



# Licensing User Guide



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## Introduction

Thank you for choosing to use Hololight Space. This guide will walk you through the process of obtaining, using, and managing your Hololight Space license files. These files allow you to quickly and securely activate Hololight Space and use its full breadth of features with ease.

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# 1

## Getting your HoloLight Space license file





# 1. Getting your Hologlight Space license file

There are two ways to get a Hologlight Space license file. Depending on your organization's needs, you can use cloud-based licensing or generate your own licenses on a private machine acting as a licensing server. There are advantages specific to each setup, and in the planning process Hologlight will assist you in choosing a solution, and this guide will help you make that solution a reality.

## Cloud-based licensing

With Hologlight Space cloud-based licensing, you will receive your licensing file directly from Hologlight. You don't have to do anything more than that. Once you have your license file you can continue on to **activating Hologlight Space**.

## Private on-premises licensing server

Hologlight Space cloud licenses require an internet connection at some point in the activation process. Because of this, they are not appropriate in all circumstances. If your organization has security needs that demand use of Hologlight Space within a private network isolated from the internet, you will need to set up a private licensing server to create licenses to use with Hologlight Space.

# 1. Getting your Hologlight Space license file

## Installing your licensing server

- 1** When you've decided to use a private licensing server to activate Hologlight Space, the process will begin with Hologlight sending you a package or installer with the necessary files.
- 2** Transfer the file package or installer to a folder on the server machine you will use to generate your licenses. The destination folder should be appropriate for files you will store permanently on the server machine. We recommend using the "C:" drive.
- 3** Extract the files from the ZIP file or run the provided installer. A new folder will appear. Rename the new folder to "RLM" if it isn't named that already.
- 4** Open the start menu and type "Powershell" in the search bar. Then select the application in the results.
- 5** Using Windows Powershell, navigate to the "RLM" folder you set up earlier.

```
cd c:\rlm
```
- 6** Once in the "RLM" folder run:

```
.\rlmutil.exe rlmhostid uuid
```
- 7** Once the program finishes, Windows Powershell will display the machine's UUID. This will look like the example below. The long sequence of seemingly random letters and numbers is the UUID.

```
Hostid of this machine:  
uuid=57c8eba5-46a1-457f-87b7-  
16734692fe49
```
- 8** Send the UUID back to your Hologlight contact.



# 1. Getting your Hololight Space license file

## Running your licensing server

- 1 Hololight will do some configuration on their end. Then they will send you the following file:

```
ServerAdmin_FloatingSeats.lic
```

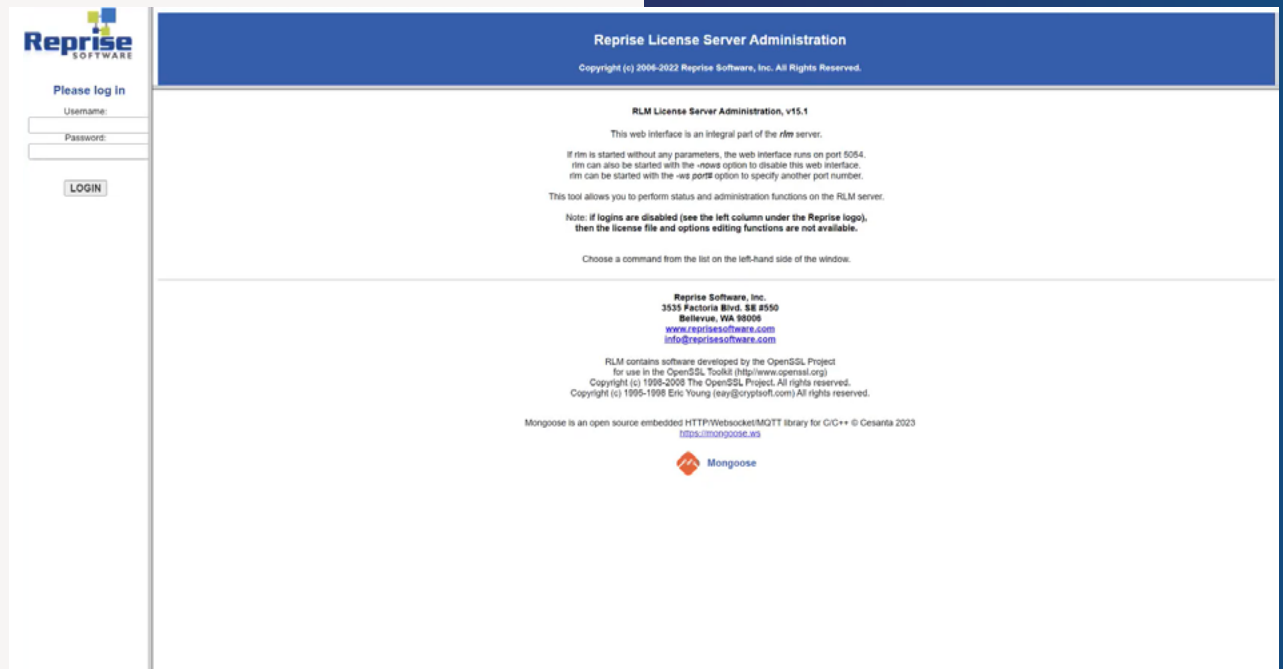
Download this file and place it in your "RLM" folder, the same folder set up earlier which contains "rlm.exe".

- 2 In the "RLM" folder, double click "rlm.exe". A window will appear. Select "More info" then select the button "Run anyway". A Command Prompt window will then appear, showing that the server is running. The server will only run for 10 minutes before you need to restart it again. Once you've changed the admin password for the server this will no longer be the case. We will do that soon though. Do not close the Command Prompt window.

- 3 Open a web browser. In the address bar type:

```
localhost:5054
```

If the server is running correctly, you should see the "Reprise License Server Administration" panel in your browser.



# 1. Getting your Hololight Space license file

4 On the left side menu sign in with the following temporary credentials.

Username	admin
Password	admin

5 Now we will change the password to both improve security and make sure that the server can run for more than 10 minutes at a time. Having signed in with the temporary credentials, select the **"Change Password"** button on the left side menu.

6 On the page that appears, enter your new password into the two fields and select **"CHANGE PASSWORD"**. Be sure to remember this password for future use.

**With that done, once you start the server it will continue to run until you decide to stop it or power off the machine.**

Reprise License Server Administration  
Copyright (c) 2006-2022 Reprise Software, Inc. All Rights Reserved.

Logged in as: admin

RLM Administration Commands

Choose a command from the list below

Status

Shutdown

Reread/Restart Servers

Switch Reporting

New Reporting

Switch Debuglog

Edit License Files

Activate License

Diagnostics

RLM Manual...

System Info

About...

Change Password

Logout

5

Reprise License Server Administration, v15.1

This web interface is an integral part of the *rlm* server.

If *rlm* is started without any parameters, the web interface runs on port 5054. *rlm* can also be started with the `-noweb` option to disable this web interface. *rlm* can be started with the `-web port#` option to specify another port number.

This tool allows you to perform status and administration functions on the RLM server.

Note: If logins are disabled (see the left column under the Reprise logo), then the license file and options editing functions are not available.

Choose a command from the list on the left-hand side of the window.

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RLM contains software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org>)  
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Copyright (c) 1995-1998 Eric Young ([eyaj@cryptosoft.com](mailto:eyaj@cryptosoft.com)) All rights reserved.

Mongoose is an open source embedded HTTP/Websocket/MQTT library for C/C++ © Cesarla 2023  
<https://mongoose.ws>

Mongoose

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Logged in as: admin

RLM Administration Commands

Choose a command from the list below

Status

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Activate License

Diagnostics

RLM Manual...

System Info

About...

Change Password

Logout

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Changing password for admin

New Password:

Repeat:

CHANGE PASSWORD

# 1. Getting your Hololight Space license file

## Installing the service

You are able to run your private licensing server, but every time you shut down and restart the machine you will need to start the server again this same way. By installing a service the server will run automatically when Windows starts.

**1** Open the start menu, type "cmd" in the search bar, right-click "Command Prompt", and then select "Run as administrator."

**2** Use the cd command to navigate to your "RLM" folder.

```
cd c:\rlm
```

**3** Now you can install the service. Take care that the path for the log matches your "RLM" folder.

```
rlm -install_service -dlog +C:\RLM\server.log
```

**4** If you are successful, you will just see a new blank line. Now you can start the service.

```
sc start rlm
```

Details about the service will appear, along with a "START\_PENDING" status as the "STATE". You should see "RLM" in your Windows Services.

**Now the licensing server will start automatically every time your start the server machine.**

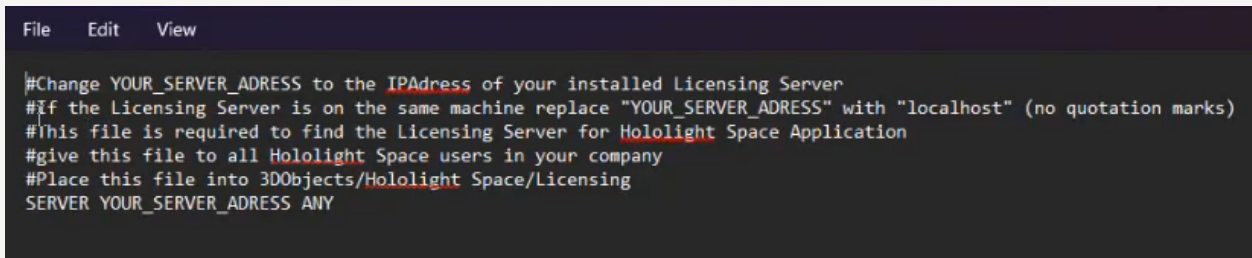


# 1. Getting your Hologlight Space license file

## Creating Hologlight Space license files

Your licensing server is running, but to activate Hologlight Space you need to create a license file. You can copy and share this license file with members of your organization that will use Hologlight Space on your server's network. For each seat purchased with your license, a single instance of Hologlight Space can run on your server machine's network, verified by the server you set up earlier.

- 1 Hologlight will send you a file named "HoloLightSpace\_To\_OnPremiseSever\_Template.lic". This is a template for creating a license file. Open this template using a text editing application like "Notepad.exe".



```
File Edit View
#Change YOUR_SERVER_ADDRESS to the IPAdress of your installed Licensing Server
#If the Licensing Server is on the same machine replace "YOUR_SERVER_ADDRESS" with "localhost" (no quotation marks)
#This file is required to find the Licensing Server for Hologlight Space Application
#give this file to all Hologlight Space users in your company
#Place this file into 3DObjects/Hologlight Space/Licensing
SERVER YOUR_SERVER_ADDRESS ANY
```

- 2 Open the start menu, type "cmd" in the search bar, and select "Command Prompt". Type and run the following command:

```
ipconfig
```

Command prompt will output a series of data. The IP address is the number next to "IPv4 Address".

- 3 Back in Notepad, in the last line of the template file, replace the text "YOUR\_SERVER\_ADDRESS" with the IP Address from Command Prompt. The last line should look like this:

```
SERVER 192.168.123.132 ANY
```

If you need to restrict the ports, replace "ANY" with the port number you want to use.

You now have a Hologlight Space license file. You can rename it, but remember to keep the ".lic" extension. Copy this file and share it with anyone who will use Hologlight Space on your private network.



## 2

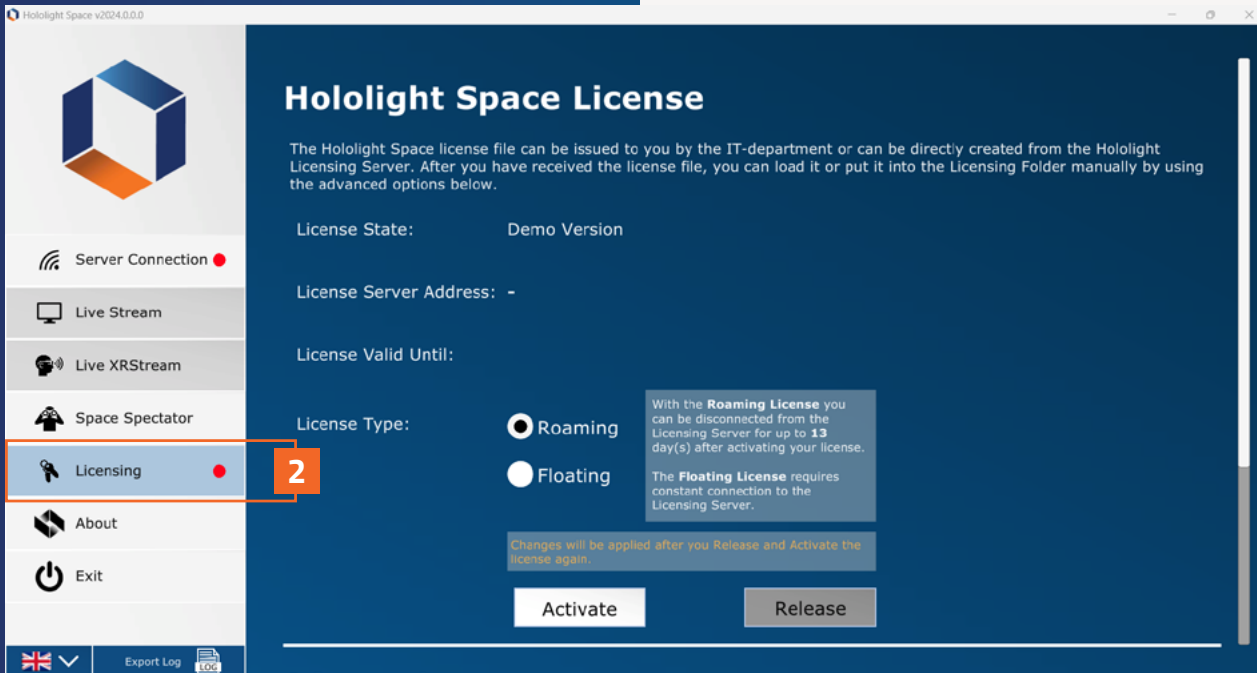
**Activate HoloLight Space  
with your HoloLight  
license file**



## 2. Activate Hololight Space with your Hololight license file

In order to use the full version of Hololight Space you need to install, configure, and activate the license. You can then deactivate your license by releasing it.

If you received a license file from Hololight make sure your PC is connected to the internet. If you generated your own license file, make sure that your PC is connected to the same network as your private licensing server.



### Installing the Hololight Space license file

- 1 Open Hololight Space.
- 2 On the menu on the left, select "Licensing".

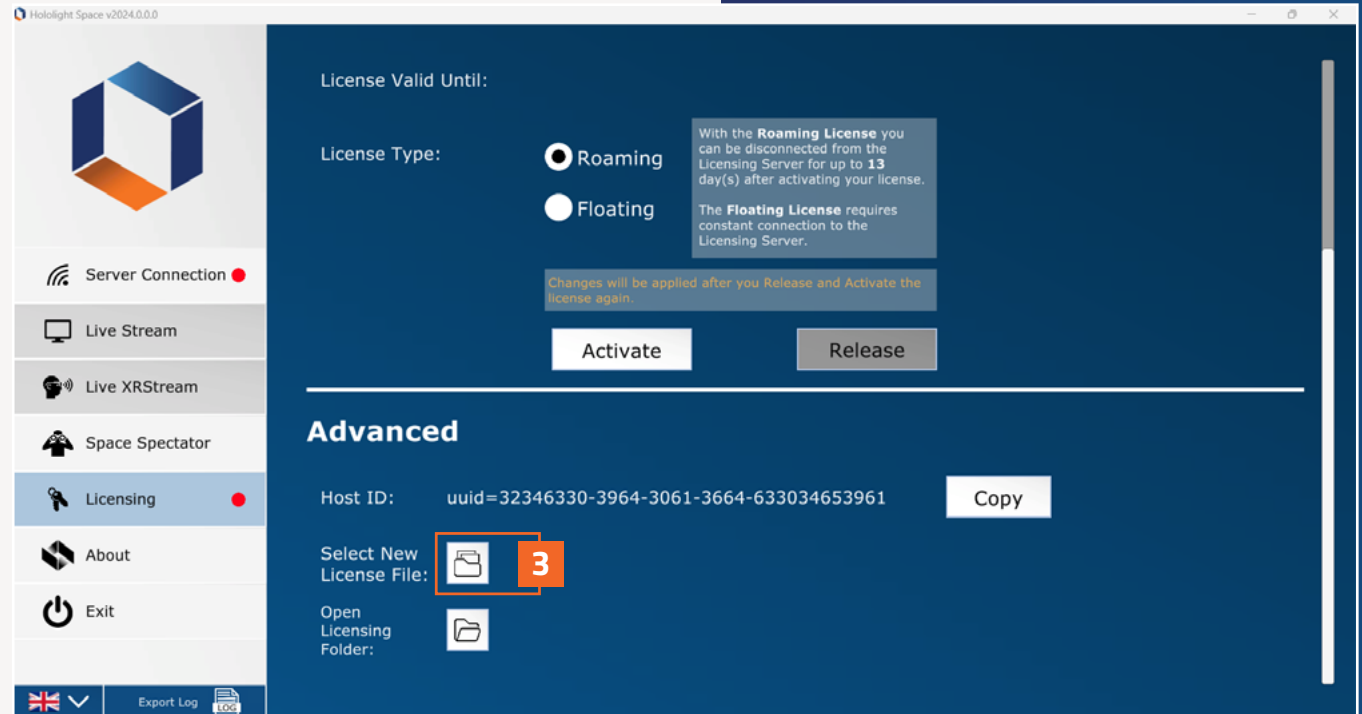
## 2. Activate Hololight Space with your Hololight license file

**3** On the “Hololight Space License” panel, scroll down to “Select New License File” and select the browse button.

**4** Browse to the folder where you saved your license file. Select it and open it. Hololight Space will then automatically move the file to the correct location.

You can alternatively place the file in the correct folder yourself, located here:

```
C:\Users\user1\3d objects\Hololight Space\
Licensing
```



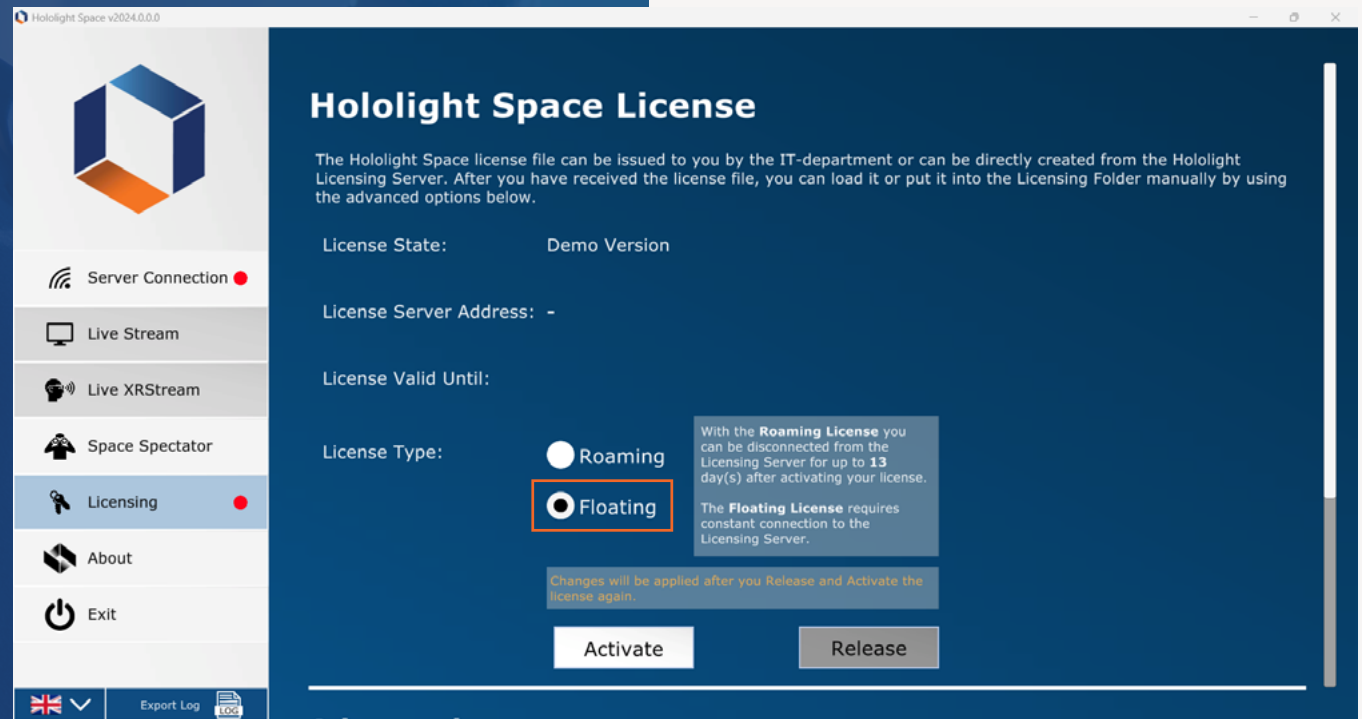
## 2. Activate Hologlight Space with your Hologlight license file

### Configuring the license

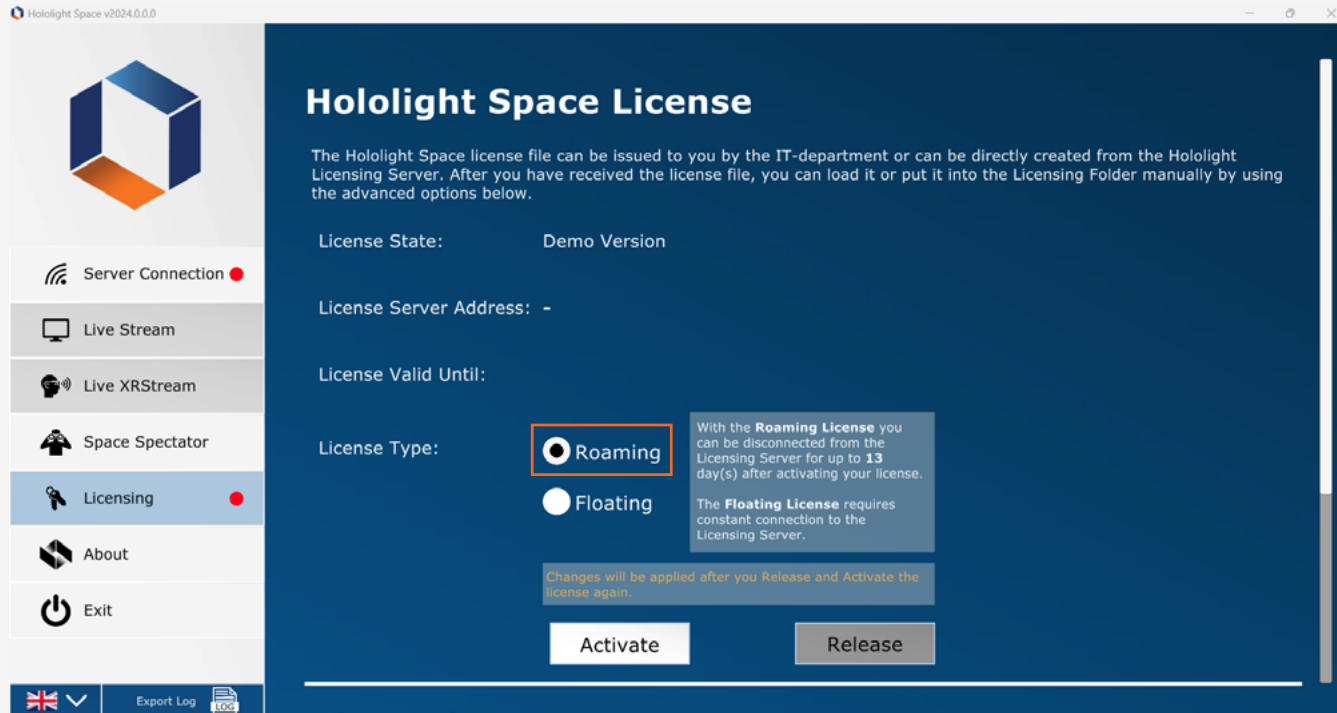
Before activating the license you need to select a license type on the "Hologlight Space License" panel under "License Type". Different license types have different advantages, allowing you to flexibly and easily control access to the license as best fits your needs.

### When to use a floating license

A floating license lets you use Hologlight Space for up to 13 days without needing to connect to the internet. After 13 days the machine running Hologlight Space needs to reactivate the license while connected to the internet. You can then use Hologlight Space with your license for another 13 days before having to repeat the activation.



## 2. Activate Hololight Space with your Hololight license file



### When to use a roaming license

A roaming license lets you use Hololight Space as long as your license is valid. However, your machine always needs to stay connected to the internet in order to use Hololight Space with this type of license.

**Once you've selected the best license type for your situation, you are ready to activate Hololight Space.**



## 2. Activate Hologlight Space with your Hologlight license file

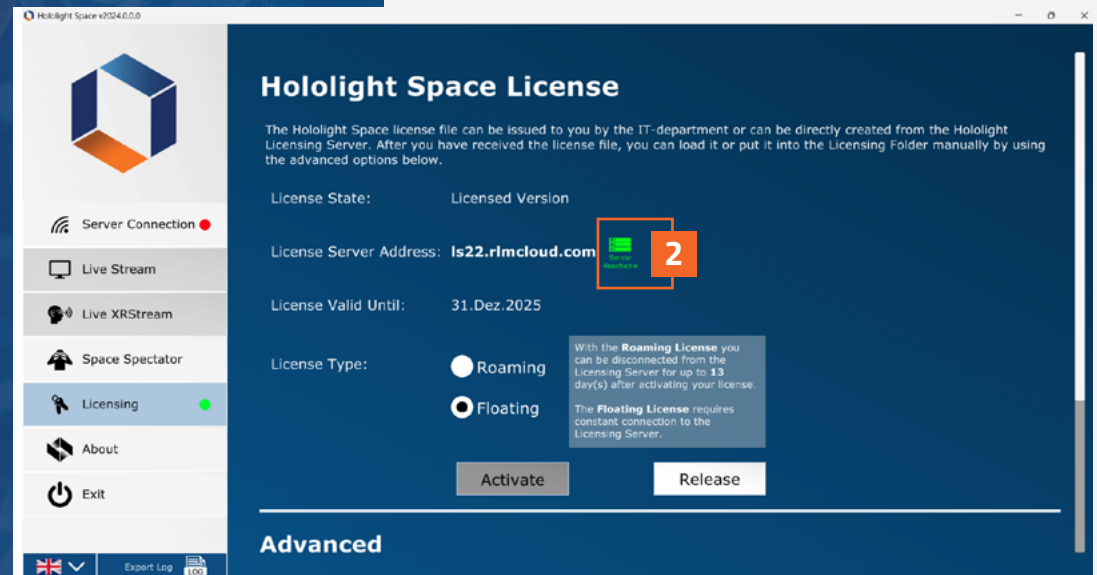
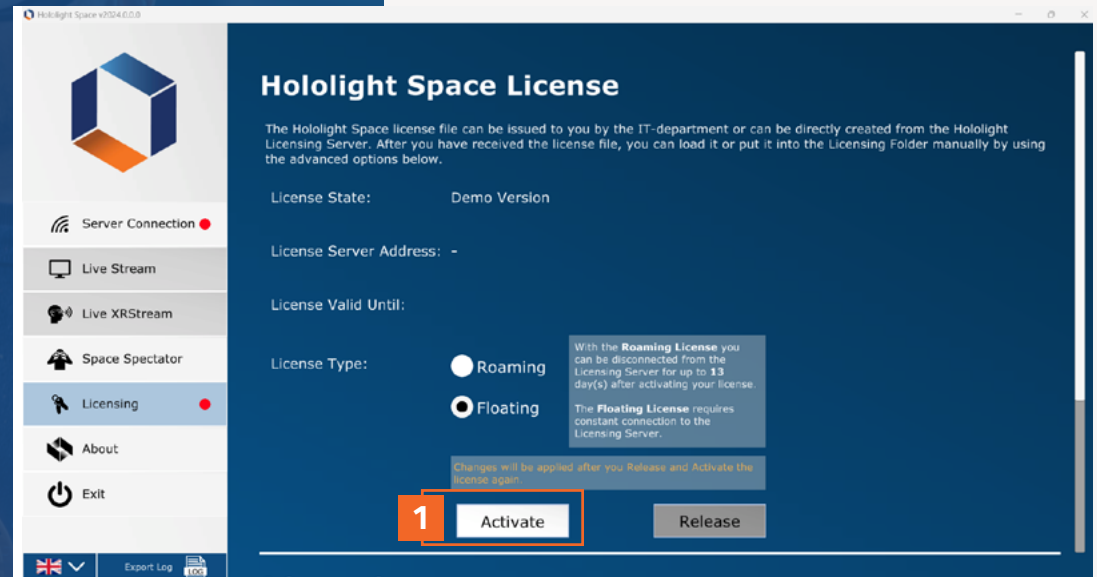
### Activate your license

Once you've installed your license file and chosen your license type, you can activate your license.

If a valid license already exists in the correct folder, Hologlight Space will activate the license automatically.

**1** To activate your license select the "Activate" button.

**2** If the activation is successful, a green "Server Reachable" icon will appear. You can now use Hologlight Space with your license.



## 2. Activate Hololight Space with your Hololight license file

### Release your license

Sometimes it is necessary to release a license. You might want to change the license type before reactivating or maybe allow someone else to use the license.

**1** To the release a license, select the "Release" button on the "Hololight Space License" panel.

**2** When the green "Server Reachable" icon disappears, the license is free.

The screenshot shows the Hololight Space v2024.0.0.0 application window. On the left is a navigation sidebar with icons for Server Connection, Live Stream, Live XRStream, Space Spectator, Licensing (highlighted), About, and Exit. The main panel is titled "Hololight Space License" and contains the following information:

- License State: Demo Version
- License Server Address: -
- License Valid Until: -
- License Type:  Roaming,  Floating

Two informational boxes are present:

- Roaming License:** With the **Roaming License** you can be disconnected from the Licensing Server for up to **13** day(s) after activating your license.
- Floating License:** The **Floating License** requires constant connection to the Licensing Server.

At the bottom of the license panel are "Activate" and "Release" buttons. The "Release" button is highlighted with a red box and a red "1" callout. Below the license panel is an "Advanced" section with a green status bar that reads "The license has been released." This status bar is also highlighted with a red box and a red "2" callout. The bottom of the window shows a language dropdown (set to UK), an "Export Log" button, and a close button.



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