



# Activation Guide

CIVIL DESIGN AND ENGINEERING

AUGUST 2022

## Quantm HASP License Activation Guide

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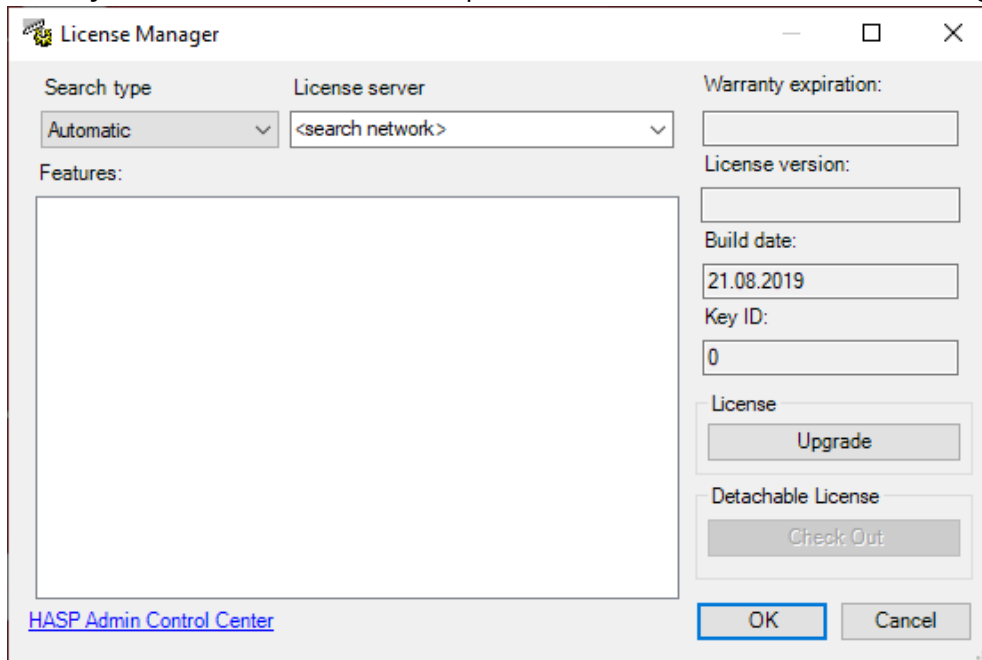
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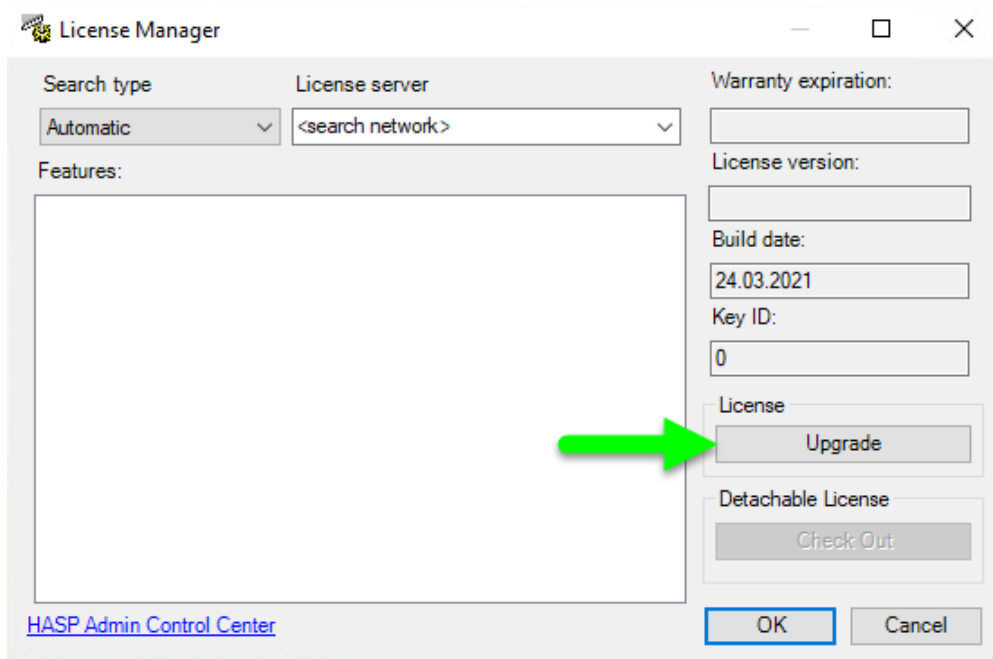
# License Activation

## 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
<b>Create HASP Key</b>		

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

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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:

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Upgrade Cancel

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

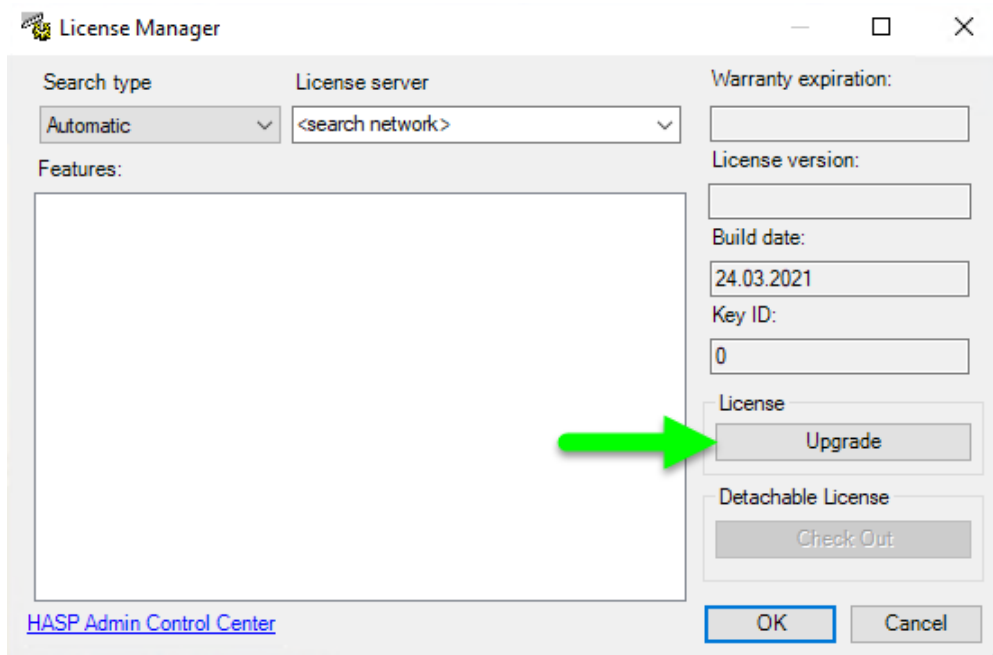
If you already have a license and get a new code to renew your license, start License Manager, click Upgrade and paste your new 19-digit code into the code field and click Upgrade. The computer needs internet access when you do this.

## Licensing Pathfinder

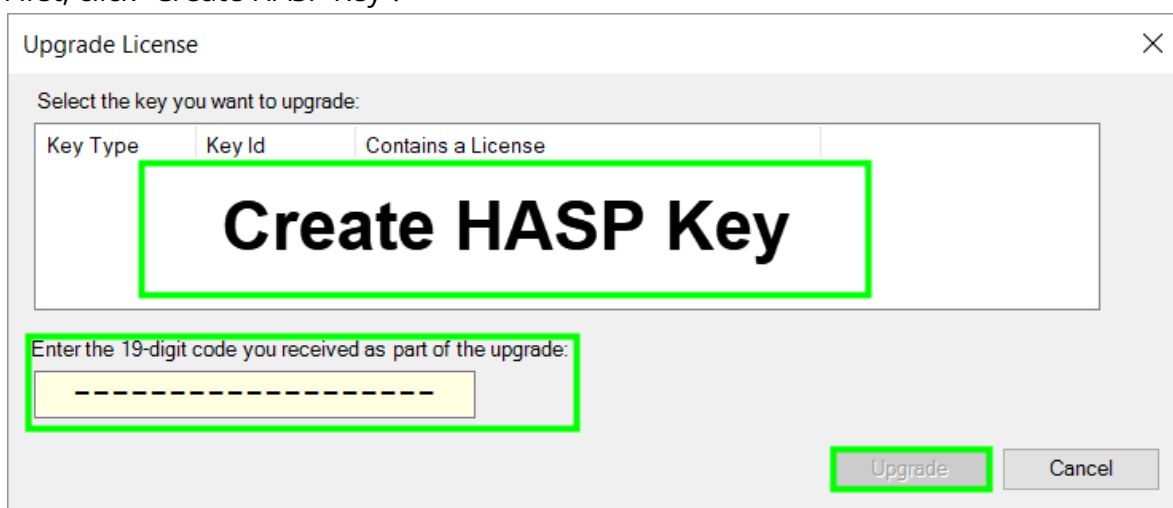


Click on the Quantm licenses shortcut on the desktop on the server.

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.

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.

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.

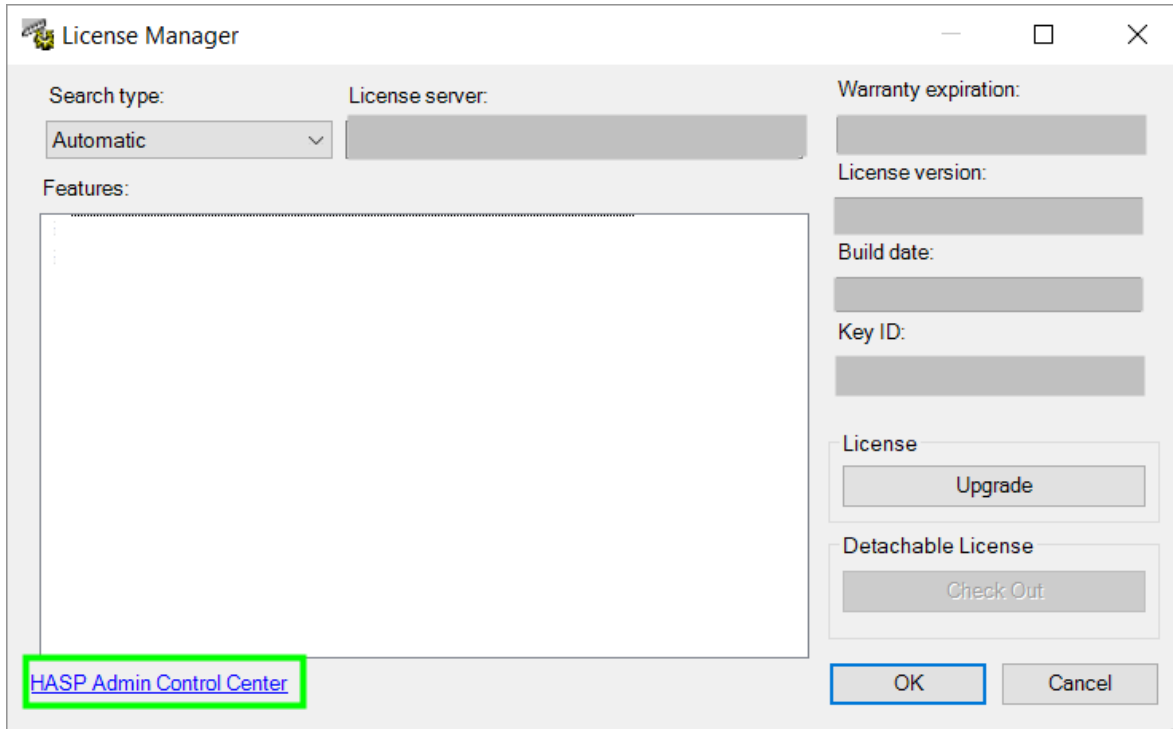
## Connecting Quantm to a license

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.

☐ 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.

Allow Access from Remote Clients

Public Address for Access With Identity and ACC

Trusted IP Address

Public Port for Access With Identity

☐ Listen for clients also on port 80

Store Identity Secrets

☒ Plain text  
☐ Encrypted with the storage key provided with Sentinel AdminAPI

Access Restrictions

allow=192.168.1.150  
allow=PC-name

[Show Recent Client Access](#)

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		tso2				
Allow Remote Access to ACC		<input checked="" type="radio"/> Disabled <input type="radio"/> HTTPS <input type="radio"/> HTTP				
Allow Remote Access to Admin API		<input checked="" type="radio"/> Disabled <input type="radio"/> HTTPS <input type="radio"/> HTTP				
Password Protection		<input checked="" type="radio"/> Configuration Pages <input type="radio"/> All ACC Pages				
Display Refresh Time (sec.)		3				
Table Rows per Page		12				
Idle Timeout of Session		720				

[Set Password](#)

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		tso2				
Allow Remote Access to ACC		<input type="radio"/> Disabled <input type="radio"/> HTTPS <input checked="" type="radio"/> HTTP				
Allow Remote Access to Admin API		<input type="radio"/> Disabled <input type="radio"/> HTTPS <input checked="" type="radio"/> HTTP				
Password Protection		<input checked="" type="radio"/> Configuration Pages <input type="radio"/> All ACC Pages				

[Set Password](#)

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 [Set Password](#)

Display Refresh Time (sec.)

Table Rows per Page  ?

Idle Timeout of Session  ?

Write an Access Log File ☒ Size Limit (KB):  ? [Edit Log Parameters](#)

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](mailto:civil.support@trimble.com)

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

