



RE MAGO

Magic Pointer plugin for Intel Unite

Product Name:	Magic Pointer plugin for Intel Unite		
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Title:	Magic Pointer plugin for Intel Unite	Document Version Date:	06/06/2018
Reviewed By:	Cristiano Fumagalli	Review Date:	

Version Number	Version Date	Revised By	Description	Filename
1.4	18/05/2018	M. Taverna		MP_Unite_Plugin_1.4.pdf

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1. Premise

The Intel Unite application supports the use of plugins. Plugins are software elements that extend the features and capabilities of the application, implementing user experience modalities.

Unite plugins must be installed on the Hub computers, but plugins may be unique to each Hub.

This guide suppose you have an Intel Unite environment running in Enterprise configuration, as described by official Intel documentation.

2. Magic Pointer Installation for Intel Unite Hub

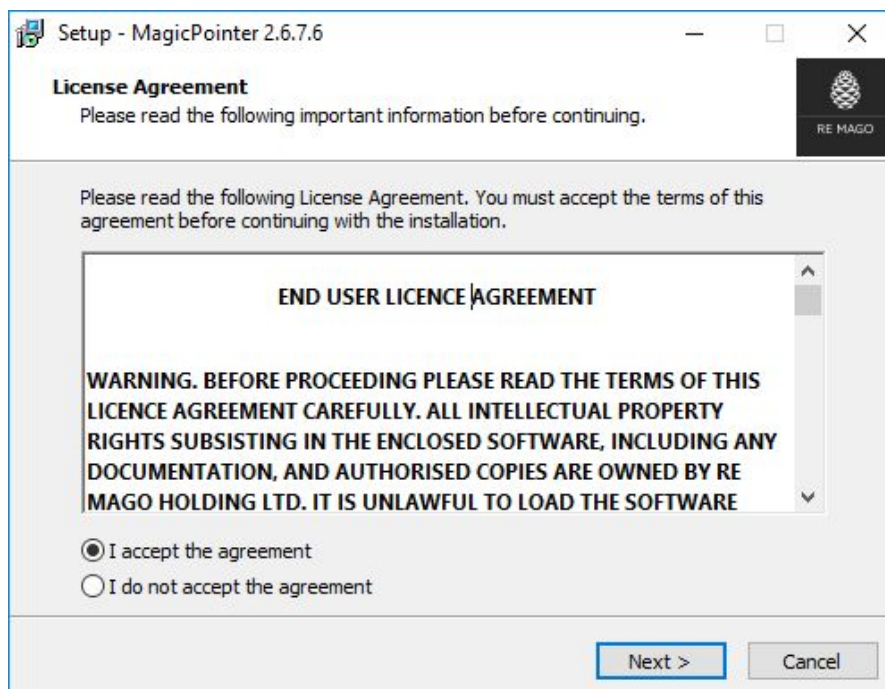
Remove any previous installation of Re Mago Magic Pointer.

Verify that all existing files have been removed from Magic Pointer installation paths. Execute the following steps:

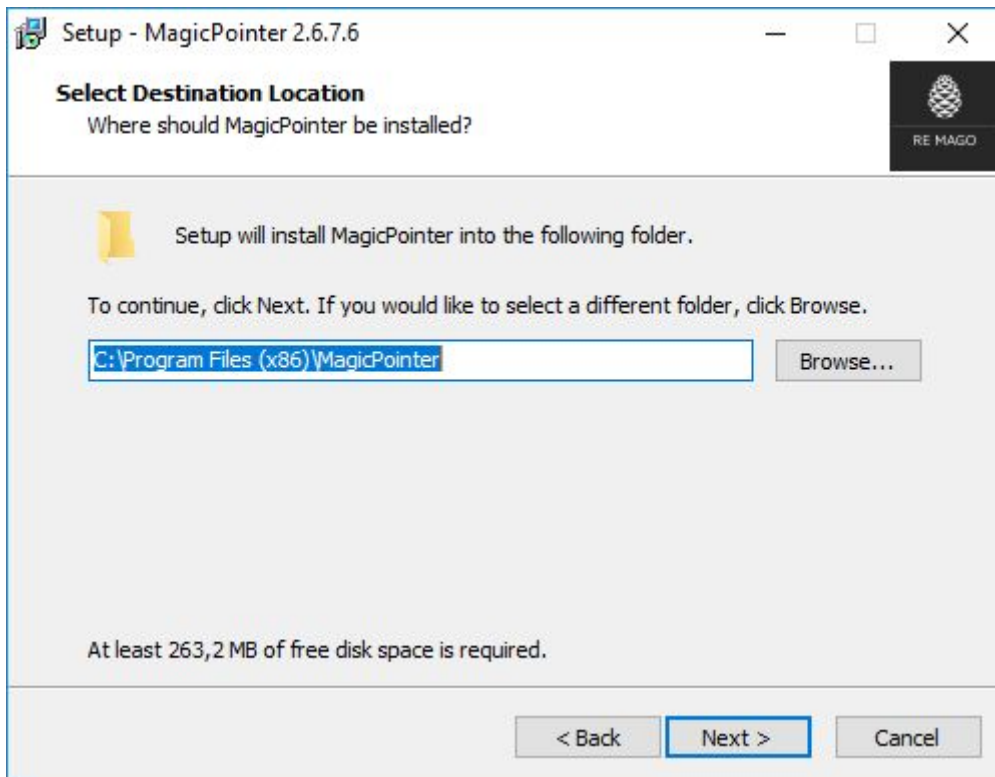
1. Check there are no **MagicPointer** and **MagicPointerServer** instance running (eventually kill them).
2. If present, delete C:\Program Files (x86)\MagicPointer folder (or your custom installation path).
3. If present, delete C:\ProgramData\MagicPointer folder.

Restart Hub machine.

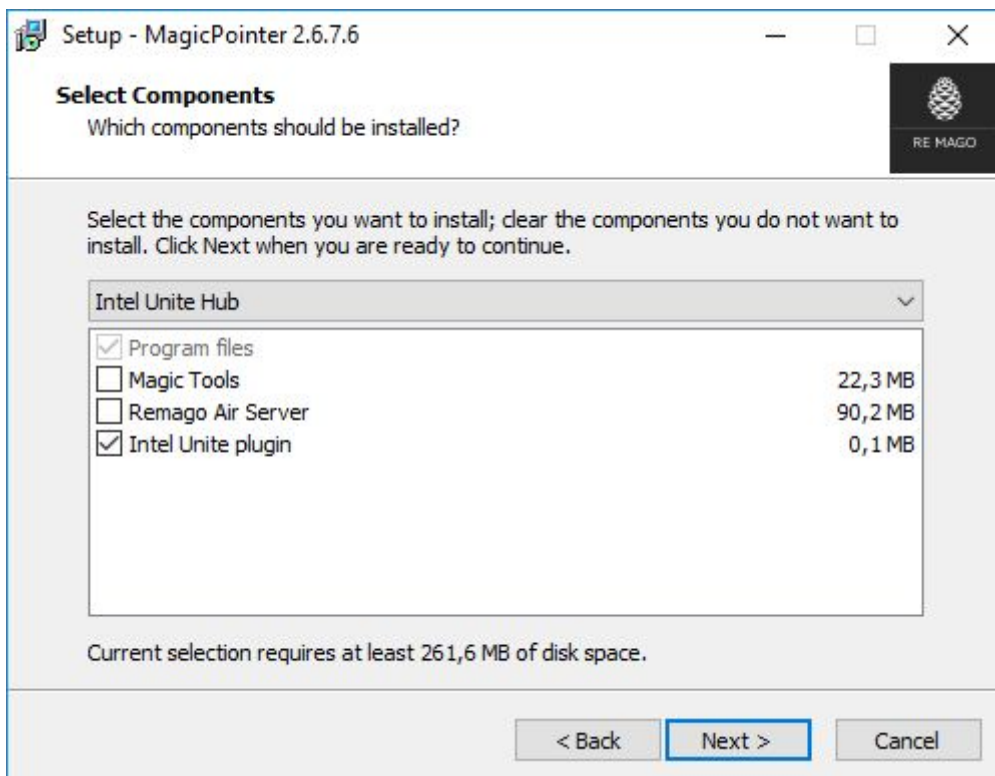
Launch the Magic Pointer setup and accept the **End User License Agreement**:



Select an installation path. You should use the default folder:

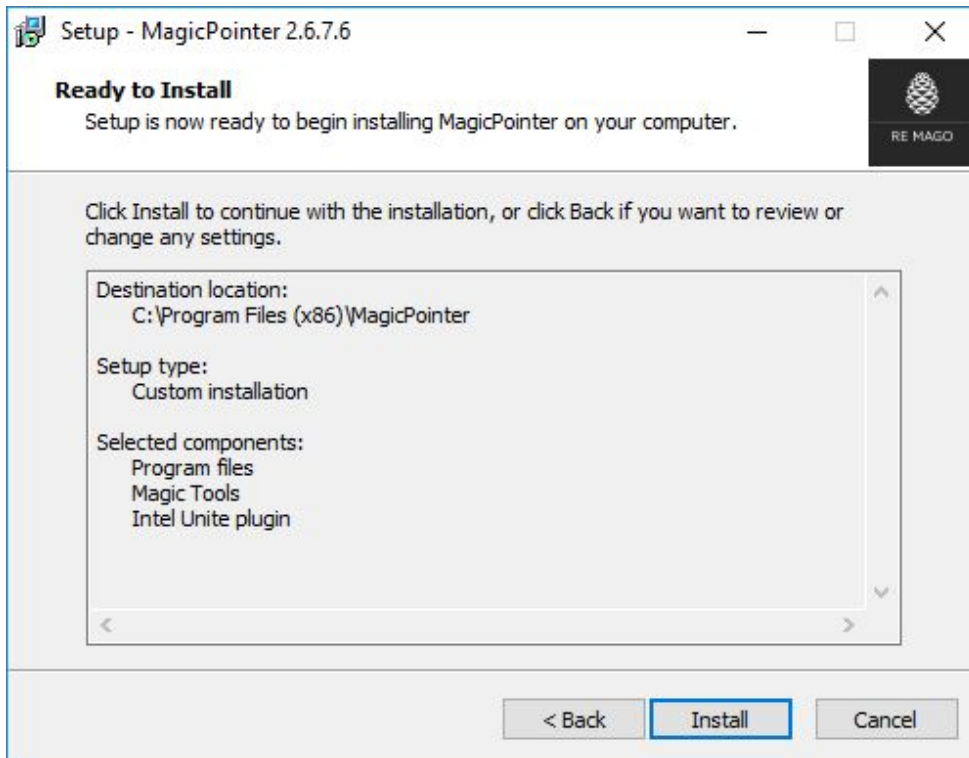


Select **Intel Unite Hub** from available installations.

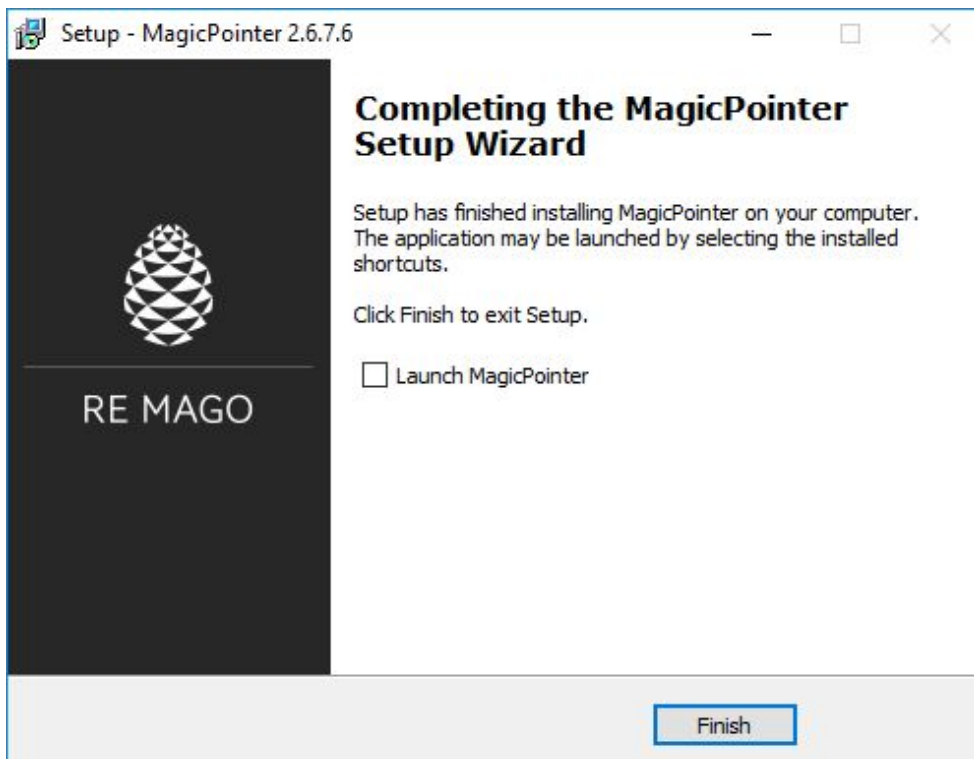


You may also want to include **Magic Tools** and others options to enable a rich user experience.

Check your settings and start the installation by pressing the **Install** button:

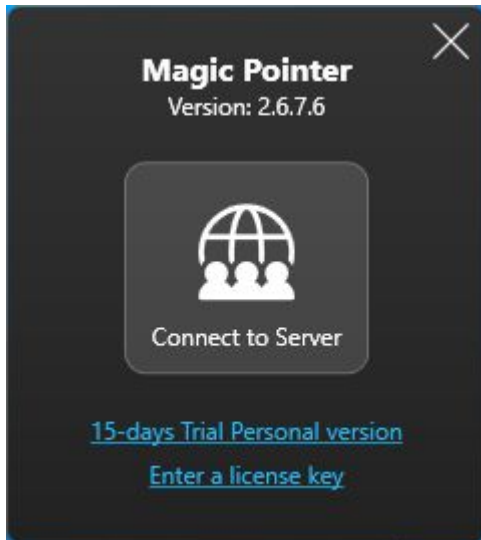


Do not select the "Launch MagicPointer" checkbox.

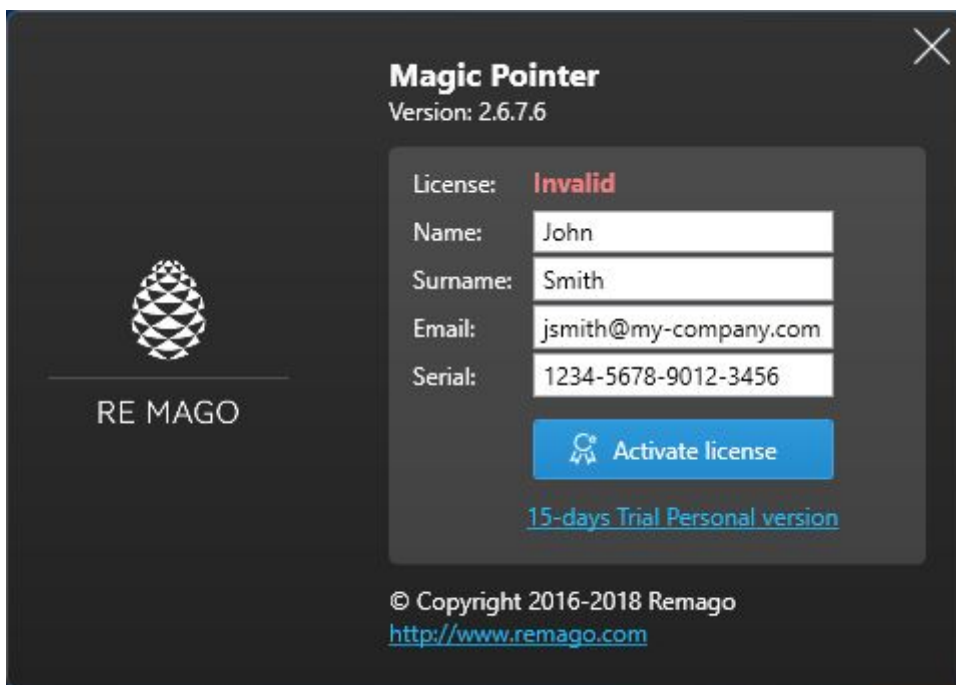


2.1. Enter a bought license

If you got a Magic Pointer license code, you have to launch the MagicPointer app from the Windows Start button. You'll see something like this:



Click on the **Enter a license key** link and insert your license and personal registration information:



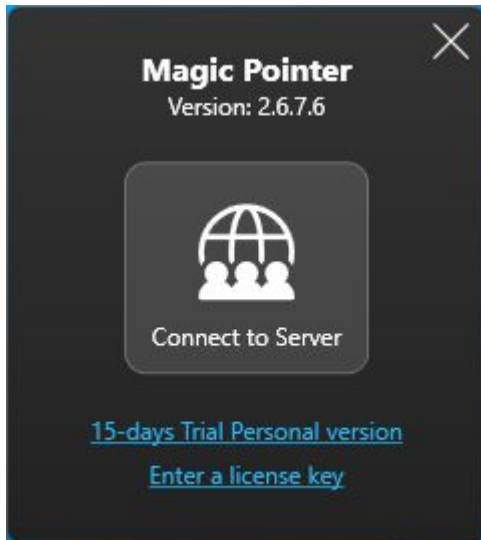
Then click on **Activate license** button.



2.2. Start a Trial period

If you would try a full Magic Pointer experience, you can activate a free 45-days trial license.

Launch the MagicPointer app from the Windows Start button. You'll see something like this:



Simply click on the **45-days Trial Personal version** link.



2.3. Enable Magic Pointer remote connections

Magic Pointer clients are capable to connect to the Magic Pointer running on the Hub and sync with its contents in real-time. To enable this feature, you have to preventively execute on the Hub computer a few commands.

Open a command prompt as Administrator and execute the following two commands:

```
netsh http delete urlacl url=http://*:8033/
```

Note that the above command may throw an error when executed for the first time, meaning that there are no definitions to delete. If the error occurs, simply ignore it.

In any case, type the next command:

```
netsh http add urlacl url=http://*:8033/ user=Everyone
```

or, if you prefer, by using a specific user name:

```
netsh http add urlacl url=http://*:8033/ user=DOMAIN-NAME\User
```

In the last case, replace the placeholder `DOMAIN-NAME` with the domain on which the Hub computer is connected (or with computer name if the computer is not connected to a domain) and replace the placeholder `User` with the username with which the computer is started and that will execute the Magic Pointer.

This setting will persist even at machine reboot, until explicitly removed.



3. Final settings

A few manual operations to get all done.

3.1. Certificate Hash Value

You must ensure to obtain the plugin's Certificate Hash value and to add it on the Intel Unite Admin Web Portal, as described by official Intel documentation.

3.2. Firewall Settings

If the Hub computer is executing a local firewall - like Microsoft Windows Defender - you have to open the port 8033 for protocol TCP for inbound and outbound requests.

You should have it opened by the setup executable, but if you have some connection issue you could verify your local configuration.



4. Using the Plugin

When all the previous configurations is completed, you can start the Unite app on the Hub computer and connect a Unite client by entering the Hub PIN, as described by Intel Unite official documentation.

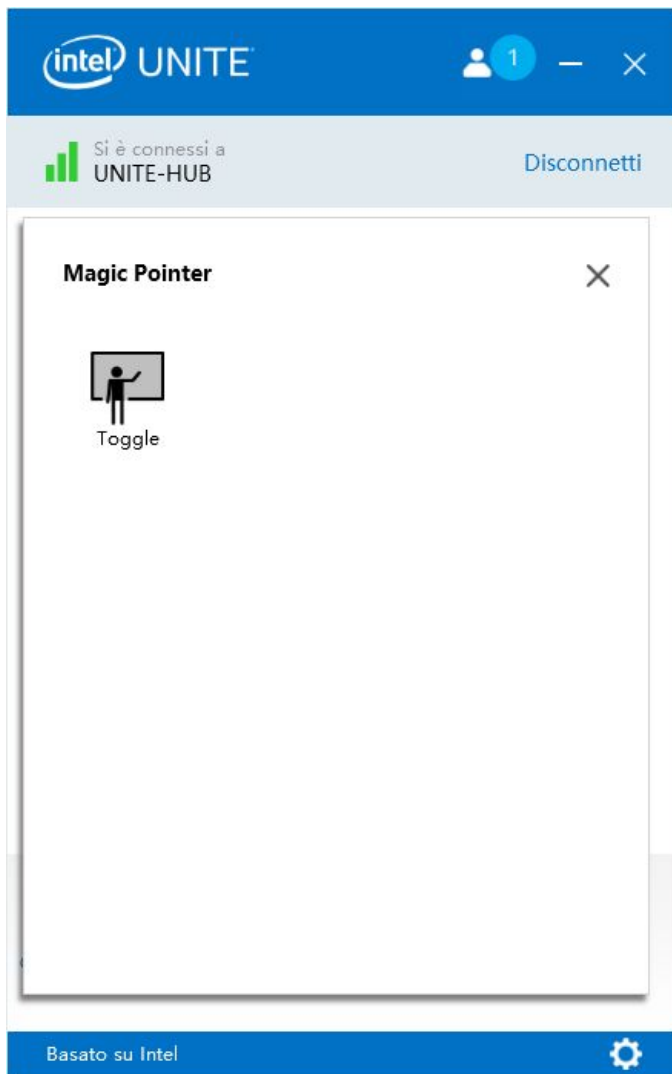
You should see a window like this:





Note the Re Mago Magic Pointer icon which appears into the plugin foot bar.



Clicking on Re Mago Magic Pointer icon, the App will show the plugin toolbar as follows:



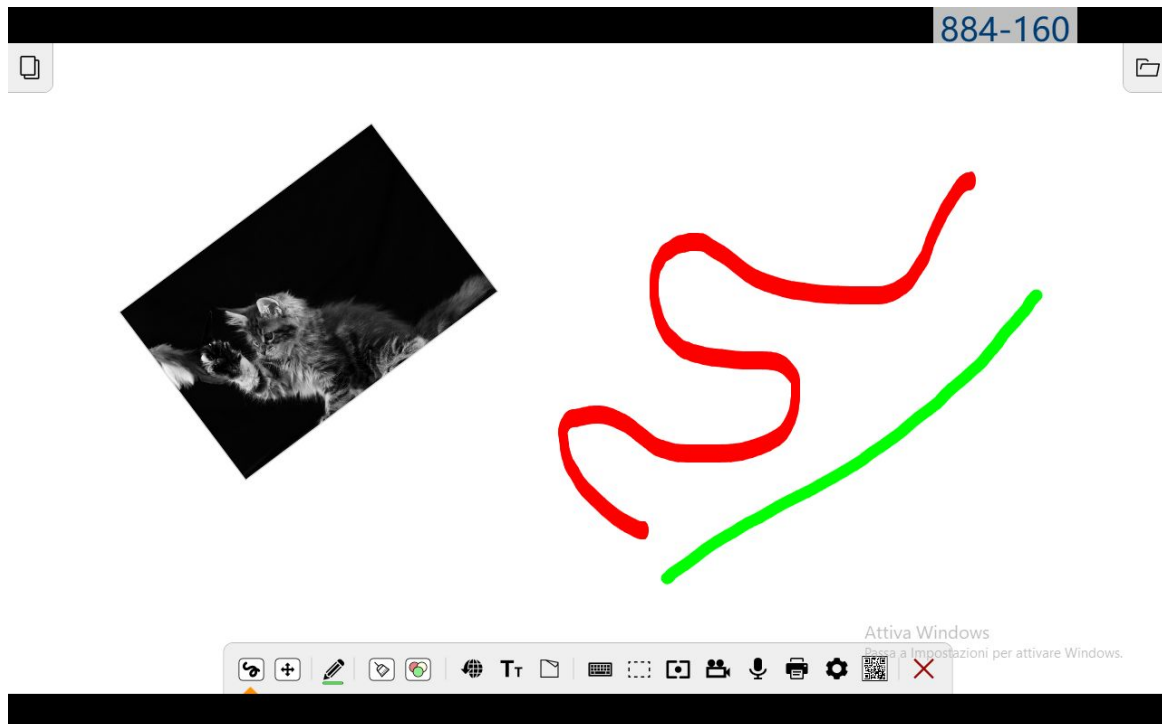
4.1. Plugin toolbar


 Toggle	<p>Magic Pointer is off</p> <p>This could mean that Magic Pointer is either not running or simply invisible, ie is running below the Unite window. By clicking this button, Unite will show Magic Pointer, launching it again if needed.</p>
 Toggle	<p>Magic Pointer is on</p> <p>Activate Magic Pointer whiteboard on the Hub, while Unite main panel will be hidden.</p> <p>Depending on your license (free or a flavour of paid one) you'll see the Whiteboard workspace or the Magic Pointer launcher.</p>

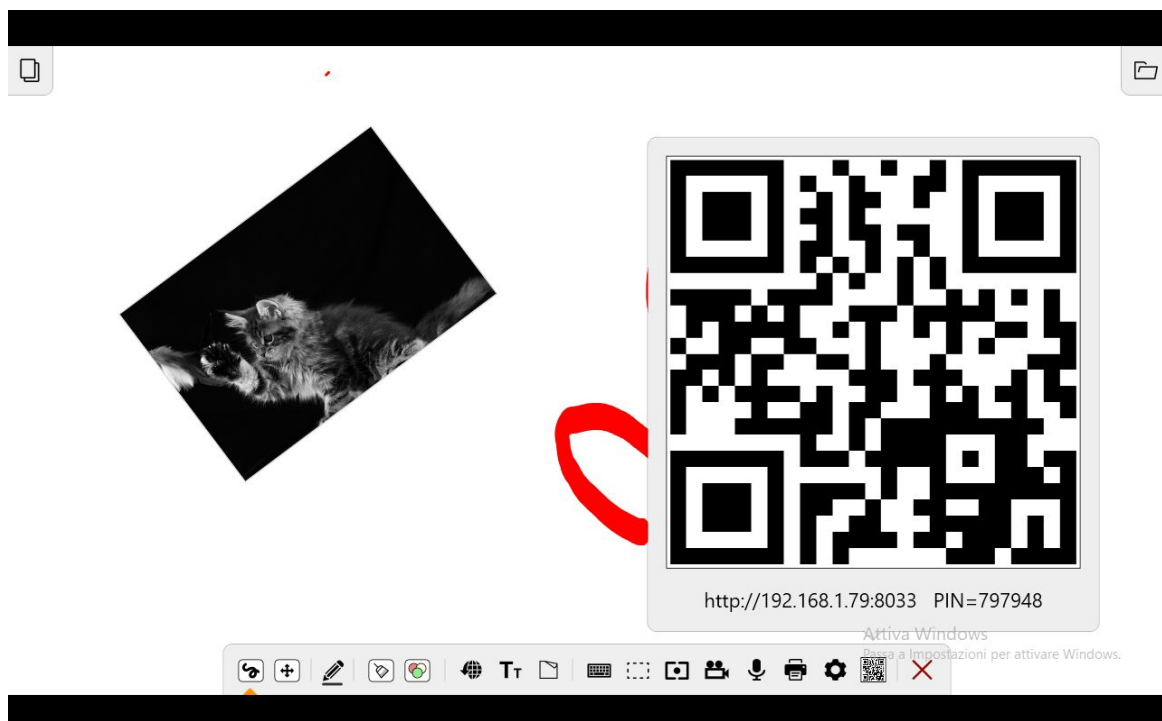


4.2. Connect local Magic Pointer clients

Once Magic Pointer is active, you can interact with the whiteboard:



Now you may wish to connect other Magic Pointer clients to sync the whiteboard contents in real-time with all the devices. To do so, press the  button and a QR Code will appear:



You can scan the QR Code with the Magic Pointer client to get your device connected and bidirectionally synced with the current session. Otherwise you can manually enter the related info.

You are now able to follow the presentation on your device and to contribute to current presentation in real-time.

