



Activation Guide

CIVIL DESIGN AND ENGINEERING

AUGUST 2022

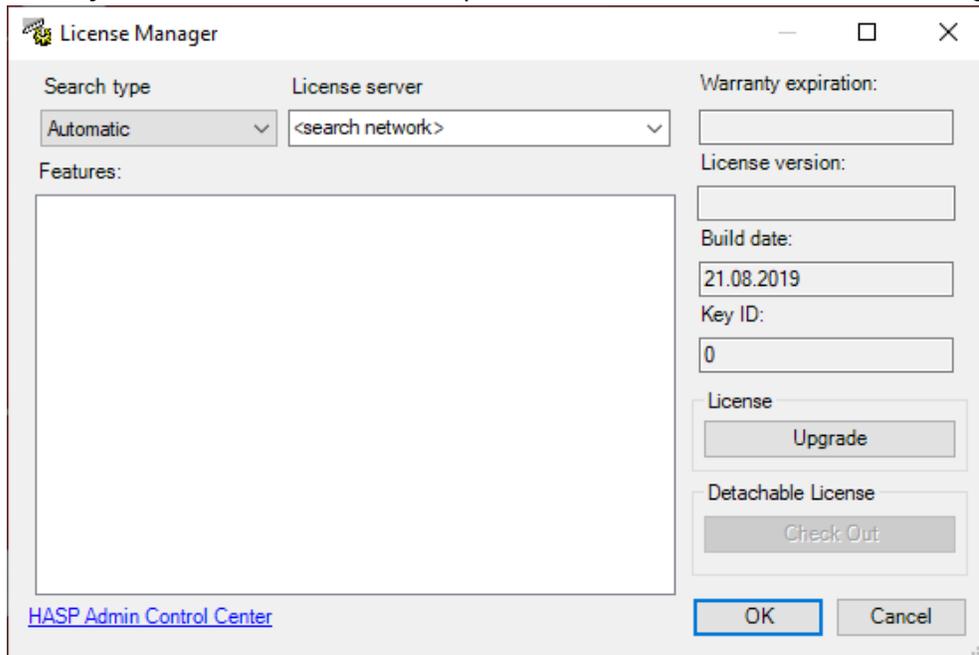
Quantm HASP License Activation Guide

License Activation	2
Licensing Quantm Desktop	2
Licensing Pathfinder	4
Connecting Quantm to a license	5
Reaching Sales, Support, and the Community	11

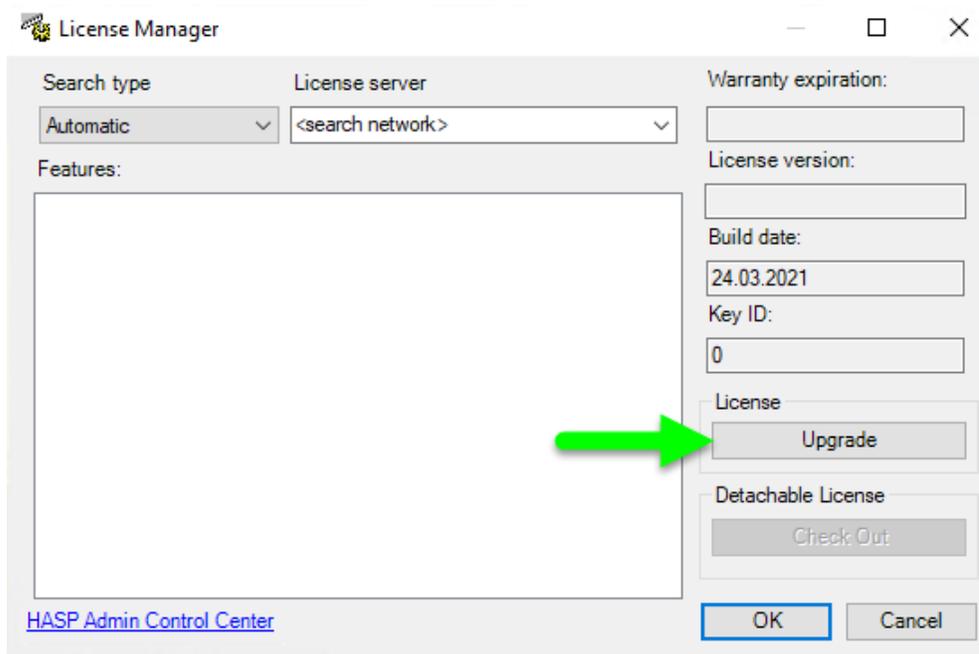
License Activation

Licensing Quantm Desktop

When you start Quantm on a computer for the first time, a license dialog will appear.



If installing on a computer, which has not had any previous version of Quantm, click Upgrade.



First, click "Create HASP Key".

Upgrade License

Select the key you want to upgrade:

Key Type	Key Id	Contains a License
Create HASP Key		

Enter the 19-digit code you received as part of the upgrade:

Upgrade Cancel

If you see that a key has been created, enter the 19-digit code provided by your dealer or Trimble's direct sales team.

Upgrade License

Select the key you want to upgrade:

Key Type	Key Id	Contains a License
HASP-SL		Yes

Enter the 19-digit code you received as part of the upgrade:

Upgrade Cancel

Click "Upgrade" to finish. The computer needs internet access when you do this.

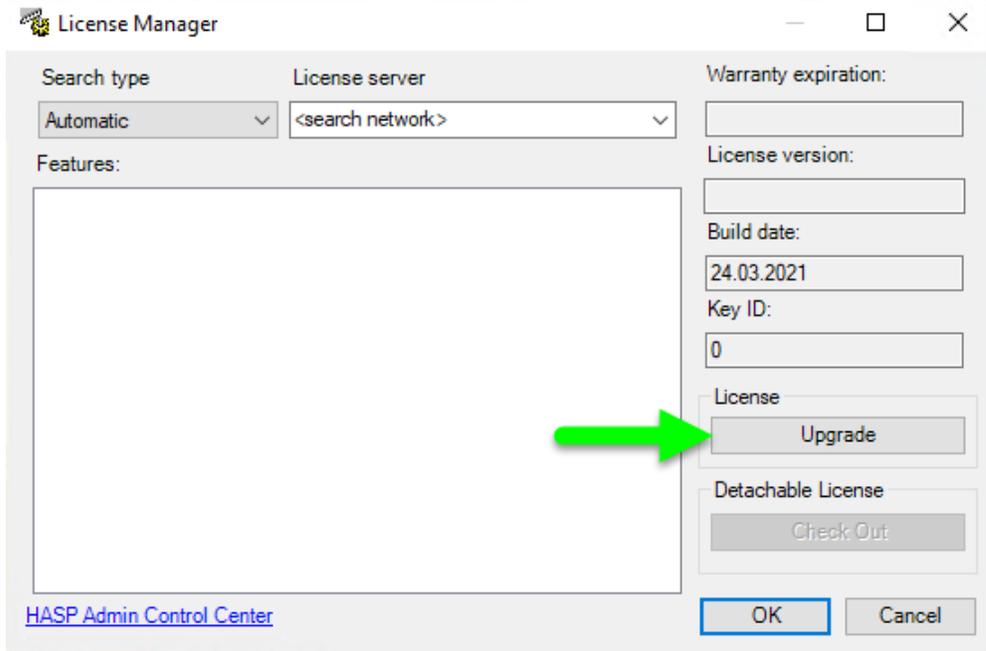
If you already have a license and get a new code to renew your license, start License Manager, click Upgrade and paste your new 19-digit code into the code field and click Upgrade. The computer needs internet access when you do this.

Licensing Pathfinder

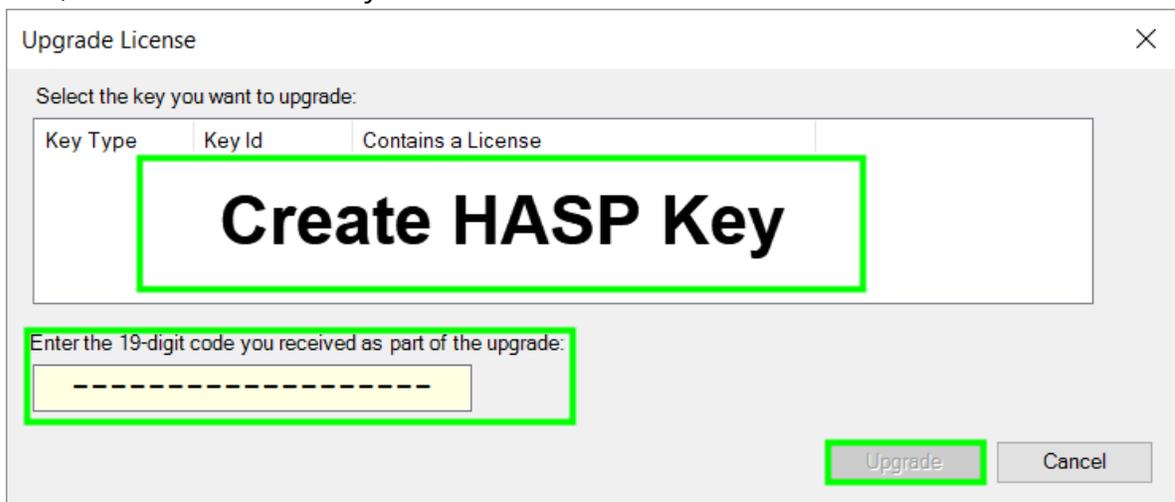


Click on the Quantm licenses shortcut on the desktop on the server.

Then click the Upgrade button.

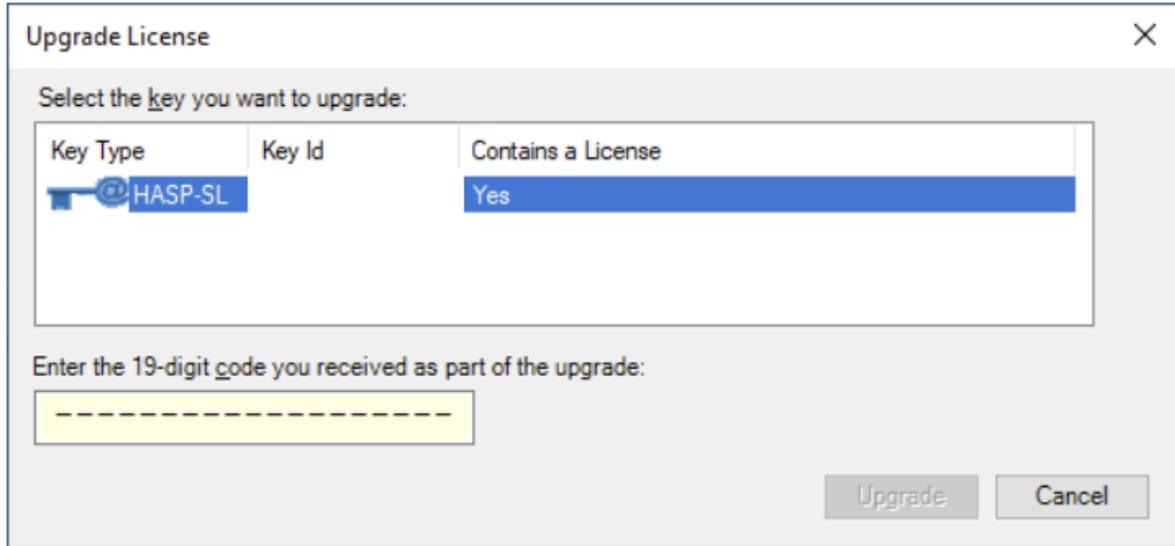


First, click "Create HASP Key".



If you see that a key has been created, enter the 19-digit code provided by your dealer

or Trimble's direct sales team.



Click "Upgrade" to finish. The computer needs internet access when you do this.

If you already have a license and get a new code to renew your license, start License Manager, click Upgrade and paste your new 19-digit code into the code field and click Upgrade. The computer needs internet access when you do this.

When using Quantm Pathfinder, the Pathfinder computer is also the network license server for the license to the clients. The clients who use this license will not be able to run any local optimizations when they use that license. When they connect to a Desktop license again they will be able to run local optimizations.

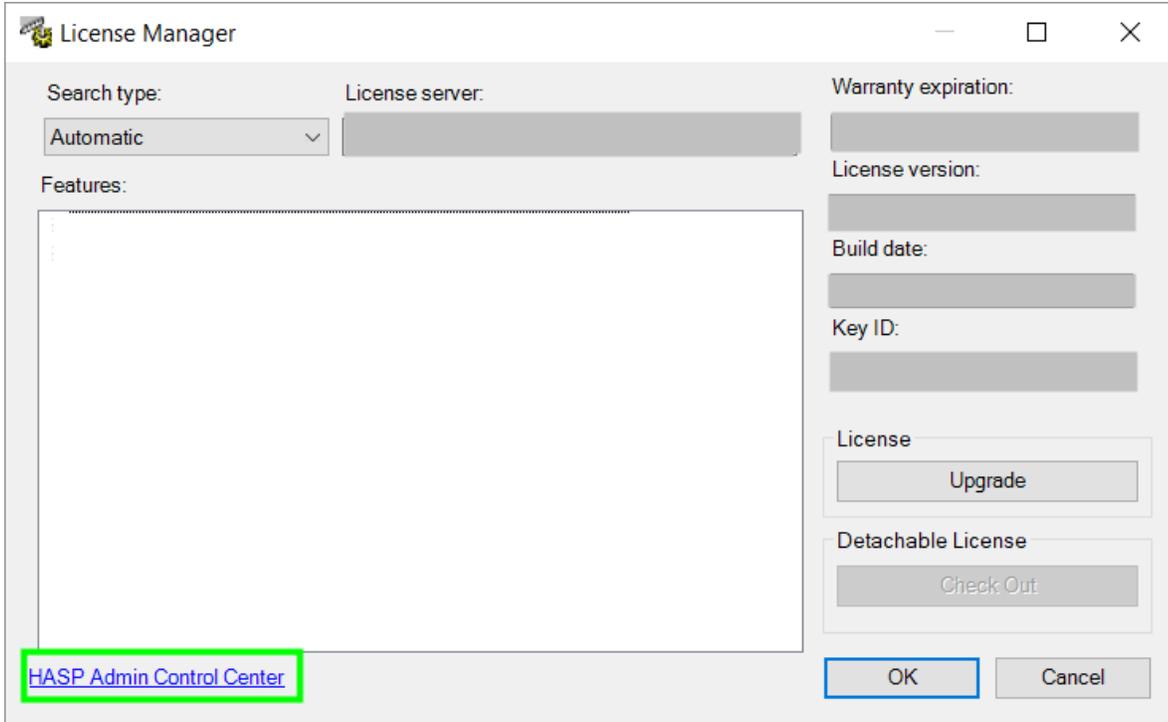
Connecting Quantm to a license

Now you can open Quantm on your computer.

If you have a license, Quantm should start without problems.

If it does not find any licenses local or in the network your computer is connected, it will show the License Manager.

Then click "HASP Admin Control Center" to open the Sentinel Admin Control Center, or just type <http://localhost:1947> in your web browser



You will then get the webpage for configuring and administering the Sentinel Admin Control Center.

You will have a Sentinel Admin Control Center on computers where Quantm is installed, where Quantm is running a network license and computers with Quantm Pathfinder.

First on your own computer, go to Configuration, and then click Access to remote License Managers.

Configuration Host Name: tso2

Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identities Detachable Licenses Network

Allow Access to Remote Licenses You may experience a delay of a few minutes before your changes take effect.

Broadcast Search for Remote Licenses

Aggressive Search for Remote Licenses

Remote License Search Parameters

```
192.168.1.100
licenseserver
```

Submit Cancel Set Defaults

1. Here you can tick on for Aggressive search for Remote Licenses, Remember to click Submit at the bottom when you make changes.

Then start Quantm on your computer again to see if it finds some licenses.

You can go to Help, About, Products on Key, there it will show those licenses it has found.

If Quantm starts without asking for a license it has found a license it could use.

2. If you still do not get any license, enter the name/IP-address of the license computer in the Remote License Search Parameters field. Remember to Submit.

Then test for a license again.

If you still do not get any license then you will probably need to do some Configuration also on the network license computers Admin Control Center.

As default you will not be able to connect to another computer's Admin Control Center from your web browser, you will need to configure the Admin Control Center locally on that computer first.

It could be that you have some restrictions in your company's network that will not allow you to connect to it also, that you must verify with your company's IT.

On the network license computer open the Admin Control Center, go to Configuration and then Access from Remote Clients.

In the Access restrictions field, write

allow="your computer's name" and maybe IP-address. This must be on separate lines.

Sentinel Keys

Products

Features

Sessions

Update/Attach

Access Log

Configuration

Diagnostics

Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identities Detachable Licenses Network

Currently, a network-enabled Sentinel protection key is not connected to this License Manager.

Allow Access from Remote Clients

Public Address for Access With Identity and ACC

Trusted IP Address

Public Port for Access With Identity

Store Identity Secrets

Access Restrictions

Show Recent Client Access

Submit Cancel Set Defaults

Access from Remote Clients configuration options:

- No one
- Identifiable clients only. Non-cloud licenses cannot be accessed.
- Cloud licenses require identity. Other licenses are accessible by all clients.
- All licenses are accessible without need of identity

Note: Regardless of the option selected, remote machines using a client identity cannot access non-cloud licenses.

Access Restrictions:

```
allow=192.168.1.150
allow=PC-name
```

The entries are evaluated in the order in which they are specified. As soon as a match is found, evaluation stops.
allow=all is implicitly added to end of list

Now go back to the client's desktop and open Quantm. Go to the license manager and apply these settings to connect to the license from the server.

If users are allowed to access Sentinel Admin Control Center on another computer, the following must be done locally on that computer first(Version 8.15).
On the Basic Settings tab, you must set a password and choose the access protocol.
This password must then also be used locally on that computer.

To set the password click Set Password

Configuration Host Name: tso2

Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identities Detachable Licenses Network

Machine Name

Allow Remote Access to ACC Disabled
 HTTPS
 HTTP

Allow Remote Access to Admin API Disabled
 HTTPS
 HTTP

Password Protection Configuration Pages
 All ACC Pages

Display Refresh Time (sec.)

Table Rows per Page

Idle Timeout of Session

You can then also choose what pages it should protect, Configuration or All. When you have set the password, you can choose Access protocol

Configuration Host Name: tso2

Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identities Detachable Licenses Network

Machine Name

Allow Remote Access to ACC Disabled
 HTTPS
 HTTP

Allow Remote Access to Admin API Disabled
 HTTPS
 HTTP

Password Protection Configuration Pages
 All ACC Pages

Since this is used only inside of a company network, you could use HTTP.

If you want an access log, you must tick that on also in Basic Settings.

- Sentinel Keys
- Products
- Features
- Sessions
- Update/Attach
- Access Log
- Configuration
- Diagnostics

Basic Settings Users **Access to Remote License Managers** Access from Remote Clients Client Identities Detachable Licenses Network

Machine Name

Allow Remote Access to ACC
 Disabled
 HTTPS
 HTTP

Allow Remote Access to Admin API
 Disabled
 HTTPS
 HTTP

Password Protection
 Configuration Pages
 All ACC Pages

Display Refresh Time (sec.)

Table Rows per Page ⓘ

Idle Timeout of Session ⓘ

Write an Access Log File Size Limit (KB): ⓘ

Include Local Requests ⓘ

Include Remote Requests ⓘ

Include Administration Requests



Reaching Sales, Support, and the Community

For more information, please use these resources:

Quantm Resource Center

Search for release notes, installation guide, license activation guide, learning guides, and technical articles, and more in the [Quantm Resource Center!](#)

Quantm Support email: civil.support@trimble.com

Trimble Connected Construction: Read more [here](#).

