

Network Licencing Read Me

Trimble Business Center

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This document provides information concerning the installation and configuration of a HASP® network key with a multi-user licence.

Users can use the licence on an as-needed basis, up to the limit of concurrent users (seats) allowed by the licence.

Typically, users must be connected to the network to use the licence. However, the HASP network key can be configured to allow users to check out a "detachable" licence seat for a limited period of time, allowing the user to run the software without being connected to the network.

To install a HASP network key:

Note: You cannot install the HASP network key on a virtual computer.

Before installing the HASP network key on your server, ensure you have the following:

- Trimble Business Center Installation DVD
- 19-digit update code (included with your DVD packaging)
- Internet connection (required to verify your update code)

To install the HASP network key, follow these steps:

1. Insert the Trimble Business Center Installation DVD into the server computer on which you want to install the HASP network key.
2. Select **Install related tools and utilities individually** on the main menu of the Installation DVD.
3. On the **Related Tools and Utilities** menu, select **Update network licence**.
An installation wizard steps you through the installation of the Update Network Licence program.
4. On the last screen of the installation wizard, ensure the **Update network licence** check box is checked and click the **Finish** button.
The **Update Network Licence** dialog displays.
5. In the **Update Network Licence** dialog, enter your 19-digit update code and click the **Update** button.
6. When the update is complete, click the **Open HASP Admin Control Center** link to view and manage licensing information.

Note: To open the Sentinel HASP Admin Control Center when the **Update Network Licence** dialog is not displayed, open a browser window and enter the address http://server_name:1947.

To view licencing information:

In the **Administration Options** navigation pane, select the **HASP Keys, Products, or Features** links. Click the **Help** link located in the lower-right corner of each page for additional instructions.

To configure access to the licence:

Before users can access the multi-user licence on the HASP network key, you must configure the licence to allow remote access. Follow these steps:

1. In the **Administration Options** navigation pane, select the **Configuration** link to display the configuration tab set.
2. Select the **Access from Remote Clients** tab.
3. Check the **Allow Access from Remote Clients** check box.
4. Click the **Submit** button.

To configure the licence for checkout:

If you want to allow users to use the multi-user licence without being connected to the network (that is, check out a "detachable" licence seat), follow these steps:

1. In the **Administration Options** navigation pane, select the **Configuration** link to display the configuration tab set.
2. Select the **Detachable Licences** tab.
3. Check the **Enable Detachable Licences** check box.
4. Use the **Reserved Licences** fields to specify the number of licence seats, or percent of total licence seats, that you do **not** want to allow for checkout.
5. In the **Max. Detach Duration** field, enter the maximum number of days the licence seat can be checked out, up to a maximum of 30 days.

Users can request to check out a licence seat for this amount of time, or some amount of time less than this.

Note that Trimble Business Center limits the user's licence duration request to a maximum of 30 days. So although you can enter a value greater than 30 in this field, the user will still be limited to a maximum licence duration of 30 days.

6. Click the **Submit** button.

To enable a user's computer to use a network licence installed on a server located on a different subnet:

When the server computer (on which the HASP network key is installed) and a user's computer (which needs to access a network licence) are on different subnets, the server must be specified on the user's computer. On the user's computer, complete the following steps:

1. In Trimble Business Center, select **Help > About Trimble Business Center**.
2. In the **About Trimble Business Center** dialog, click **Licences**.
3. In the **Licence Manager** dialog, click the **HASP Admin Control Center** link located in the lower-left corner of the dialog.

The **Sentinel HASP Admin Control Center** page displays in a browser window.

1. In the **Administration Options** navigation pane, select the **Configuration** link to display the configuration tab set.
2. Select the **Access to Remote Licence Managers** tab.
3. In the **Specify Search Parameters** field, enter the server name or IP address.
4. In the **Administration Options** navigation pane, select the **HASP Keys** link and verify the network licence is displayed.
5. Click the **Submit** button.

To enable a user's computer to check out a detachable licence seat:

Users must configure their own computers to allow the checkout of detachable licence seat from the HASP network key using the following steps. Note that these steps are provided to users in a message dialog when they are denied a detachable licence request.

Note: The following procedure is intended for licence users to perform on their own computer.

1. In Trimble Business Center, select **Help > About Trimble Business Center**.
2. In the **About Trimble Business Center**, click **Licences**.
3. In the **Licence Manager** dialog, click the **HASP Admin Control Center** link located in the lower-left corner of the dialog.

The **Sentinel HASP Admin Control Center** page displays in a browser window.

1. In the **Administration Options** navigation pane, select the **Configuration** link to display the configuration tab set.
2. Select the **Detachable Licences** tab.
3. Check the **Enable Detachable Licences** check box.
4. Click the **Submit** button.

To perform other administrative tasks:

The **Sentinel HASP Admin Control Center** provides numerous features that allow you to view and manage licencing information. For additional help, select **Help** in the **Administration Options** navigation menu. Or, click the **Help** link located at the lower-right corner of the pages.

To update a HASP network licence:

You can update the multi-user licence on your HASP network key to include new features, increase the maximum allowed number of concurrent users (licence seats), or extend the warranty. Follow these steps:

1. Contact your dealer to request the update(s).
After your request has been processed, you will receive an email containing your 19-digit update code. A separate code is required for each update you request.
2. On your server computer desktop, select **Start > All Programs > Trimble > Licensing > Network Licence Update**.
The **Update Network Licence** dialog displays.
3. Copy the new 19-digit update code from the email and paste it into the field in the **Update Network Licence** dialog, then click the **Update** button.
4. When the update is complete, click the **Open HASP Admin Control Center** link to view and manage licencing information as necessary.

Note: To open the Sentinel HASP Admin Control Center when the **Update Network Licence** dialog is not displayed, open a browser window and enter the address http://server_name:1947.