



Intel Unite[®] Solution

Plugin Guide for Scratchpad

Version 1.1



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1. Introduction

Welcome to the guide for the Intel Unite® Plugin for Scratchpad.

This guide contains detailed instructions on installing the plugin for the Scratchpad functionality, as well as information on the key features of this plugin.

1.1 Audience

This document is designed for use by IT professionals who are responsible for installing the Intel Unite software and adding optional features to the application.

1.2 Overview

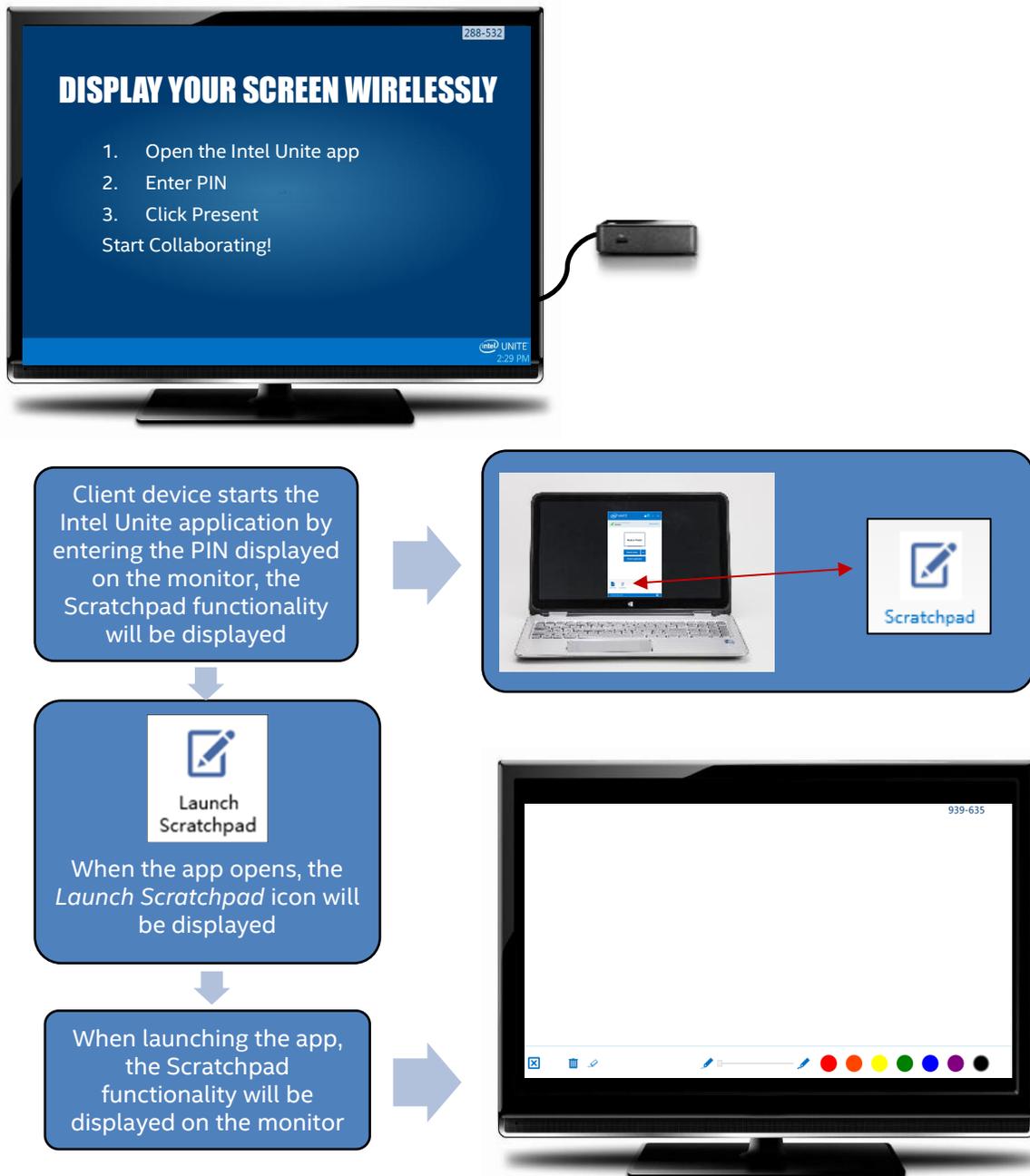
The Intel Unite® Plugin for Scratchpad enables creative brainstorming and intuitive annotating for in-room users. When using a touch-based monitor in the room, participants can draw on the screen.

The touch-enabled monitor where the Intel Unite app is running will become a Scratchpad when enabled by one of the in-room users. Participants will be able to collaborate together and when their session is done, the Scratchpad will be cleared.



2. Plugin Flow

The plugin for Scratchpad has been installed and configured on the Hub.





3. Plugin Installation

3.1 Pre-requisites

The Intel Unite® Plugin for Scratchpad will be installed on the Hub and has the following requirements.

Software requirements:

- Intel Unite software for the Hub, version 3.0 or greater

Hardware requirements:

- Any touch-enabled monitor

3.1.1 Ensure that the plugin is trusted

Follow the instructions in section 3.3 *Obtaining the Certificate Hash Value*. You can also refer to the Intel Unite Solution Enterprise Deployment Guide, under **Hub installation>Plugins** section.

3.2 Installation of the Intel Unite Plugin for Scratchpad

On the Hub:

1. Close the Intel Unite application.
2. Run the **Intel Unite Plugin for Scratchpad.msi**.
3. Launch the Intel Unite application on the Hub.

On the Client:

4. Ensure the plugin has been installed by opening the Intel Unite client app and look for the Scratchpad icon.
5. The plugin has been installed.

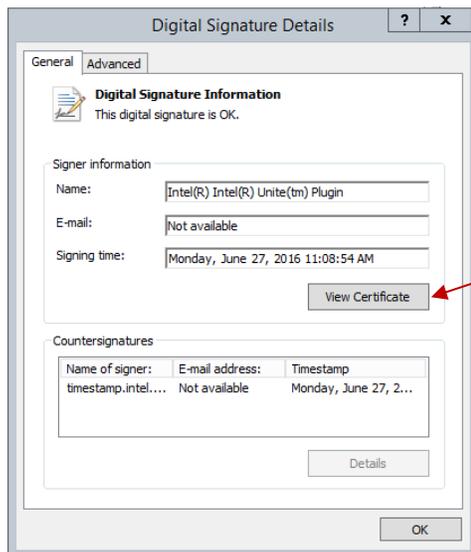


3.3 Obtaining the Certificate Hash Value

It is recommended to obtain and use key values for plugins vs the default value (default value = blank), as key values add security and prevent malicious plugins from being installed and run on Hubs.

NOTE: For a test environment, you could use the default key value, but this is not recommended for a production environment.

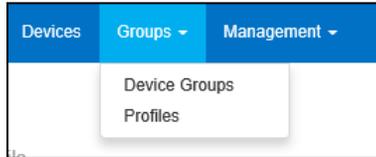
1. In the Intel Unite\Hub\Plugins folder, right click on the **Scratchpad dll** file and choose **Properties**.
2. When the plugin **Properties** window opens, open the **Digital Signatures** tab.
3. Select **Intel Unite Plugin** and click on **Details**.
4. On the **Digital Signatures Details** window, click on **View Certificate**.



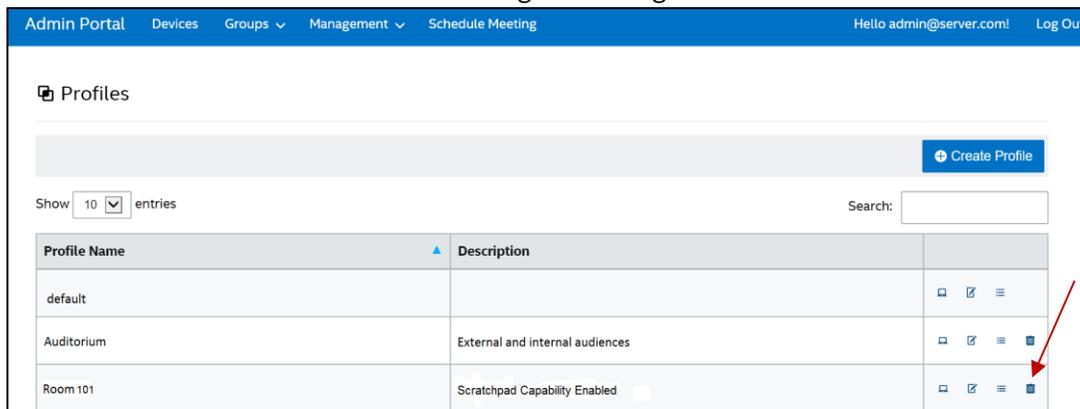
5. In the **Certificate** window, select the **Details** tab and scroll down until you see **Thumbprint**.
6. Select **Thumbprint**. Once the value is displayed, copy and paste it into a notepad or a text file, remove the spaces and save it.
7. This information will be used when you create the Profile for your plugin on the Admin Web Portal. The key value can also be created and entered after the profile has been created.

3.3.1 Edit or create the Profile on the Admin Web Portal

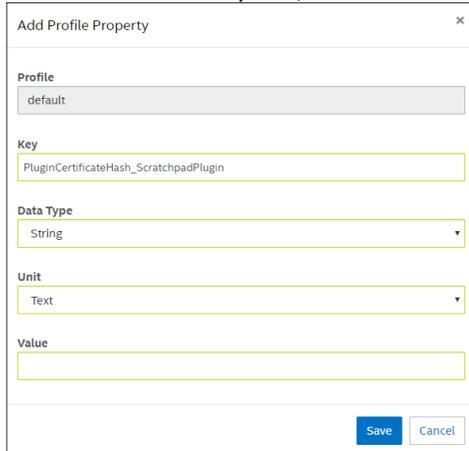
1. Go to the Admin Web Portal, under **Groups**, select **Profiles**.



2. Under the **Profile Name** list, find the Profile where you want to create the new key and click on the **View Details** icon (located on the last column on the right), alternatively, you may want to create a new Profile instead of using an existing one.



3. Create a Key for the Scratchpad Plugin Certificate Hash by clicking on **Add Profile Property**, when the window opens, enter the following:



Add Profile Property

Profile: default

Key: PluginCertificateHash_ScratchpadPlugin

Data Type: String

Unit: Text

Value: [Empty field]

Save Cancel

- **Key:** PluginCertificateHash_ScratchpadPlugin
(The format is PluginCertificateHash_XXXX, where X is the name you are giving the plugin)
- **Data Type:** String
- **Unit:** Text
- **Value:** Paste the value saved in the notepad or text file (Thumbprint value). This data can also be entered after creating the key.

4. Click on **Save**.



5. In the **Profile** window, you will see the new plugin key, you can click on **Edit** to enter its value (if you haven't added it) or to edit this key.

Profile: default | Default Profile For All Clients.

← Back + Add Profile Property

Show 10 entries Search:

Key	Value	
PluginCertificateHash_ScratchpadPlugin		

6. You must also ensure the **Verify Plugin Certificate Hash** key is set to **True**, if you want it enabled. If the value is set to **False**, the hub will not check the signing certificate of the installed plugins.

Profile:Room101 | Used for meetings with Skype

← Back + Add Profile Property

Show 10 entries Search:

Key	Value	
PluginCertificateHash_LyncPlugin		
Send Error Email Address		
Service Listen Port	0	
Tile Compression	85	
Tile Size	128	
Verify Plugin Certificate Hash	True	

Showing 21 to 26 of 26 entries First Previous 1 2 3 Next Last

NOTE: For a test environment you could disable the certificate check; in a production environment, the recommendation is to set the value to **True**.

7. Once the profile has been updated with the Scratchpad plugin data, remember to assign it to the Hub devices where you want it enabled.



4. How to enable the Scratchpad feature on your Client device

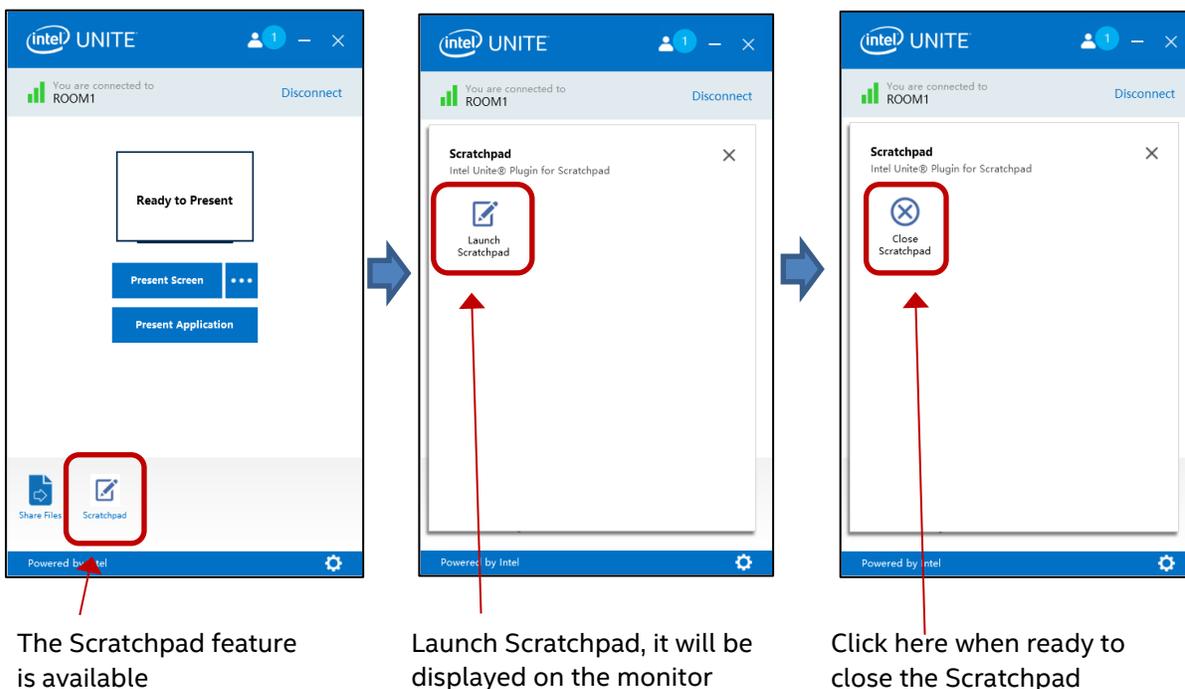
Meeting participants enter an Intel Unite® solution enabled room where the plugin has been installed.

1. On your client device, open the Intel Unite® app and enter the PIN displayed on the Hub.
2. Click on the **Scratchpad** icon.
3. Click on the **Launch Scratchpad** icon, this action will cause the Hub to show the Scratchpad on the monitor.

Closing Scratchpad will not delete the contents of the canvas, this enables you to context switch between Scratchpad, presentations, and other integrations without losing your data.

When all users disconnect from the Intel Unite app, the Scratchpad will reset itself and clear the canvas.

See the flow below:

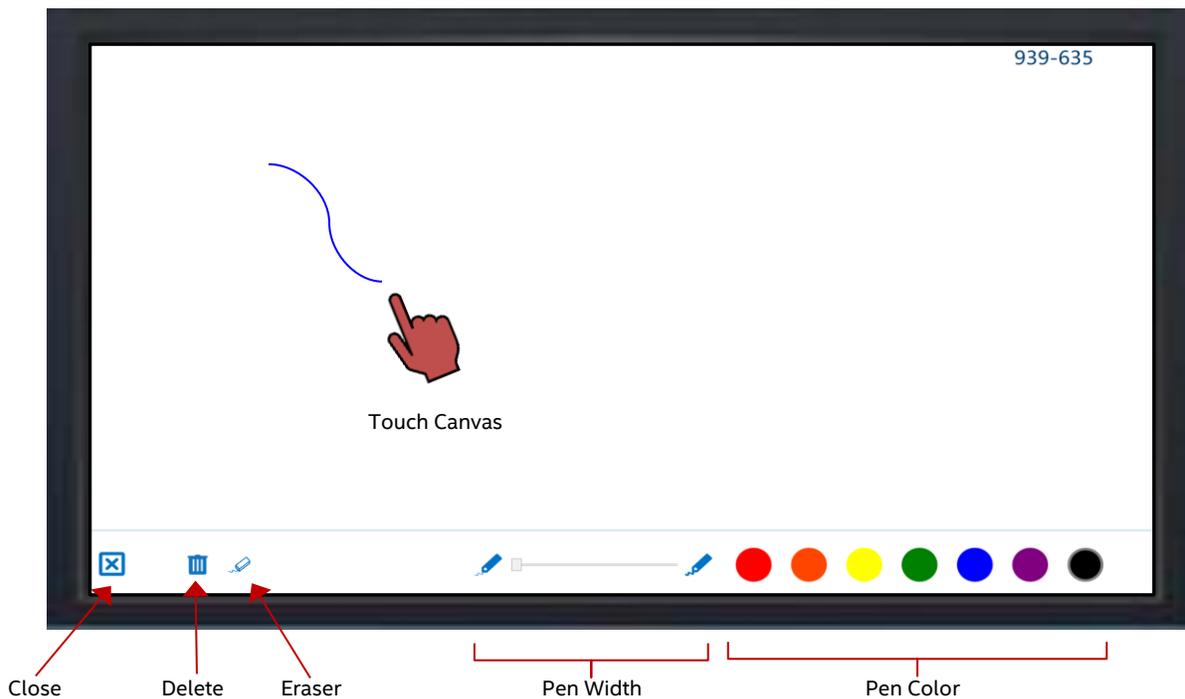


Note: Closing Scratchpad will not clear the canvas

5. Scratchpad features

The following features are available with the Scratchpad plugin:

- Touch canvas
- Close (Note: Closing the Scratchpad will not clear the canvas)
- Delete (clear the Scratchpad canvas)
- Eraser
- Pen Width
- Pen Color





Appendix A. Troubleshooting

This section will walk you through common issues, possible causes, and their resolution.

ISSUE	POSSIBLE CAUSES & RESOLUTION
<p>The plugin does not appear in the Intel Unite® app</p>	<p>There are a few reasons why that can happen. The easiest way to determine what is happening is to enable debug mode for the plugin and launch the Intel Unite app in debug mode.</p> <p>To launch the Intel Unite app in debug mode, open a command window and launch Intel Unite.exe with the debug flag by typing the following (including the quotes):</p> <pre data-bbox="618 877 1349 940">"C:\Program Files (x86)\Intel\Intel Unite\Hub\Intel Unite.exe" /debug</pre> <p>There will be 2 debug consoles, one looks like a text document and is the Intel Unite app console, the other is a window that looks like a CMD window and will give more information.</p> <p>Possible issues and resolutions:</p> <ol style="list-style-type: none"><li data-bbox="574 1150 1349 1255">1) The plugin is not trusted. Refer to section "Obtaining the Certificate hash Value" or the Enterprise Deployment Guide.