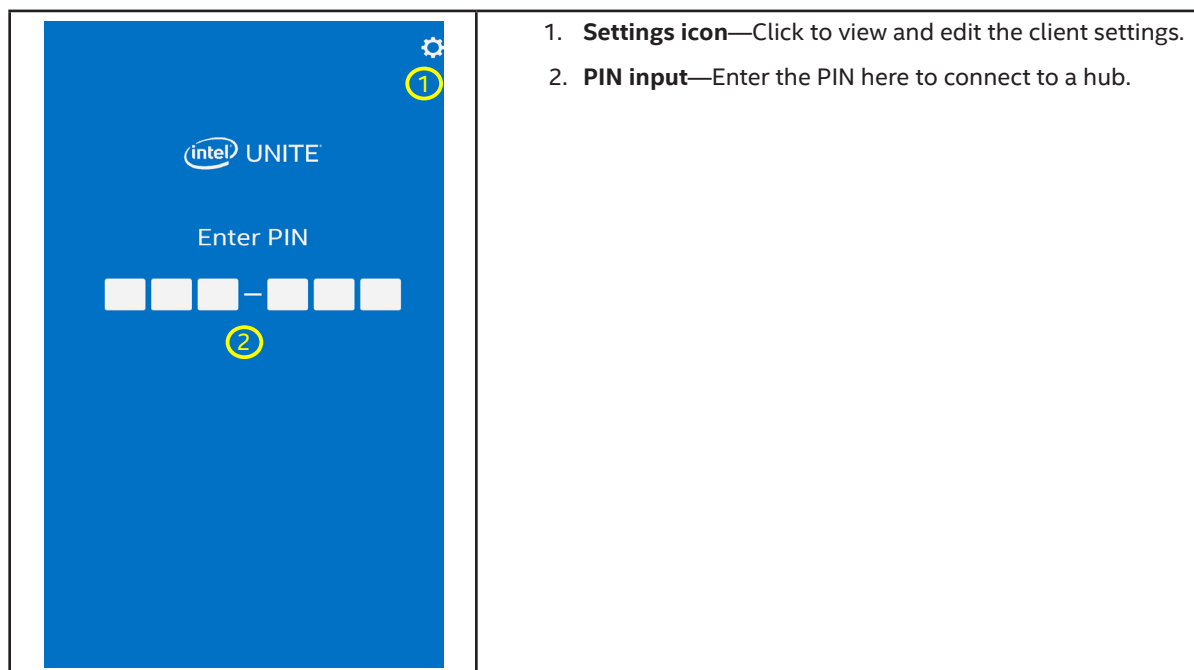
1. **Profile/Advanced/Configuration/Legacy**—Toggles among **Profile**, **Advanced/Configuration**, and **Legacy** settings. The **Configuration** and **Legacy** tabs are on Mac clients only.
2. **Exit button**—Click to exit Settings.
3. **Server**— If the FQDN of the Intel Unite server is known, enter the FQDN into the text box and clear the **Automatic** check box. Check the **Automatic** check box to enable the Intel Unite application to locate the Intel Unite server automatically.
Note: The **Automatic** check box is only available on Mac and iOS platforms.
4. **Restore to Defaults button**—Click to restore the default settings.
5. **Save Settings button**—Click to save changes made to the settings.

5.9 Android Client UI

The Android UI is different than the other clients' UI. This section describes the Android UI.

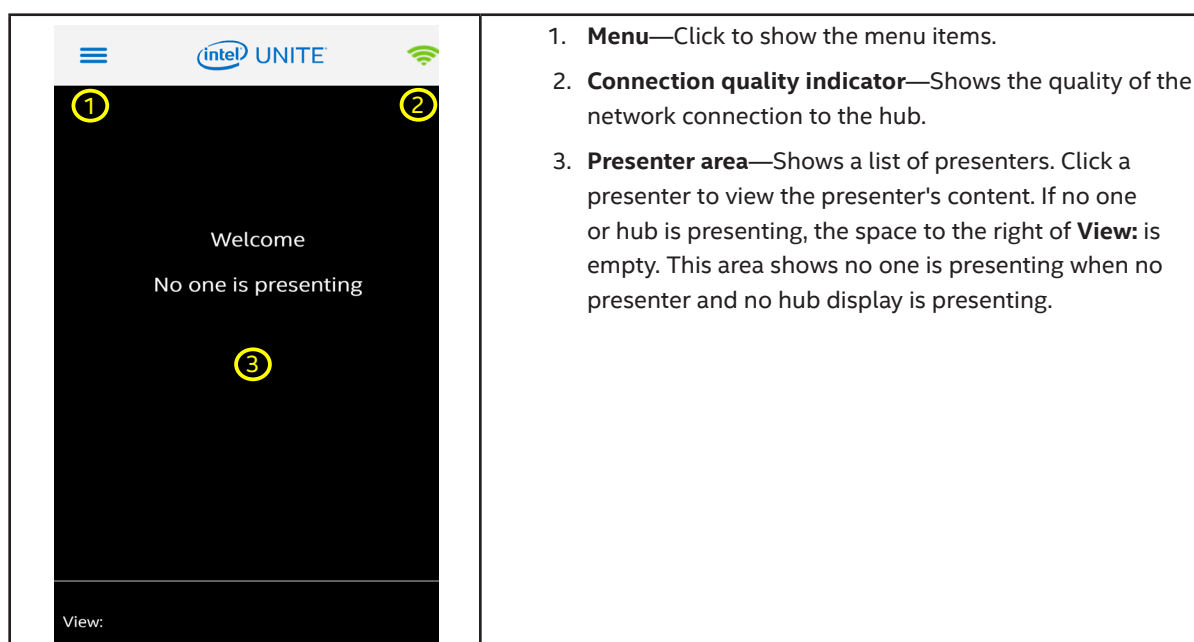
5.9.1 PIN Entry Screen

Figure 13. Android Client PIN Entry Screen



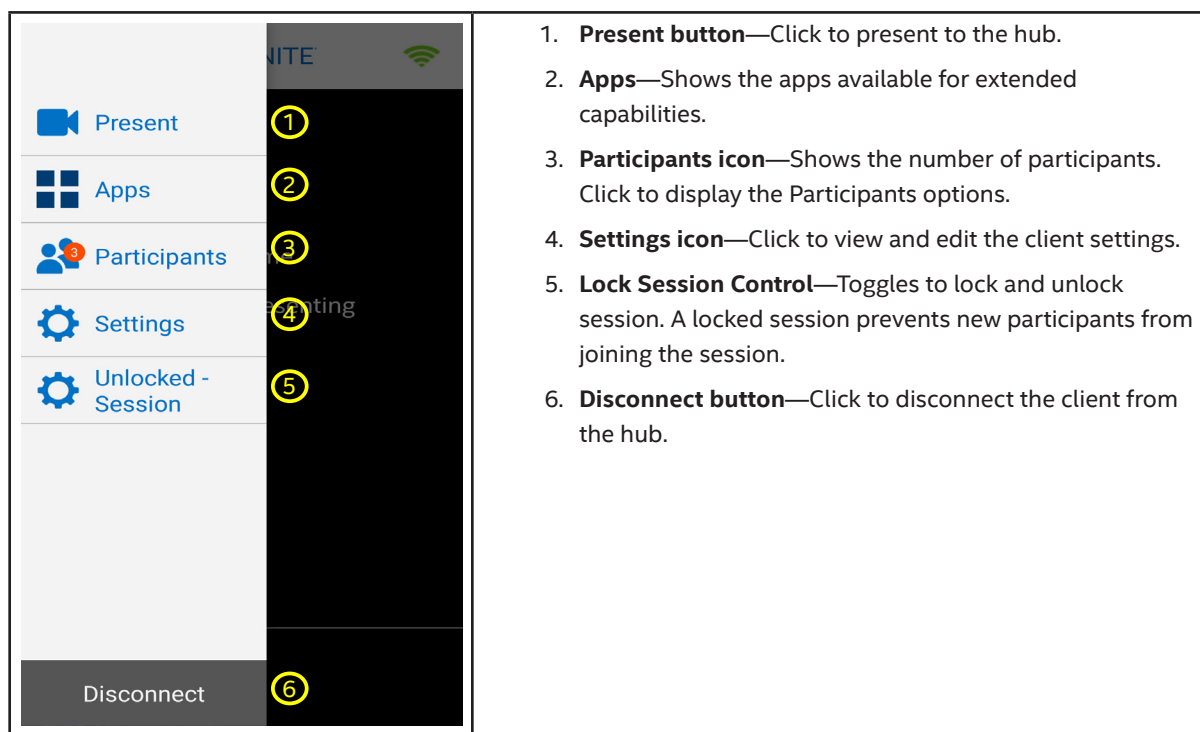
5.9.2 Connected to Hub

Figure 14. Android Client Connected Screen



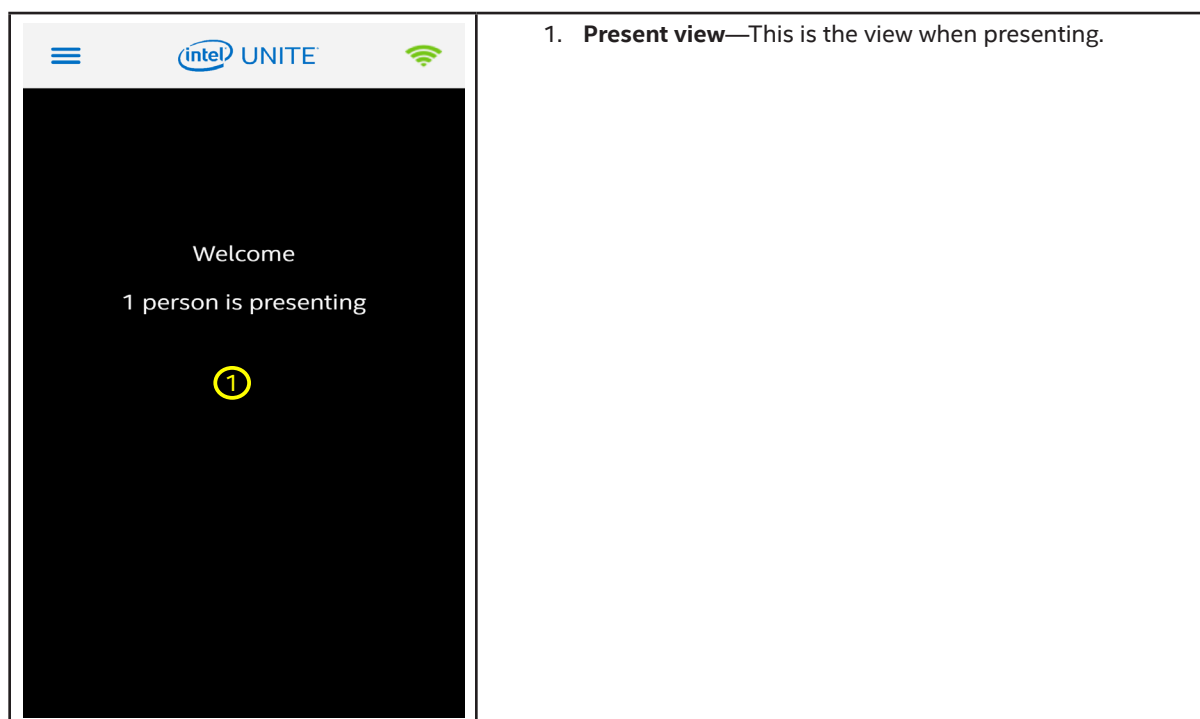
5.9.3 Menu

Figure 15. Android Client Menu



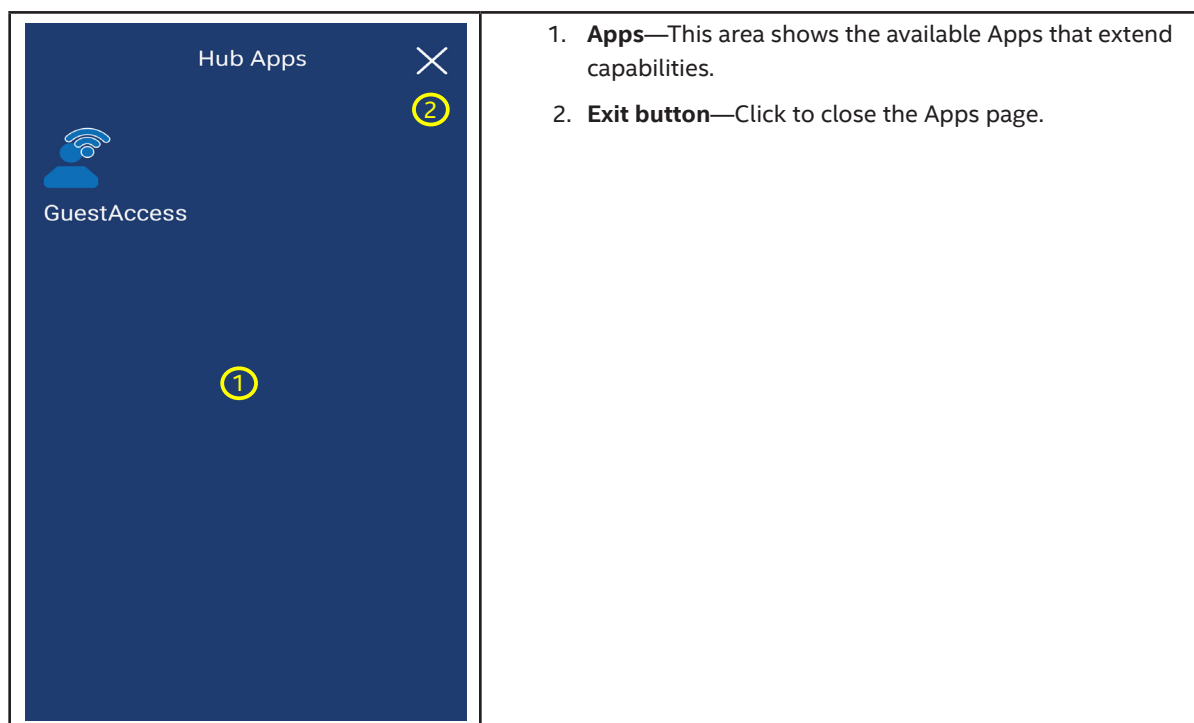
5.9.4 Presenting

Figure 16. Android Client Presenting Screen



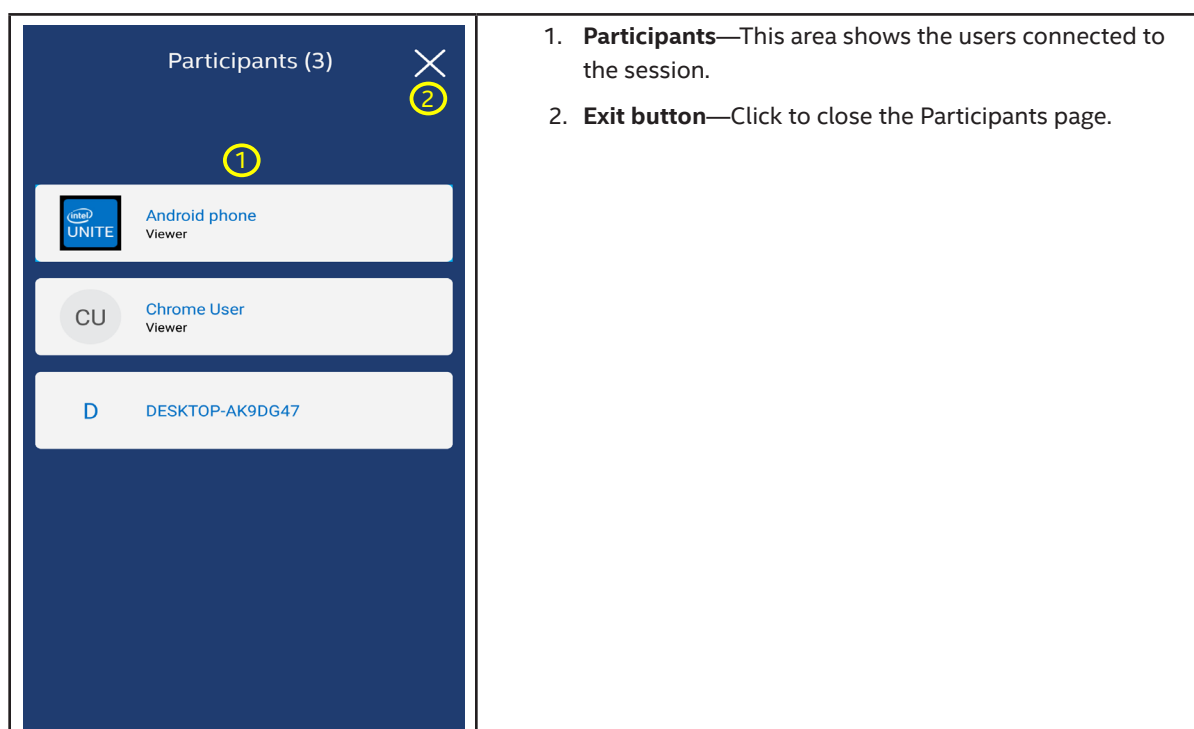
5.9.5 Apps

Figure 17. Android Client Apps Screen



5.9.6 Participants

Figure 18. Android Client Participants Screen



5.9.7 Settings

Figure 19. Android Client Settings Screen

	<ol style="list-style-type: none"> 1. Upload Photo—Enables participants to upload an image or avatar. 2. User Name—Assigns and displays the name of the participant. 3. Version select—Selects the version of Intel Unite® solution hub to connect. 4. Automatic/Manual select—Selects automatic or manual setting of the enterprise server and organization ID. 5. (Manual) Enterprise Server—Enter the FQDN for the enterprise server. Contact the IT administrator for this value. 6. (Manual) Organization ID—Enter the organization ID. Contact the IT administrator for this value. 7. Save Settings button—Click to save changes made to the settings. 8. Exit button—Click to close the Settings page.
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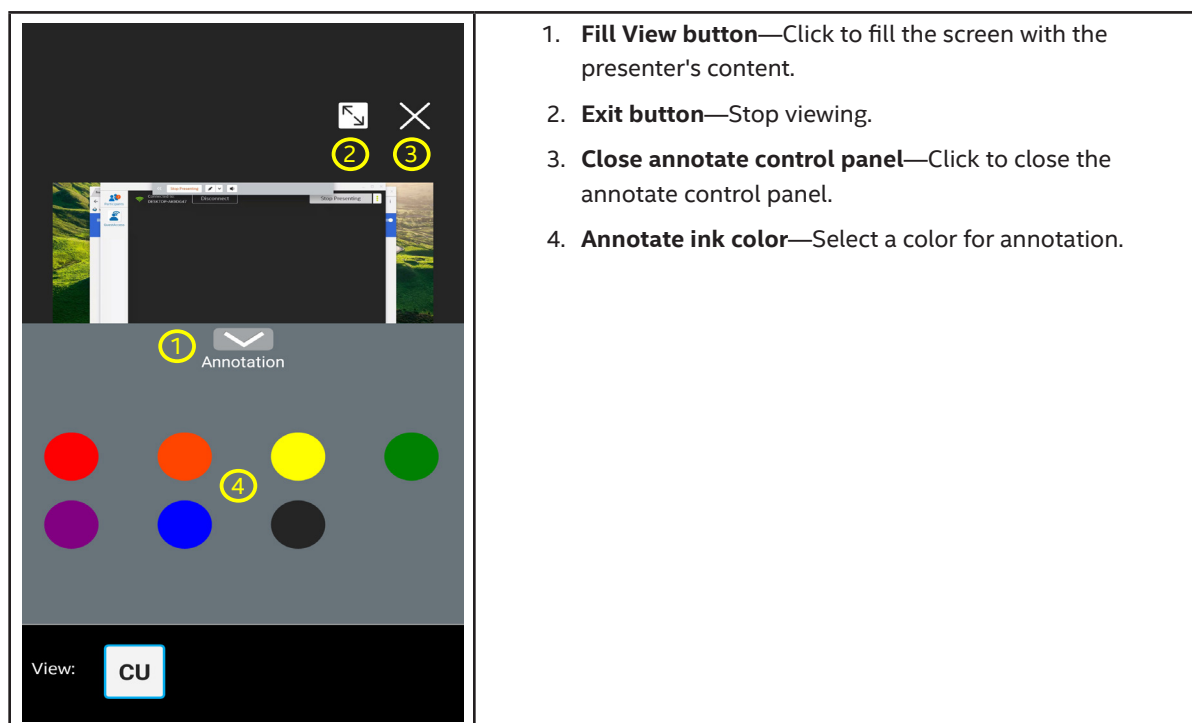
5.9.8 Viewing

Figure 20. Android Client Viewing Screen

	<ol style="list-style-type: none"> 1. Viewing area—The area displays the presenter's content. 2. Fill View button—Click to fill the screen with the presenter's content. 3. Exit button—Stop viewing. 4. Open annotate control panel—Click to open the annotate control panel. 5. Presenter area—Users who are presenting are shown in this area. The image shows one presenter.
--	--

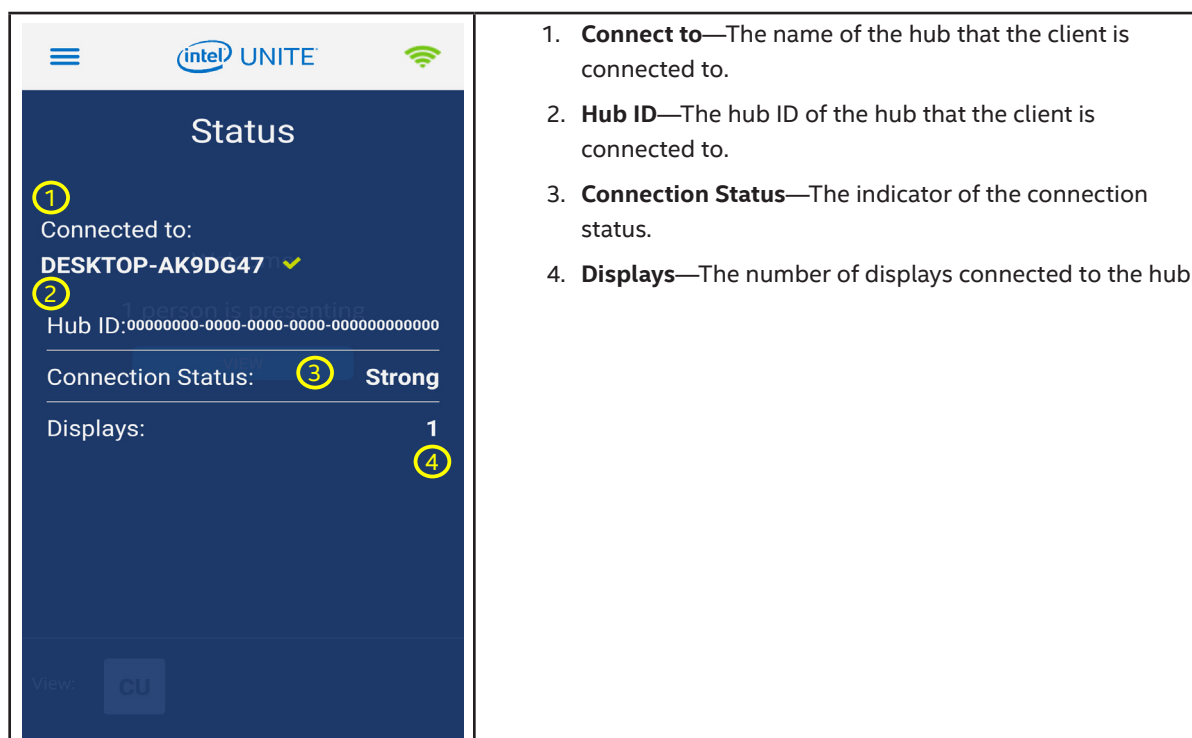
5.9.9 Annotate

Figure 21. Android Client Annotate Screen



5.9.10 Status

Figure 22. Android Client Status Screen



5.10 Landscape and Portrait Mode Support

Clients for the different OS platforms have different support for landscape and portrait modes. The following table shows the support for landscape and portrait mode for each of the OS platforms.


Landscape and Portrait Mode Support Table

Mode	Windows	macOS	iOS	Android	Chrome OS	Linux
Landscape	Yes	Yes	Yes	Yes	*	Yes
Portrait	Yes	No	Yes	Yes	*	No

* Device dependent - Some device may only support Landscape mode or Portrait mode, while others may support both.

6 Client Settings

The Intel Unite® client settings allow participants to change the user name, add an avatar, view the About page, and view the privacy notice page.

To access the client settings, click the gear icon () in the lower-left corner of the client application. This opens the **Settings** screen.

The following settings are included on the **Profile** tab:

- **Update Photo**—Click to load an image to serve as an avatar. To modify, click **Update Photo**, choose an image, click **Open**, and click **Save Settings**.
- **User Name**—Displays the name as it is shown on the hub for the client when connected to a hub. To modify, enter or replace the name in the **User Name** text box, and click **Save Settings**.
- **User Initials**—Displays the initials shown for the client on the hub, if no image has been uploaded, when connected to a hub. To modify, enter or replace the initials in the **User Initials** text box, and click **Save Settings**.
- **Show presentation border check box**—Check to enable a yellow border around the display when presenting.
- **Separate viewing window check box**—Check to view the presentation in a separate window.
- **Automatically accept connection request when hosting a session check box**—Check to automatically accept connection requests when hosting a session.
- **About**—Click to display information about the Intel Unite app.
- **Intel Privacy Notice**—Click to display the privacy notice.

The **Configuration** options include the following settings:

- **Enterprise Server**—Displays the URL of the enterprise server.
- **Org Id**—Displays the OrgID GUID.
- **Organization Name**—Displays the name of the organization.
- **Collect and send anonymous usage data check box**—Check to allow collection and sending of data. If this line item is not shown, contact the IT administrator for the data collection policy.
- **Enable debug log check box**—Check the box to start capturing debug information. A log is saved to the user's **Document** directory (**Unite.log**).
- **Clear User Token**—Click to unregister the client.

The following settings are specific for non-Windows platforms:

- **Enterprise Server Public Key**—This is the public key of the server.
- **(Mac and iOS) Allow background app sharing updates while in the background**—Select to enable background app sharing.
- **(Mac) A/V Mode**—Select to enable video and audio playback sharing. Click the **Install/Uninstall Audio Components** button to install/uninstall the audio component. Without the audio component, audio will not be available during video playback with audio.
- **(Linux) Clear Moderator Token button**—Click to remove the moderator token from the client.
- **(Chrome OS and Linux) Show debug console check box**—Check to display the debug console.

Under the **Legacy** tab are the following setting:

- **Server**—To automatically find the Intel Unite solution server, place a check in the **Automatic** box. If the FQDN of the Intel Unite solution server is known, enter the FQDN into the text box and clear the **Automatic** box.

7 Client Features

Once the client device connects to a hub, the solution provides useful collaboration features. This section provides instructions on how to use the client features included with the Intel Unite solution.

7.1 Client Feature List

The following tables describe the features supported on the client platforms. Some features may not be available due to IT management and/or platform support.

7.1.1 Present Features Table

Feature	Windows*	Mac*	Linux*	iOS*	Android*	Chrome OS*
Present an Application	Yes	Yes	Yes	Limited*	No	Yes
Present Physical Extended Display	Yes	Yes	Yes**	No	No	Yes**
Present Screen	Yes	Yes	Yes	No	Yes	Yes
Present Virtual Extended Display	Yes	No	No	No	No	No
Presentation Border	Yes	Yes	No	No	No	No
Take Over a Presentation	Yes	Yes	Yes	Yes	Yes	Yes
Video Playback with Audio Support	Yes	Yes	Video Only	No	No	Yes

*iOS can present documents, web views, and images from the camera roll.

**Feature provided by the OS.

7.1.2 View Features Table

Feature	Windows	Mac	Linux	iOS	Android	Chrome OS
View Presentation	Yes	Yes	Yes	Yes	Yes	Yes
Pop-Out Viewing Window	Yes	Yes	Yes	No	No	Yes

7.1.3 Collaboration Features Table

Feature	Windows	Mac	Linux	iOS	Android	Chrome OS
Annotation	Yes	Yes	Yes	Yes	Yes	Yes
Share a File	Yes	Yes	No	No	No	No

7.1.4 Session Management Features Table

Feature	Windows	Mac	Linux	iOS	Android	Chrome OS
Connection Status Indicator	Yes	Yes	Yes	Yes	Yes	Yes
Disconnect from the Hub	Yes	Yes	Yes	Yes	Yes	Yes
Disconnect Other User	Yes	Yes	Yes	Yes	Yes	Yes
End Session	Yes	Yes	Yes	Yes	No	Yes
Host from Your Device (Intel® vPro™ Technology Only)	Yes	No	No	No	No	No
Lock Meeting	Yes	Yes	Yes	Yes	Yes	Yes
Moderator Controls	Yes	Yes	Yes	Yes	Yes	Yes
Scheduled Meetings	Yes	Yes	Yes	Yes	Yes	Yes

7.1.5 Apps Features Table

Feature	Windows	Mac	Linux	iOS	Android	Chrome OS
View and Run Intel Unite® Solution Apps	Yes	Yes	Yes	Yes	Yes	Yes

7.1.6 Miscellaneous Features Table

Feature	Windows	Mac	Linux	iOS	Android	Chrome OS
Auto Update	Yes	No	No	No	No	No
Full Accessibility	Yes	Yes	Yes	Yes	Yes	Yes
Real-Time Profile Update	Yes	Yes	Yes	Yes	Yes	Yes

7.2 Present Features

This section provides additional details about the present features.

7.2.1 Present Content

The Intel Unite solution allows participants to quickly present content to a connected hub's display. To present a screen:

1. Connect a client to a hub.
2. Click **Present** to present the content on the primary display.
3. To stop presenting, click **Stop Presenting**.


In addition to being able to present primary displays, the Intel Unite application allows participants to share selected applications, physical extended displays, and virtual extended displays.


7.2.2 Present an Application

The **Present an Application** option allows participants to select one or multiple applications to present while keeping the rest of their content private. Only one application is shared at a time. If multiple applications are selected, only the active application window is shared to the hub.

Note: For iOS clients, application sharing is limited to documents, web views, and camera roll images.

To present an application:


1. Click the present options icon () to open the present options page.
2. Click **Application**.
3. Select the application you want to share from the list, and click **Present**.
4. To stop sharing the application, click **Stop Presenting**.


Note: If multiple displays are connected to a hub, the setting to choose which display to show the presentation on is in the lower-left corner of the present options page. Click the white plus sign with a blue background () to open a list of displays connected to the hub, and select a display.

7.2.3 Present a Physical Extended Display

If a participant's system has multiple physical monitors connected and configured as extended displays, the Intel Unite application enables the participant to share an extended desktop while keeping the primary desktop private.


To present an extended display:


1. Click the present options icon () to open the present options page.
2. Click **Screen**.
3. Select **Extended Display**.
4. Click **Present**.
5. To stop presenting, click **Stop Presenting**.

Note: If multiple displays are connected to a hub, the setting to choose which display to show the presentation on is in the lower-left corner of the present options page. Click the white plus sign with a blue background () to open a list of displays connected to the hub, and select a display.

7.2.4 Present a Virtual Extended Display


If your system has only one display, an additional option to create a virtual extended display is available. To present a virtual display:

1. Click the present option icon () to open the present options page.
2. Click **Screen**.
3. Select **Virtual Extended Screen**.
4. Click **Present**.
5. To stop presenting, click **Stop Presenting**.

Note: If multiple displays are connected to a hub, the setting to choose which display to show the presentation on is in the lower-left corner of the present options page. Click the white plus sign with a blue background () to open a list of displays connected to the hub, and select a display.

7.2.5 Presentation Border

When a user presents, a yellow border surrounds the screen to indicate that the presenter is presenting. This feature can be enabled and disabled in the **Settings Profile**.

1. Click the **Settings** icon ().
2. Click **Profile**.
3. To enable the presentation border, place a check in the **Show presentation border** box.
4. To disable the presentation border, remove the check in the **Show presentation border** box.
5. Click **Save Settings** to apply the new setting.

7.2.6 Take Over a Presentation


When multiple users are presenting, a single presenter might want to take over the hub screen. Take Over is not available with a single presenter.

A presenter can use the **Take Over** feature by using one of two methods:

Method 1:

1. Click the present options icon () to open the present options page.
2. Click **Take Over**.

Method 2:

1. When presenting, click **Take Over** in the presentation toolbar at the center top.
2. If **Take Over** is not present in the presentation toolbar, click the more options icon () and select **Take Over** on the drop down menu.

Note: The Take Over action does not remove any presenters from the collaboration session. Take Over only stops others from sharing content at that time. Other participants can resume sharing any time.





7.2.7 Video Playback with Audio Support

The video playback with audio feature allows in-room attendees to view movies or video clips with audio during presentations.

Video playback with audio support does not function with the **Present Application** feature, and Intel recommends that the client device has the minimum system setup, with a 3rd Gen or later Intel® Core™ processor running Windows* 7, 8.1, or 10, macOS (requires installing a driver), or Chrome OS.

Note: For Linux* clients, only video playback is supported.

If the video playback with audio feature has been enabled by your IT administrator, a speaker button displays after the **Present** button is clicked. The speaker button enables the presenter to mute or unmute the audio being sent from their location. To control the feature:



1. Click the **Present** options icon ().
2. Click **Screen**.
3. Select the screen to share.
4. Click **Present**. Video playback can now be shared, with accompanying audio from the screen selected in Step 3.
5. Click the speaker button () to mute the audio. It changes to a muted speaker button (.
6. Click the muted speaker button () to unmute the audio.

7.3 View Feature

This section describes the view features.

7.3.1 Pop-Out Viewing Window

By default, while viewing a presentation, the presentation is embedded in the client application. This feature allows the presentation to be viewed in its own window, enabling the client application to be minimized. To show the presentation in a separate window, complete the following steps:

1. While viewing a presentation, click the pop-out button () to pop out a window for the presentation.
2. To select a different presentation to view, click the a different presenter's avatar at the bottom next to **View:**.
3. To stop viewing, click the close button () at the center bottom.
4. To close the pop-out window, click the **X** in the upper-right corner.









7.3.2 View a Presentation

When a connected user shares content, you can view and annotate the presentation (if the presenter allows, as described in *Section 8.4.1*). All connected participants who are presenting content are listed at the bottom, to the right of **View:**. To view content presented by a connected participant:

1. Click the avatar of the participant presenting the content at the bottom.

The content being presented by the participant is displayed.

A view control panel is available with the following functions:

- (Mac) Click the plus sign () to zoom in.
 - (Mac) Click the minus sign () to zoom out.
 - (Mac) Click the Reset Zoom ( **Reset Zoom**) to reset zoom.
 - Click the **Pop Out** button () to pop out a window.
 - Click the **Resize** button () to fill the client application window with the viewing area.
 - Click the **Hide Control Panel** arrow () to hide the view control panel.
 - Click the **Expand Control Panel** arrow () show the view control panel.
 - Click the **Close** button () to stop viewing.
2. If the presenter sets **Participant Annotation** to **On** (see *Section 7.4.1 Annotation* for details), the color ink that can be used to annotate is added to the view control panel. If using a pointing device (such as a mouse), select a color, and click and drag to start annotation. If using a touch screen, touch a color, and touch and drag on the display to start annotation.


To switch among multiple presenters, click the participant's avatar. Participants who are presenting are displayed at the bottom of the view. **Up to four people can present at the same time.** If additional participants want to share on the main screen, they must wait until one of the four presenters stops presenting. Alternatively, the Take Over feature can be used. Refer to *Section 8.2.6 Take Over a Presentation*.


7.4 Collaboration Features


This section describes the collaboration features.

7.4.1 Annotation

Annotation is used to highlight and point out a specific item or section on a displayed screen. By default, the ink shown slowly fades after five seconds. To use annotation while presenting:

1. Present your content.
2. Click the annotate button () in the presentation control panel at the top of the display screen. The icon changes to the color of the ink that will be used to annotate.
3. If using a pointing device (such as a mouse), select a color, and click and drag to start annotation. If using a touch screen, touch a color, and touch and drag on the display to start annotation.

Note: If the presentation control panel is closed, click the arrows () to open it.

The annotation control panel is opened by clicking the down arrow icon () next to the annotate icon. The following annotation controls are available:


- **Ink color [Red, Orange, Yellow (default), Green, Blue, Magenta, Black]**—Specifies the color used to annotate on the display screen.
- **Fade Annotation [On (default), Off]**—When set to **On**, the ink fades in five seconds. When set to **Off**, the ink does not fade and remains on the display screen.
- **Participant Annotation [On (default), Off]**—When set to **On**, viewers can annotate the display screen. When set to **Off**, viewers cannot annotate the display screen.
- **Clear Annotation**—Click **Clear** to remove annotations.

7.4.2 Share a File

The file sharing option must be enabled by an IT administrator in the Admin Portal. The **Share Files** feature provides an easy way for users to share presentations, meeting minutes, pictures, and other files with other participants connected to a hub.



Send a File

To send a file using the Intel Unite® application:

1. Click the **Share Files** icon () in the **Apps/Features** area.
2. Click the **File to share** tab.
3. Drag files into the **Drag and drop files here or use the browse button** box. The IT administrator sets the file transfer size allowed.
4. Once the files are ready to send, choose participants in the **Select Recipients** list.
5. Click **Send**. A message displays indicating the file (or files) shared successfully.

Receive a File


Recipients receive an indicator on the **Share Files** icon when files are waiting for them. To receive a file:

1. Click the **Share Files** icon () located on the left.
2. Click **Share With Me**.
3. Click the **Download** button next to the file to be downloaded. A **File Download** pop-up shows **Open**, **Save**, and **Cancel** options. Click **Open** to download the file to a temporary location; the file opens automatically. Click **Save** to download the file to a user-defined location. Click **Cancel** to cancel the download.
4. To remove a file from the list after downloading, click the remove button () next to the file name.

7.5 Session Management Features

This section describes the session management features.

7.5.1 Connection Status Indicator

The connection status indicator () provides a reliability indicator of the connection between a hub and a client device. When the connection becomes less reliable, the icon turns orange and then red.

7.5.2 Disconnect from a Hub

To disconnect from a hub, click the **Disconnect** button at the top of the main screen.


7.5.2.1 Automatic Disconnect

An Intel Unite client automatically disconnects from a hub when any of the following actions occur:

- Lid of the client is closed
- Client enters sleep
- Client shuts down
- Client restarts
- Client loses network connection to the hub

7.5.3 Disconnect Other Users

Any user connected to a session can view a list of participants and disconnect other participants. To view and disconnect participants:

1. To view session participants, click the **Participants** icon ()
2. To disconnect a participant, select the participant in the list, and click **Disconnect**.
3. To disconnect all users and end a meeting or session, click **End Session**.

7.5.4 End a Meeting or Session

To end a meeting or session:

1. Click the **Participants** icon () to view the session participants.
2. Click the **End Session** button.

Note: Moderators can end a session in a moderated meeting or any user can end a session in a non-moderated meeting.

7.5.5 Host from a Device

The **Host from a Device** feature is a peer-to-peer collaboration tool. It can be used for collaborative meetings when meeting or session rooms are unavailable, or participants don't have access to a screen to display content. Peer-to-peer sessions can be hosted from a participant's Windows client device with Intel® vPro™ technology.




1. From the **Enter Pin** page (not connected to a hub), click **Host Session**.
2. To allow other participants to join a peer-to-peer session, the host shares the PIN with them.
3. When a user attempts to join, the **Connection Consent** window displays.
4. Click **Accept** to start the hosted session. To avoid seeing the message every time a user joins, check **Automatically accept all future connections**.


Note: If participants are unable to connect to a hosting client PC, the hosting participant may need to enable the Intel Unite app in the firewall. The host's IT department can help verify firewall settings.

7.5.6 Lock a Meeting

The **Lock a Meeting** feature allows participants to lock a session to prevent other Intel Unite® application users from joining and viewing shared content. When a session is locked, no other Intel Unite application users are allowed to connect.

To lock a meeting or session:

1. Click the **Participants** icon () to view the list of participants who have joined the session.
2. When ready to lock the session, move the **Lock Session** toggle button to the **On** position (). To unlock the session, move the toggle button to the **Off** position (). The session can be locked or unlocked by any participant on the list at any time during the session.

When a session is locked, the display connected to the hub displays a lock icon () next to the PIN, and a toast message appears for a few seconds, indicating the session is locked. If a user attempts to join a locked session, the user receives a message stating that the session is locked, with an option to reset the session.

If a user chooses to reset a locked session, all the participants are disconnected, and the user resetting the session is connected after accepting the **Reset Confirmation**. All the participants connected to the locked session receive a message indicating that another user reset the session. If a session is unlocked while a participant is presenting, content sharing is stopped to avoid any Intel Unite® application users from being able to see the content until the content is shared again.

7.5.7 Moderated Sessions

The **Moderated** feature allows participants to control the meetings or sessions by grouping functionality into three roles:


- **Moderator**—A *moderator* has full control of the sessions and can promote other participants to be the presenter or to be another moderator.
- **Presenter**—A *presenter* has the ability to present, view, annotate, and share files.
- **Viewer**—A *viewer* has the ability to view, annotate, and share files, but not present.

The IT administrator needs to enable this feature on the hub where the meeting or session is taking place. The IT department can use three moderator modes to enable or disable this feature. The three modes are:


- **(0) No moderator meetings or sessions**—The organization has not enabled the moderator role.
- **(1) Self-promote**—The meeting or session is unmanaged until someone promotes themselves to be the moderator. In this case, only the moderator can assign another participant to be the moderator and/or the presenters. The rest of the participants are viewers until the moderator changes their role.
- **(2) Strict**—The meeting or session is managed only by the moderator. All participants who are not moderators will not see the **Present** box until the moderator assigns them as presenters. Participants can request the moderator mode, as long as their email address has been registered as moderators by the IT administrator.

7.5.7.1 Use Self-Promote Mode

To use the self-promote mode:

1. Click the **Participants** icon () to view the list of participants who have joined the session.
2. Participants can request to be a moderator by clicking **Become Moderator**. The rest of the participants become viewers once a participant becomes the moderator.
3. The moderator can assign someone else to be a **Moderator** or **Presenter**, or can **Disconnect** a participant. When the moderator assigns a role to a specific participant, the participant list is updated.
 - When a participant is assigned to a specific role by a moderator, a notification message states that the


role is assigned to the participant. The message appears for a few seconds in the participant's **Ready to Present** window.

- When a participant has a **Viewer** role, the **Present** button is dimmed, and the **Present Option** button  is not functional.
- The moderator can also disconnect a participant from the session. When a participant is disconnected, a message displays stating that the user is disconnected or removed from the session.

Note: A participant on the moderator whitelist is not automatically given the moderator role upon joining a self-promote meeting. To become a moderator, the participant needs to click the **Become Moderator** button.



7.5.7.2 Use Strict Mode

To use the strict mode:

1. Click the **Participants** icon () to view the list of participants who have joined the session.
2. When the strict mode has been configured on the hub by an IT administrator, only the participant who is assigned the moderator role can manage the meeting or session. All participants who are not moderators will not see the **Present** box until the moderator assigns them as presenters.
3. Participants can request the moderator role by clicking the **Become Moderator** button. By clicking the **Become Moderator** button, a request is made to add the participant to the moderator whitelist, granting the participant the moderator role for strict mode meetings.

7.5.7.3 Set Session Privileges

Only moderators of a session may set the privilege of participant in a session. To set a viewer user to either presenter or moderator:

1. Click the **Participants** icon () to view the list of participants who have joined the session.
2. Click the options icon () of the guest user.
3. Set the user privilege:
 - Select **Presenter** to assign presenter privilege.
 - Select **Moderator** to assign moderator privilege.

7.5.8 Schedule a Meeting

The schedule a meeting feature allows Microsoft Outlook* users to schedule a meeting or session with Intel Unite, providing a convenient way to provide a link to invitees. Invitees can connect to a prescheduled meeting without entering a PIN after a hub has been added to the meeting by the first invitee to join.

To schedule a meeting or session, the **Intel Unite plug-in for Microsoft* Outlook** must be installed on the device (Windows client devices). Refer to *Appendix A: Intel Unite Add-in for Microsoft® Outlook* for installation and usage instructions.


- To join a meeting or session, a participant opens the meeting invite, and clicks the **Join Intel Unite** link in the meeting invitation. The participant is directed to a virtual room. If someone else has already added the room display to the meeting, the participant automatically joins the session.
- If the participant is in a conference room, classroom, or training room where the session is taking place, the room display can be added by clicking blue plus and entering the PIN from the hub display on the **Host From Room Solution** window. Once the room is added, everyone in the virtual lobby joins the session. To start the meeting, only one participant needs to add the room display.

Note: The schedule a meeting feature is also available through the Admin Portal. See the Admin Portal section of the Deployment Guide for more details.

7.6 Apps and Features

This section describes running Apps.

7.6.1 Run Intel Unite® Solution Apps

The available Intel Unite solution apps display in the left panel, below the **Participants** icon. To run an app, click the app's icon. For details about an app, see the corresponding app user guide (for example, the Scratchpad* user guide or Skype* for Business user guide). If the panel is hidden, click the **Show Panel** arrows () to unhide the panel.

7.7 Miscellaneous

This section describes the miscellaneous features.

7.7.1 Auto Update

On Windows* clients, the client application and apps/features can be automatically updated by the IT administrator. When a client connects to the server, the server can be configured to push the latest version of the clients and/or any other apps to keep the client updated with the latest version and features. Auto update can be disabled through the Admin Portal.

Refer to the *Intel Unite® Solution 4.0 Deployment Guide* for information about disabling auto update, creating packages, and assigning configurations.

7.7.2 Full Accessibility

The client application is designed for accessibility, extending the use of Intel Unite® solution to more users.

7.7.3 Real-Time Profile Update

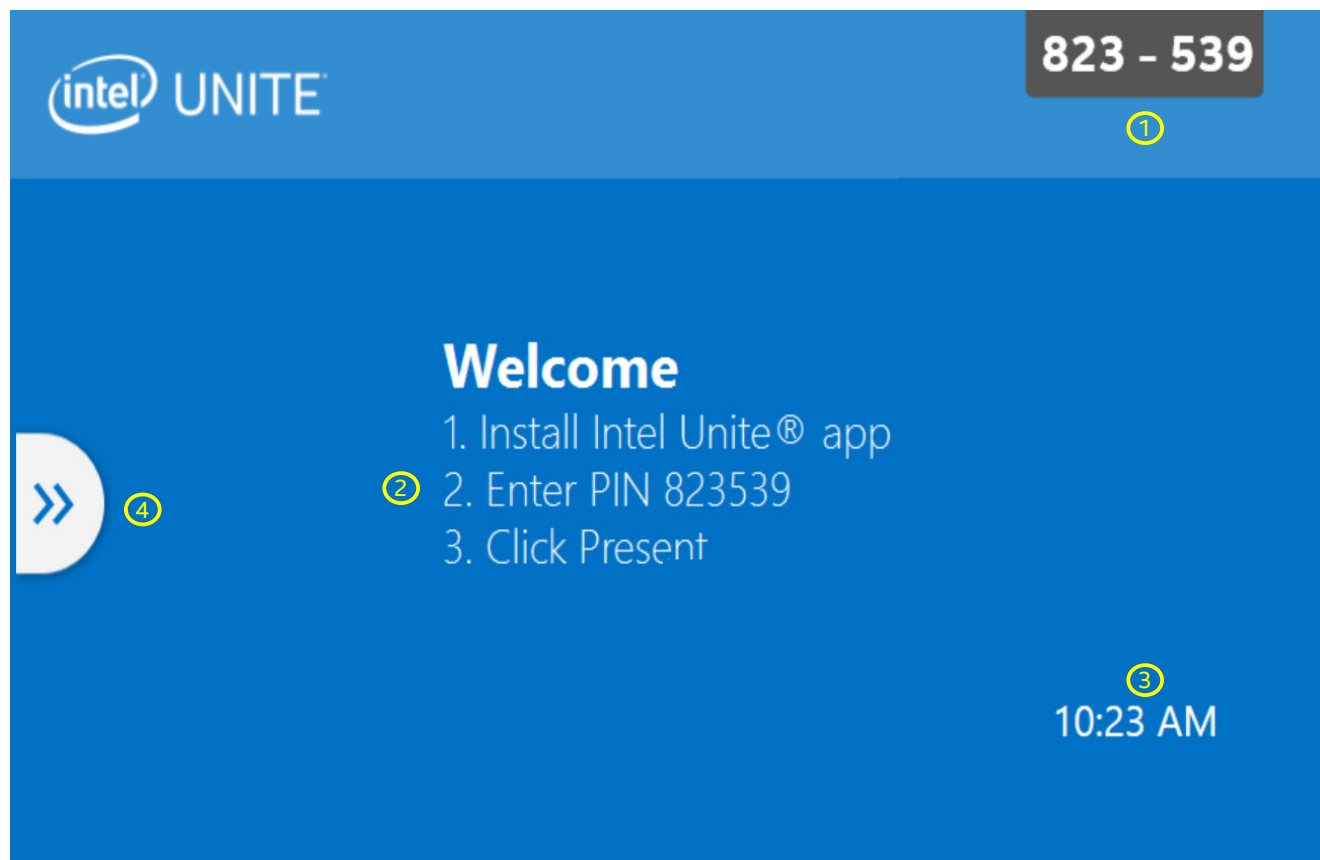
Changes made to the client setting's profile page are applied after the **Save Settings** button is clicked. The client application does not need to be restarted.

8 Hub UI Overview

8.1 Hub Main Screen

Figure 23 shows the main screen that displays on the hub.

Figure 23. Hub Main Screen

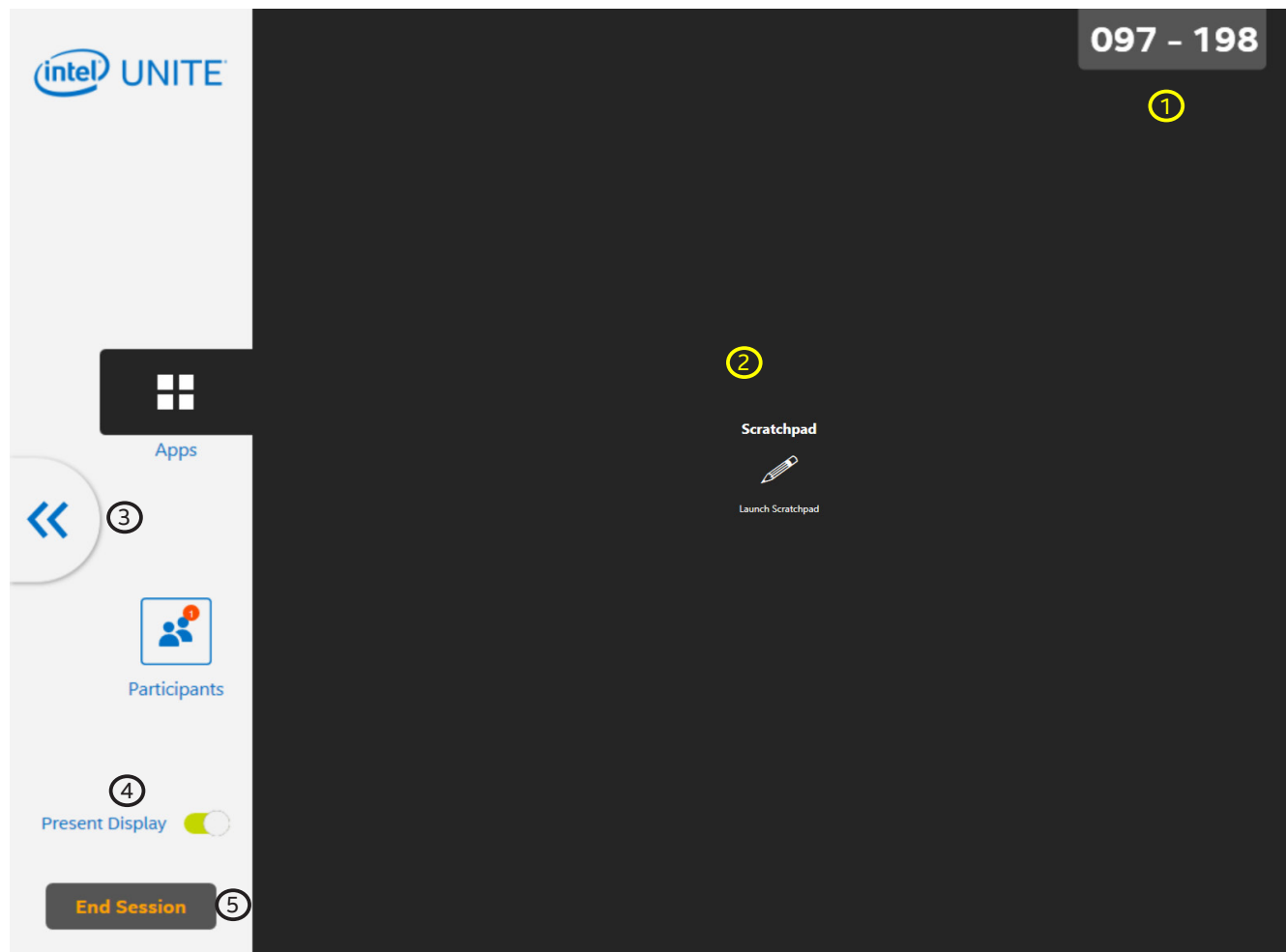


1. **PIN**—The number entered on the client.
2. **Instructions**—The instructions can be customized by the IT administrator.
3. **Clock**—The current time. It can be hidden by the IT administrator.
4. **Open Options**—Click to display more options. This feature can be disabled by the IT administrator.

8.2 Hub Apps Screen

Figure 24 shows the apps screen, which displays the apps available on the hub.

Figure 24. Hub Apps Screen

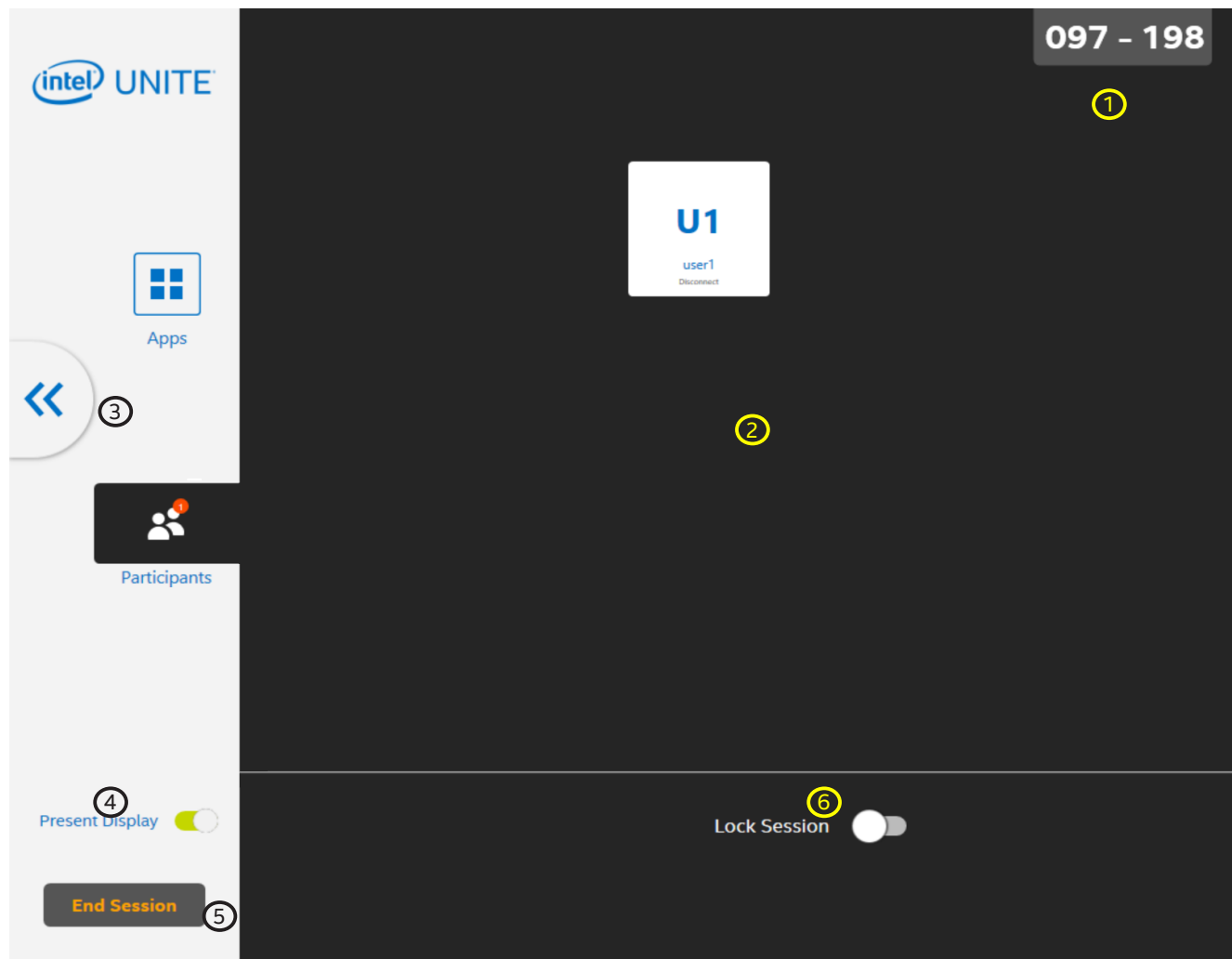


1. **PIN**—The number entered on the client.
2. **Apps area**—Displays the available apps.
3. **Close options**—Click to return to the main display.
4. **Present Display**—Toggles to enable/disable the hub as a presenter.
5. **End Session button**—Click to end the session and disconnect all users.

8.3 Hub Participants Screen

Figure 25 shows the Participants screen, which shows all connected users.

Figure 25. Hub Participants Screen



1. **PIN**—The number entered on the client.
2. **Users area**—Displays the connected users.
3. **Close Options**—Click to return to the main display.
4. **Present Display**—Toggles to enable/disable remote presentation of the hub display.
5. **End Session button**—Click to end the session and disconnect all users.
6. **Lock Session**—Toggles to lock/unlock the session.

8.4 Hub View Control Panel


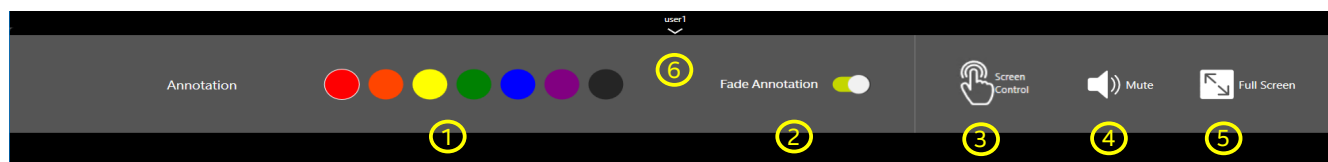
This is the hub **view control panel**, which allows a hub that is connected to a touch-capable display or a mouse to annotate, mute/unmute audio, enable full screen, or use the screen control feature. To open the view control panel, touch or left mouse click the up arrow icon () at the center bottom during a presentation.

Figure 26. Hub View Control Panel



1. **Annotation color**—Selects a color for annotation.
2. **Annotation fade**—When toggle is green, fade is enabled. When toggle is gray, fade is disabled. When fade is enabled, annotation fades after a few seconds.
3. **Screen Control**—Enables or disables the screen control feature, allowing control of the presenting client. This icon only appears with touch-enabled displays and when the client allows screen control.
4. **Mute/Unmute**—Toggles audio mute and unmute.
5. **Full Screen**—If more than one presenter is presenting to the display, click or touch to cause the selected presentation to take over the display and stop the other presentations.
6. **Hide view control panel**—Click or touch to hide the view control panel.

9 Hub Features

Hubs that have connected input devices, such as a touch screen or mouse, can access hub features.

9.1 Hub Feature List

Following are the hub features:


- Annotate
- Display and run apps
- Display connected clients
- End session
- Hub as presenter
- Lock and unlock sessions
- Take over using Full Screen
- Screen Control*

*Screen Control only with Windows 10 Clients.

9.1.1 Annotate



The annotation options are available when the hub is presenting or the presenter has set the **Participant Annotation** to **On**.

Following are the steps for using this feature:

1. Click the show presentation panel icon () in the center bottom.
2. Select an ink color.
3. Touch and drag or click and drag to start annotating.
4. By default, **Fade Annotation** is **On**, which causes the ink to fade after a few seconds. If it is set to **Off**, the ink will not fade.

9.1.2 Display and Run Apps



To see the apps available on the hub and run them, complete the following steps:

1. Click the **Open Options** arrows () to open the side panel.
2. Click the **Apps** icon () to display the apps available on the hub.
3. Click an app's icon to launch it.

For detailed information about each app, see the corresponding app user guide (for example, the Scratchpad user guide or Skype for Business user guide)


9.1.3 Display Connected Clients

To see the clients connected to the hub, use the following steps:

1. Click the **Open Options** arrows () to open the side panel.
2. Click the **Participants** icon () to display the clients connected to the hub.





9.1.4 End a Session

Ending a session results in all participants being disconnected from the hub. To end a session from the hub, follow the next steps:

1. Click the **Open Options** arrows () to open the side panel.
2. Click **End Session**.



9.1.5 Hub as a Presenter

The **Hub as a Presenter** feature allows the hub to present. The IT administrator must enable this feature on the hub. To present from the hub, use the following steps:

1. Click the **Open Options** arrows (), to open the side panel.
2. Toggle the **Present Display** switch to **On** ().
3. To stop presenting, click the **Open Options** arrows ().
4. Toggle the **Present Display** switch to **Off** ().

9.1.6 Lock and Unlock a Session


A locked session blocks new participants from joining a session. A session can be locked and unlocked from the hub as follows:

1. Display the connected clients.
2. To lock a session, toggle the **Lock Session** switch to **On** ().
3. To unlock a session, toggle the **Lock Session** switch to **Off** ().

9.1.7 Take Over

The Take Over feature allows the full screen display of a single presentation when multiple presentations are targeted to a single display.

To use the Take Over feature.



1. When multiple presenters present to the same display, select the presentation to be displayed in full screen.
2. Click the show presentation panel arrow () in the center bottom.
3. Click **Full Screen**.

9.1.8 Screen Control

The Screen Control feature allows the hub to send touch and/or mouse controls to the presenting client.

Note: When Screen Control is enabled, the hub's virtual keyboard is not functional. To allow functionality of the virtual keyboard on the hub, disable Screen Control.

Following are the steps for using the Screen Control feature:

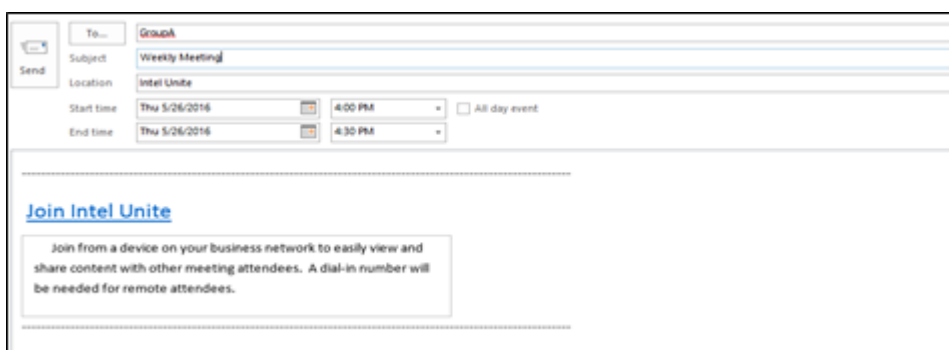
1. Tap or click the show presentation panel arrow () in the center bottom.
2. Tap or click the **Screen Control** icon () to enable Screen Control.
3. Use touch or a mouse to control presented content on the client.

Appendix A: Microsoft* Outlook Add-In for the Intel Unite® Solution

To install the Microsoft* Outlook add-in for the Intel Unite solution:

1. Run the file **Intel Unite Add-in for Microsoft Outlook.msi**.
2. Complete the installation.
3. Open Outlook.
4. On the Home ribbon, click **Intel Unite Application Create Meeting**. The meeting created using the schedule meetings functionality will look similar to Figure 27:

Figure 27. Outlook Meeting



Send

To: Group

Subject: Weekly Meeting

Location: Intel Unite

Start time: Thu 5/26/2016 4:00 PM ☐ All day event

End time: Thu 5/26/2016 4:30 PM

[Join Intel Unite](#)

Join from a device on your business network to easily view and share content with other meeting attendees. A dial-in number will be needed for remote attendees.

Appendix B: Client Hot Keys

The tables in this section show the hot keys mapped to various functions of the Intel Unite* client.

Hot Keys for Pin Functions

PIN Screen Function	Windows	Mac	iOS	Android	Chrome	Linux
PIN Entry	0–9	0–9	0–9	0–9	0–9	0–9
Delete Last Digit	Backspace	Backspace	Backspace	Backspace	Backspace	Backspace
Clear PIN	ESC	CMD + Delete	CMD + Delete	ESC	ESC	ESC
Paste PIN	CTRL + V	CMD + V	CMD + V	CTRL + V	CTRL + V	CTRL + V

Hot Keys for Main Screen Functions

Main Screen Function	Windows	Mac	iOS	Android	Chrome	Linux
Participants	CTRL + P	CMD + P	CMD + P	CTRL + P	CTRL + P	CTRL + P
Screen-> Screen 1-> Present	CTRL + 1	CMD + 1	CMD + 1	CTRL + 1	CTRL + 1	CTRL + 1
Screen-> Screen 1-> Advanced	CTRL + 2	CMD + 2	CMD + 2	CTRL + 2	CTRL + 2	CTRL + 2
Disconnect	CTRL + E	CMD + E	CMD + E	CTRL + E	CTRL + E	CTRL + E
Lock Session	OS Modifier Key + L	CMD + L	CMD + L	OS Modifier Key + L	OS Modifier Key + L	OS Modifier Key + L
View Participant (Stretch)	CTRL + Shift + # (1–8)	CMD + Shift + # (1–8)	Not Available	CTRL + Shift + # (1–8)	CTRL + Shift + # (1–8)	CTRL + Shift + # (1–8)

Hot Keys for Presenting Functions

Presenting Function	Windows	Mac	iOS	Android	Chrome	Linux
Annotate	CTRL + N	CMD + N	CMD + N	CTRL + N	CTRL + N	CTRL + N
Disable Annotation	CTRL + O	CMD + O	CMD + O	CTRL + O	CTRL + O	CTRL + O
Mute WebRTC	CTRL + T	CMD + T	Not Available	CTRL + T	CTRL + T	CTRL + T

Hot Keys for View Functions

View Function	Windows	Mac	iOS	Android	Chrome	Linux
Annotate	CTRL + N (Others if Capable)	CMD + Shift + N	CMD + Shift + N	CTRL + N (Others if Capable)	CTRL + N (Others if Capable)	CTRL + N (Others if Capable)

Hot Keys for Other Functions

Other Function	Windows	Mac	iOS	Android	Chrome	Linux
Host Session	CTRL + H	CMD + H	Not Available	CTRL + H	CTRL + H	CTRL + H
Preferences	CTRL Y + S	CMD + ,	CMD + ,	CTRL Y + S	CTRL Y + S	CTRL Y + S