

Network Licensing 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 license.

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

Typically, users must be connected to the network to use the license. However, the HASP network key can be configured to allow users to check out a "detachable" license 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 license**.
An installation wizard steps you through the installation of the Update Network License program.
4. On the last screen of the installation wizard, ensure the **Update network license** check box is checked and click the **Finish** button.
The **Update Network License** dialog displays.
5. In the **Update Network License** 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 License** dialog is not displayed, open a browser window and enter the address `http://server_name:1947`.

To view licensing 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 license:

Before users can access the multi-user license on the HASP network key, you must configure the license 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 license for checkout:

If you want to allow users to use the multi-user license without being connected to the network (that is, check out a "detachable" license 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 Licenses** tab.
3. Check the **Enable Detaching of Licenses** check box.
4. Use the **Reserved Licenses** fields to specify the number of license seats, or percent of total license seats, that you want to reserve for office use and **not** allow for checkout.
5. In the **Max. Detach Duration** field, enter the maximum number of days the license seat can be checked out, up to a maximum of 30 days.

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

Note that Trimble Business Center limits the user's license 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 license duration of 30 days.

6. Click the **Submit** button.

To enable a user's computer to use a network license 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 license) 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 **Licenses**.
3. In the **License 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.

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

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

Users must configure their own computers to allow the checkout of detachable license 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 license request.

Note: The following procedure is intended for license 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** dialog, click **Licenses**.
3. In the **License 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.

4. In the **Administration Options** navigation pane, select the **Configuration** link to display the configuration tab set.
5. Select the **Detachable Licenses** tab.
6. Check the **Enable Detachable Licenses** check box.
7. 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 licensing 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 license:

You can update the multi-user license on your HASP network key to include new features, increase the maximum allowed number of concurrent users (license 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 License Update**.
The **Update Network License** dialog displays.
3. Copy the new 19-digit update code from the email and paste it into the field in the **Update Network License** dialog, then click the **Update** button.
4. When the update is complete, click the **Open HASP Admin Control Center** link to view and manage licensing information as necessary.

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