

# **SpatialAnalyzer - 2025.1 - Users Manual**

<b>HLM License Manager</b>	.....	<b>3</b>
HLM Network License	.....	8

# Hexagon MI Unified Licensing

## Hexagon License Manager Software

The Hexagon License Manager (**HLM**) Software is a reliable and secure licensing technology that does not require a Software Protection Key (HASP portlock dongle). This solution requires installing the HLM software on your machine. The current version can be found here:

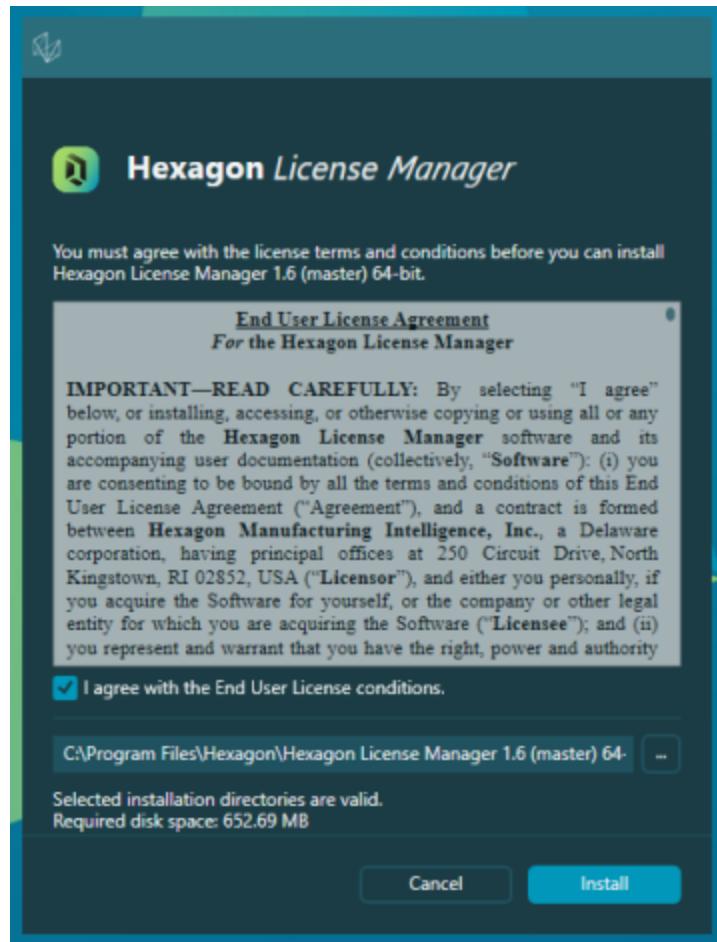
### Official Download Site:

[Hexagon License Manager](#)

Backup download option on SpatialAnalyzer's ftp site:

[HLM Software Download Site](#)

Download the \*exe file and install the HLM software:





When the HLM software opens it presents a simple easy to use application. Licenses can be managed in either of two forms:

## **Standalone licensing**

Standalone licenses work much the same as SA's traditional cloud licenses. They are designed as a single user license that must be registered using an online activation process and then is available for use locally. The only difference is that the HLM software does the registration process and then allocates the license to SA.

## **Network Licensing**

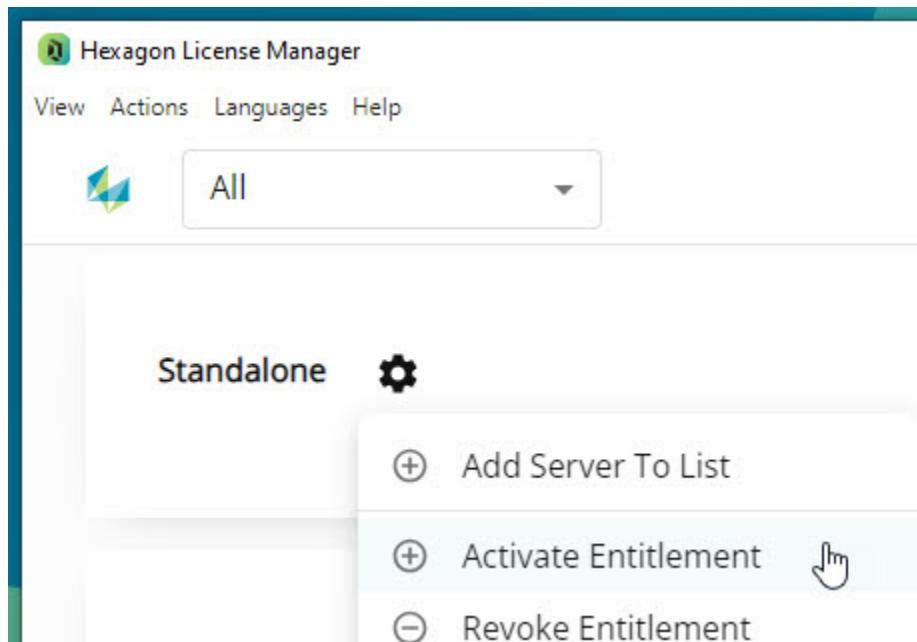
The HLM Software also provides an easy-to-use network license solution. In this configuration, a single machine is the License Administrator application for additional machines. For more

information on Network setup, [click here](#).

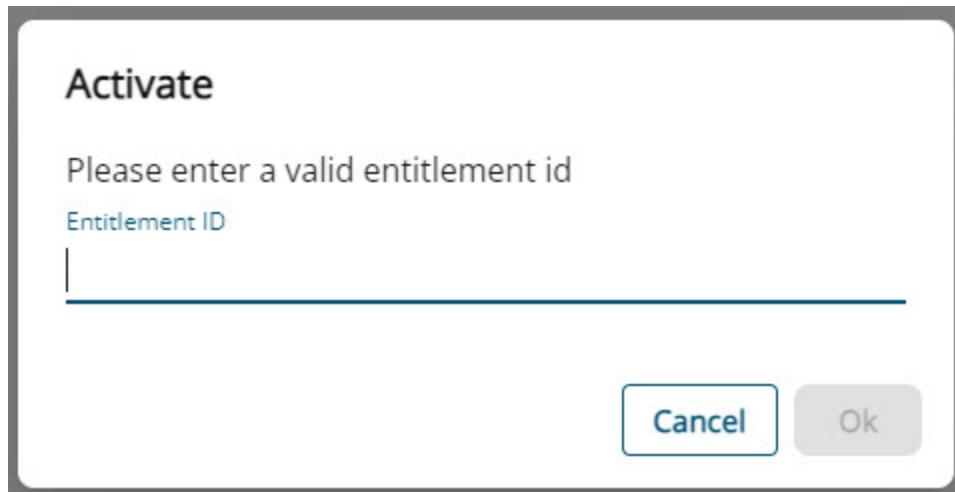
## Standalone License Activation

If you already using a Standard (Nalpeiron) license key, you first need to deactivate it by clicking on Management within the Help tab in the Ribbon bar, and then click on the **De-Activation License** button.

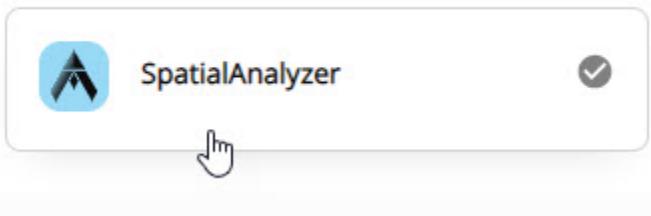
To activate a license, open the Hexagon License Manager application, press the gear icon, and select **Activate Entitlement**.



**Note.** This registration process does require an internet connection.



But once complete, the license will be listed:



Click on the license to see details about it.

## Manual (offline) Activation

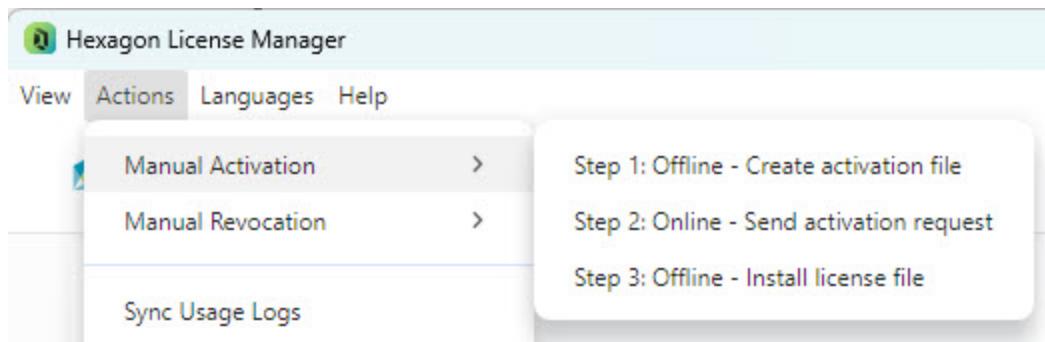
Manual activation allows a user in an offline environment to activate an entitlement. This process involves moving files to and from a computer with internet connection and the offline computer. This “handshaking” ensures that the process was completed successfully.

There are 3 steps involved in Manual Activation:

1. **Offline Computer** - Create an activation file and transfer that file to an online computer.
2. **Online Computer** - Send an activation request. Copy the returned file from the Online Computer to transfer to the Offline Computer.
3. **Offline Computer** - Install license file.

At this point, the license should be installed and ready for use in HLM on the Offline machine.

Manual activation is accomplished through the Actions tab:



## HLM Network License

Download the latest HULL Network Server installer. The naming convention for the file set is HNS\_Release\_x.x.exe where x.x is the release version. At the time of writing this document the latest release is HNS\_Release\_1.6.exe.

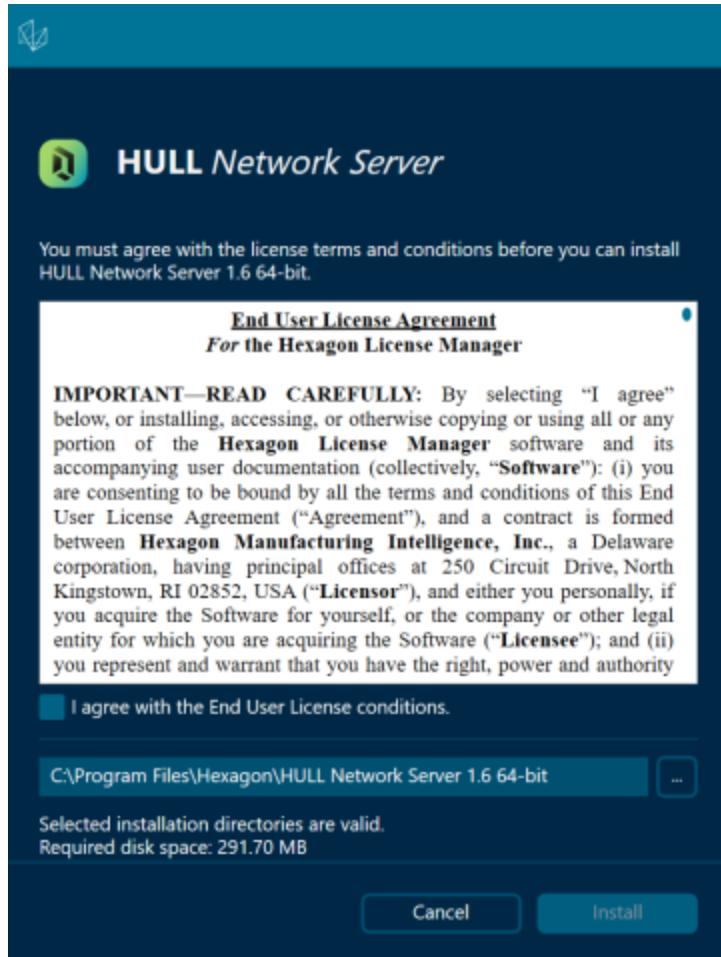
### Official Download Site:

[Hexagon License Manager](#)

Backup download option on SpatialAnalyzer's ftp site:

[HLM Software Download Site](#)

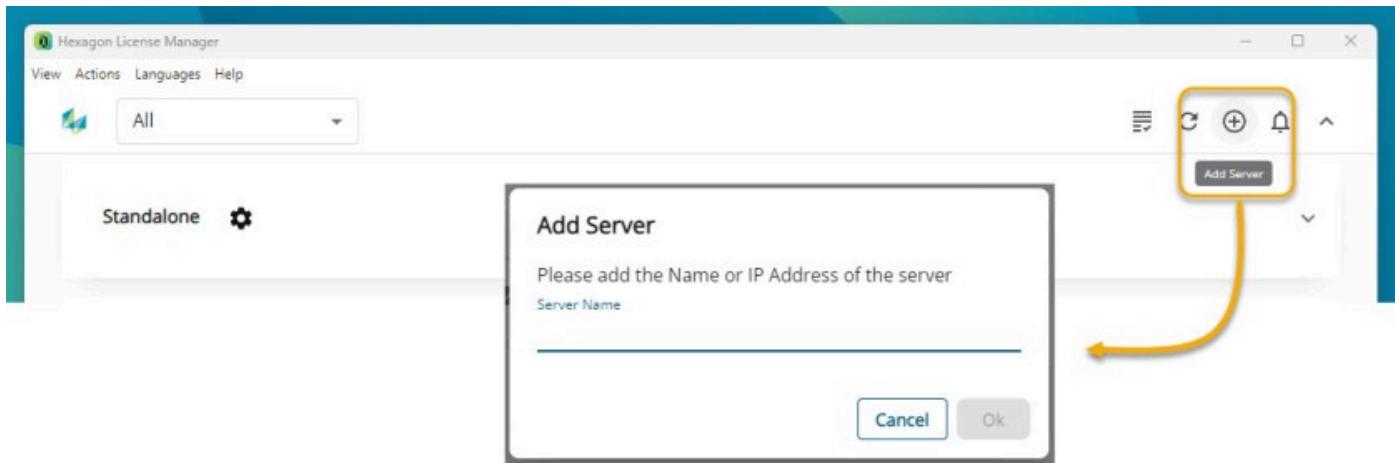
Run HNS\_Release\_x.x.exe and follow the on-screen instructions to complete the installation.



The current installer can be found here: [HNS Installer](#)

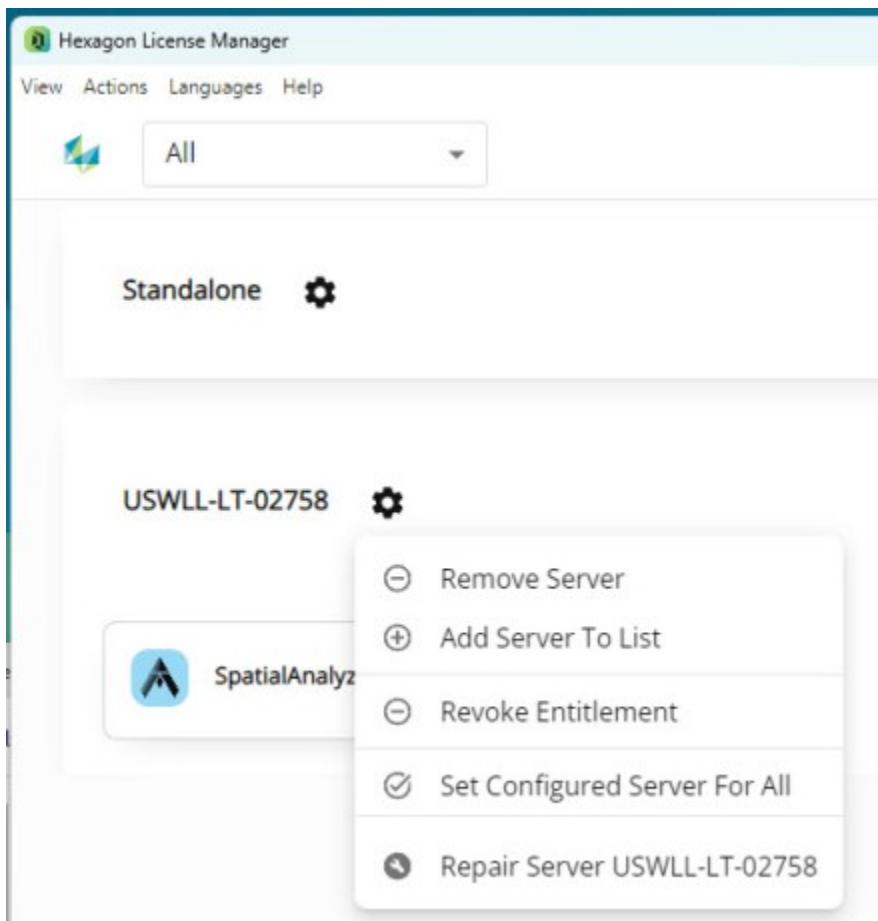
## Adding Network Licenses to Your Server

Once Installation is complete you can define a server in the HLM Software using the Add button, and you can pick a name for the server. This will be the local computer name by default.



Once defined, the network appears beneath the Standalone option.

A network entitlement is activated using the gear icon next to the network server on the server machine. The activation process uses the same procedure as is used for activating a Standalone license:

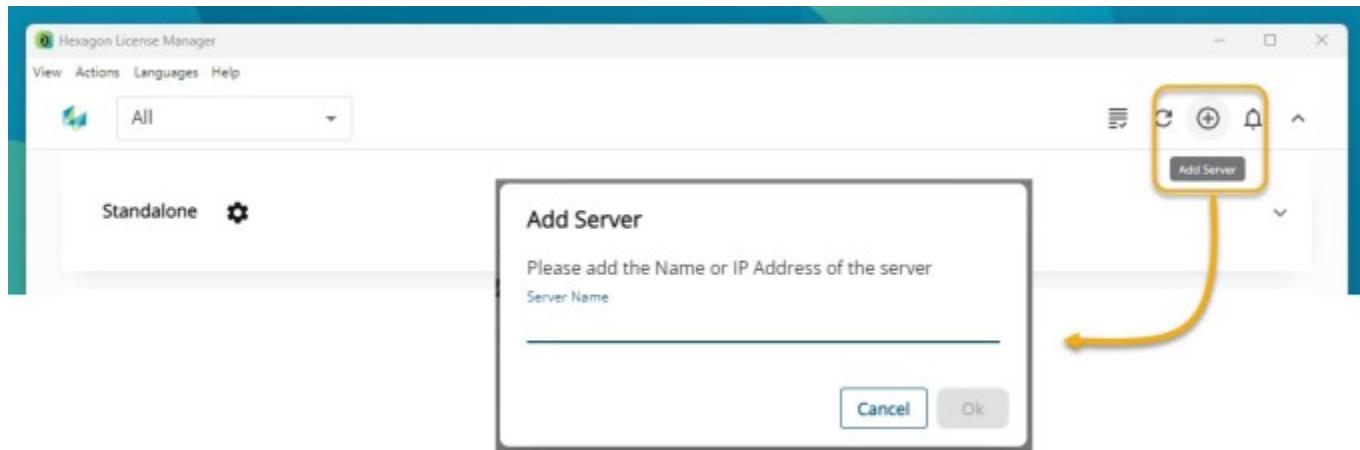


Once activated you can click on the license to view additional license details.

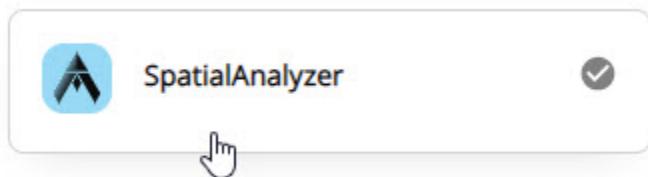
## Adding Client Access

With the RMS License Manager installed and running on your network server it can be directly accessed by client machines. Each client machine needs to be configured as follows:

- Install the Hexagon License Manager Software
- Within HLM Add the server by name:

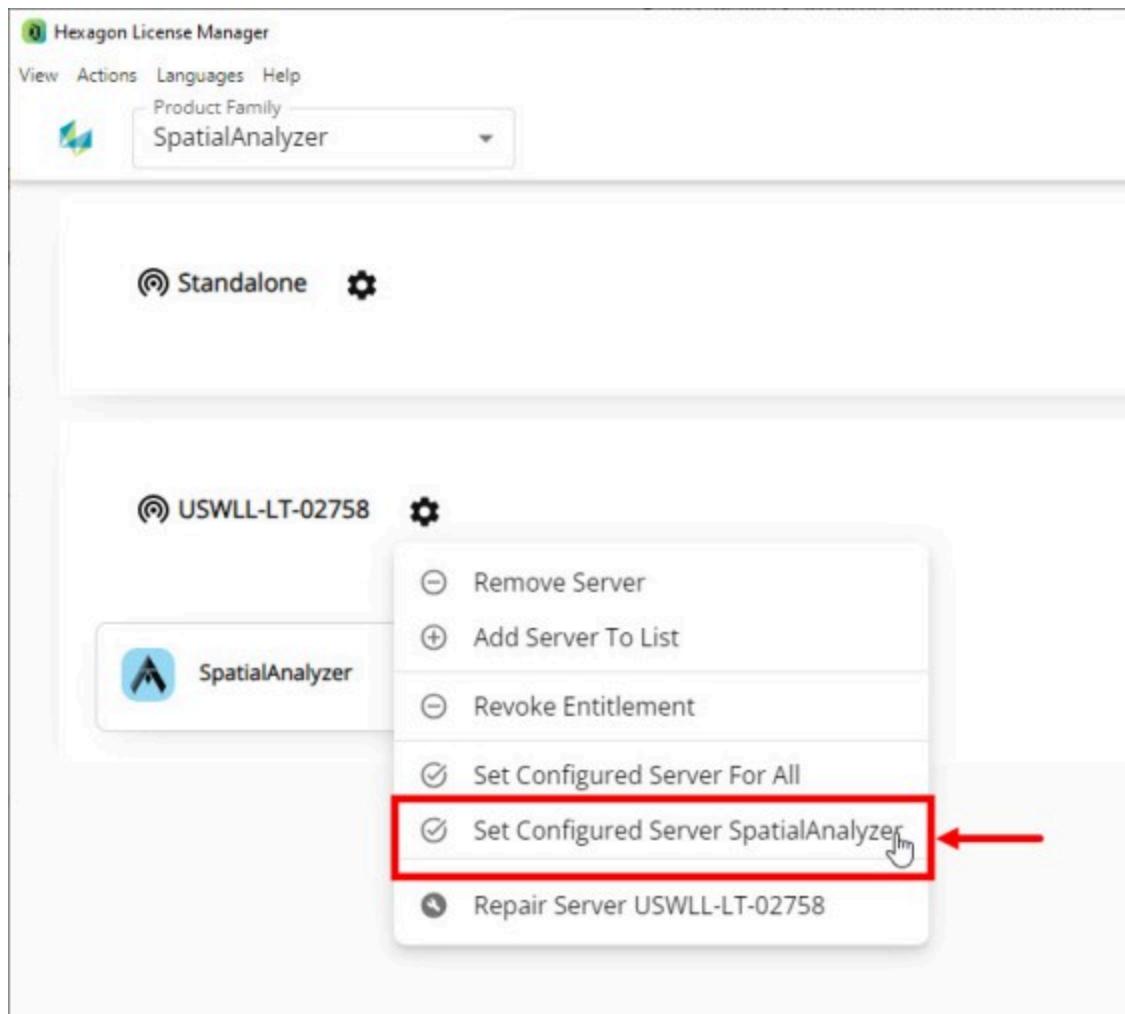


The server will be detected as long as there is local network access and any licenses supported through the server will become available:



Operators of SpatialAnalyzer will not need to do anything further. Opening the Application will allocate a license to that machine and closing the application will release the license.

Note that when switching back and forth between Stand alone and network licenses you may not see the check mark on the software entitlement shown above. In that scenario the server configuration many need to be updated. To do so, click on the gear icon next to the server name and select **Set Configured Server SpatialAnalyzer**.



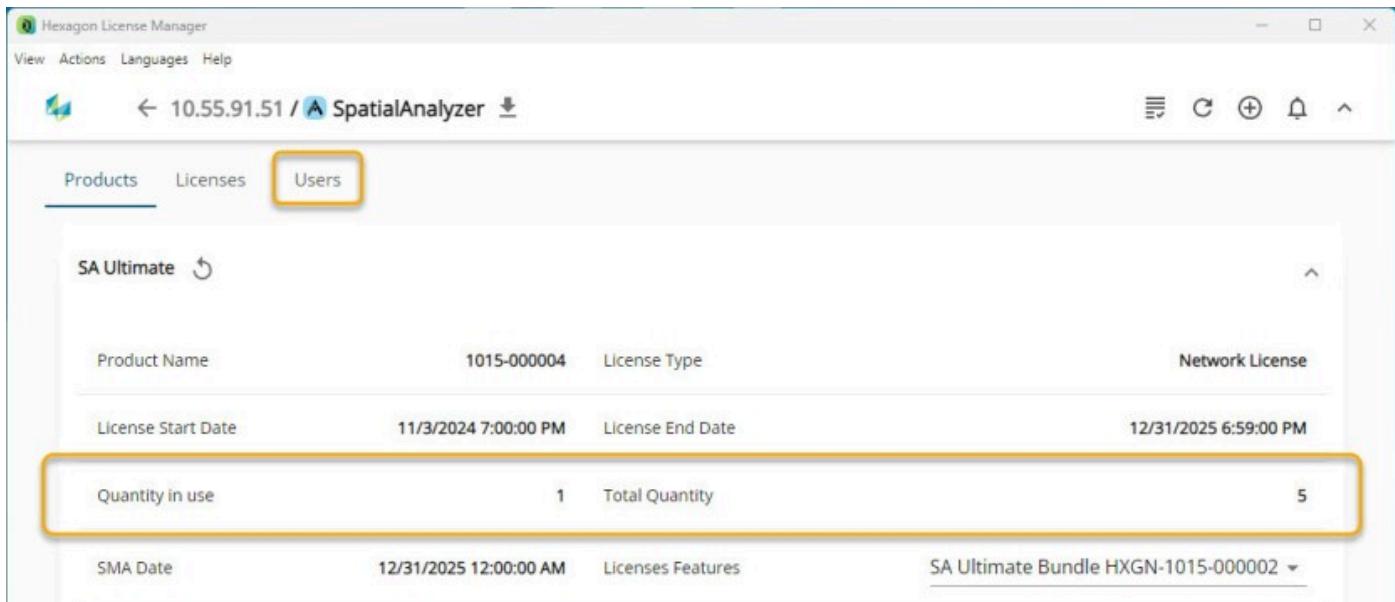
Information on the network configuration is saved in *AppData\Local\Hexagon\Hull*.

## Reviewing License Users

At any time the current number of licenses in use for a particular Entitlement can be viewed by clicking on the product license:

- **Quantity in Use.** Reports the number of licenses currently being used.
- **Total Quantity.** Reports the total number of licenses available as part of the Entitlement.

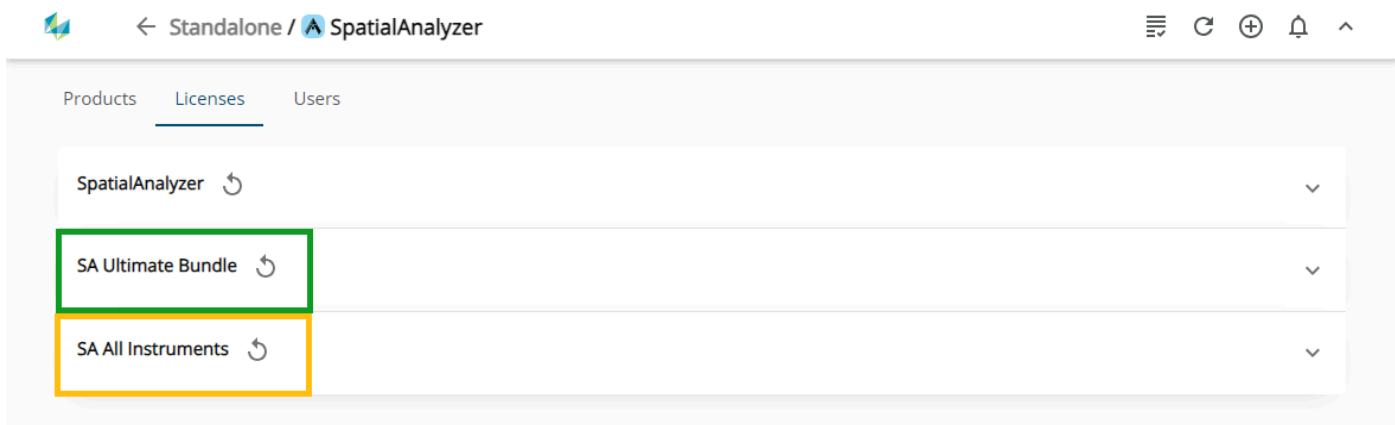
In version 1.6 there is now a **Users** tab that can be used to view the current users.



Product Name	1015-000004	License Type	Network License
License Start Date	11/3/2024 7:00:00 PM	License End Date	12/31/2025 6:59:00 PM
Quantity in use	1	Total Quantity	5
SMA Date	12/31/2025 12:00:00 AM	Licenses Features	SA Ultimate Bundle HXGN-1015-000002

The Users table will show a row for every SA instance open on the user's PC multiplied by the number of Features (called Licenses in HLM) available in the License (called Product in HLM) in use.

E.g., the SA Ultimate "Product" used in this example is made of 2 "Licenses": SA Ultimate Bundle (code HXGN-1015-000002) and SA All Instruments (code HXGN-1015-000005). They represent the software capabilities enabled within SA Ultimate.



Product	Licenses	Users
SpatialAnalyzer	SA Ultimate Bundle	
	SA All Instruments	

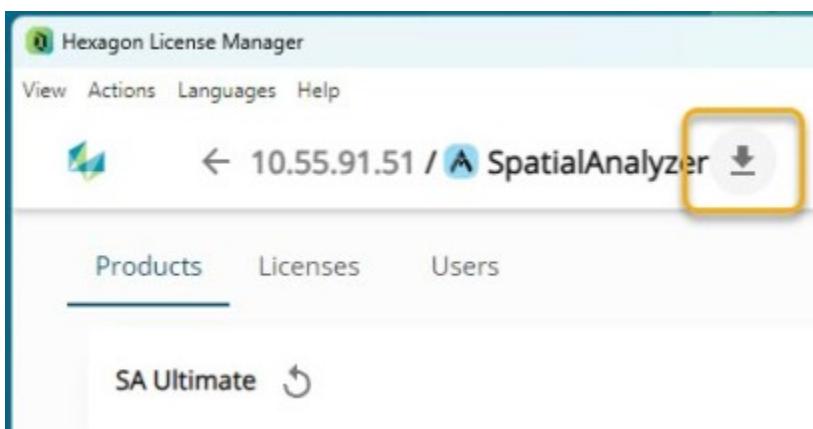
Therefore, in the example below, there are 2 users (so the **Quantity in Use** will be 2) using 2 seats of an SA Ultimate Network license so the total amount of entries in the table will be calculated as follows:

Number of opened SA instances by User x Number of Features belonging to the License = 3 x 2 (for User 1) + 1 x 2 (for User 2) = 6 + 2 = 8.

Users	Feature Name	Server Name	In Use
User 1	HXGN-1015-000002		1
User 2	HXGN-1015-000002		1
User 1	HXGN-1015-000002		1
User 1	HXGN-1015-000002		1
User 1	HXGN-1015-000005		1
User 2	HXGN-1015-000005		1
User 1	HXGN-1015-000005		1
User 1	HXGN-1015-000005		1

## Commute a License (working offline)

Commuting a license offers the ability to check out a network license such that a client machine can go off the local network for a predefined period. This process is initiated by first clicking on the product license and then the commute button:



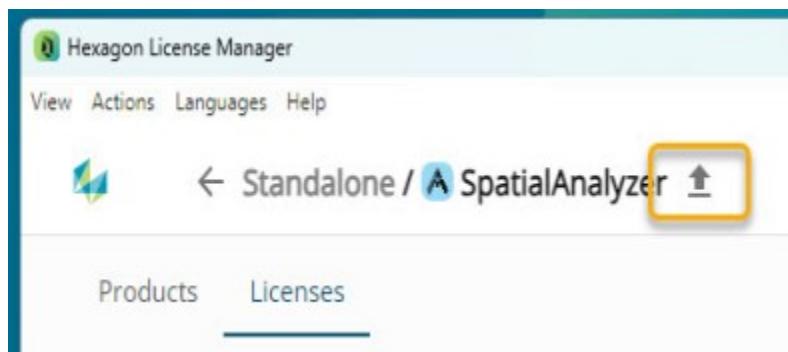
A duration in days can be specified and the Submit button used to commute a license.

Commute Product

Name	Available	Number to commute
SA Ultimate	5	1 <input type="button" value="▲"/>

Days to commute for  
1

Doing so will add a standalone license to the HLM software front page. Once back on the network this commuted license can be returned by clicking on the standalone commuted license and using the up arrow at the top of the screen:



Be sure all the boxes are checked before clicking on **Submit**.

