Activation with the Sentinel Admin Control Center (SACC)

After installing the SafeNet Sentinel HASP drivers version 6.65 and later, .c2v files can be generated from the Sentinel Admin Control Center (SACC). At present, the SafeNet Sentinel HASP drivers included in the Network License Update Utility (NLUU) and the latest releases of TBC and TRW are version 6.65 or later.

1. For new activations, the SafeNet Sentinel HASP drivers must be installed first. They are installed in the following methods:

   - Automatically within the TBC and / or TRW workstation installation.

   - Automatically within the Network License Update Utility (NLUU) installation.

   - Manually downloaded and installed from SafeNet's download support page, at http://www.sentinelcustomer.safenet-inc.com/sentineldownloads/. The Sentinel drivers that manage TBC and TRW are the Sentinel HASP/LDK – Windows GUI Run-time Installer and are located in the upper left corner of the *Featured Downloads* at the top of the website.

2. Once the SafeNet Sentinel HASP drivers are installed, open the SACC in one of three ways:

   - Type http://localhost:1947 into a web browser. Google Chrome browser is recommended

   - Click the *Sentinel Admin Control Center* link in the bottom left corner of the License Manager within TBC or TRW, as shown:
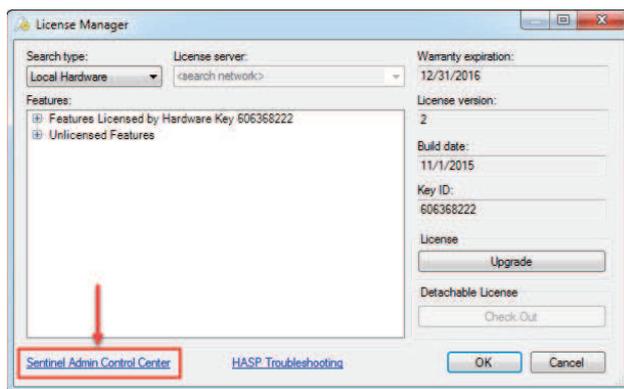
   - Click the *Open HASP SRM Admin Control Center* link within the NLUU:

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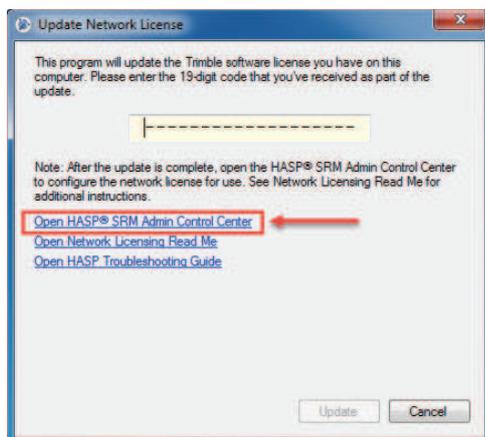
3. Once the SACC is open, click on the *Sentinel Keys* link on the left:
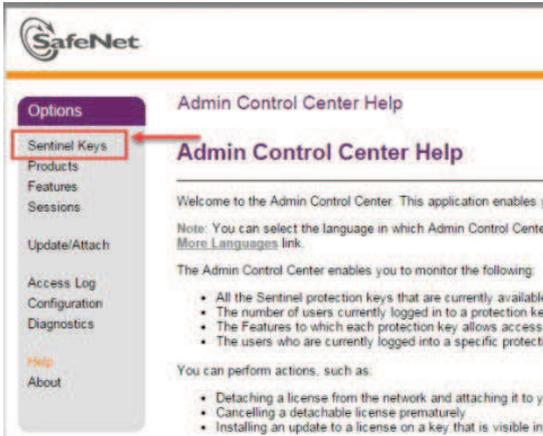
In the *Sentinel Keys* page, all KeyIDs installed on the local machine and detected on the network are listed. If the activation is a new installation, the SafeNet Sentinel HASP drivers should have created a 19-digit "placeholder" KeyID. This is the KeyID to use. Select the specific KeyID to activate or upgrade and click the *C2V* button to the right. Dialogue pops up to save the file to the machine. Save the file and a .c2v file is created with the KeyID information that the product code activation needs.
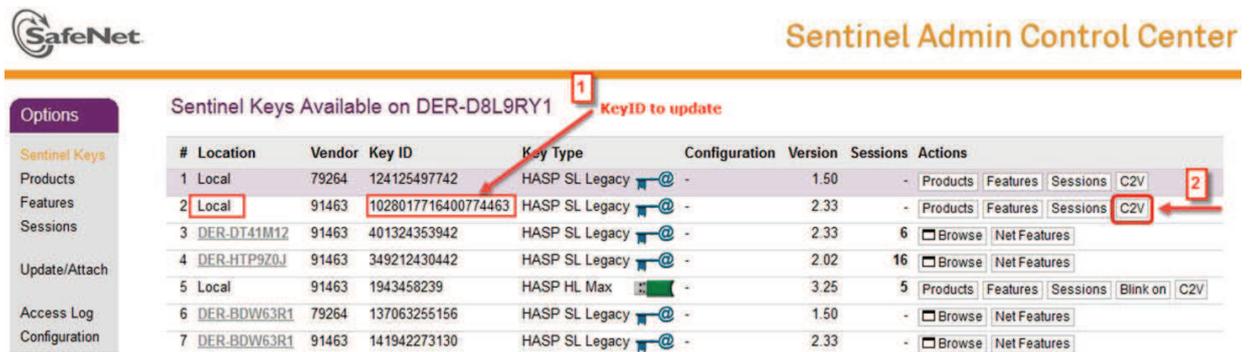
4. Forward the .c2v file and the TBC and / or TRW product code to activated to Trimble Support. Trimble Support manually activates the 19-digit product code to the KeyID included in the .c2v and sends the activated license information in a .v2c file. Download and save the .v2c file.

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5. To apply the .v2c file, open the SACC again and select the *Update / Attach* link:
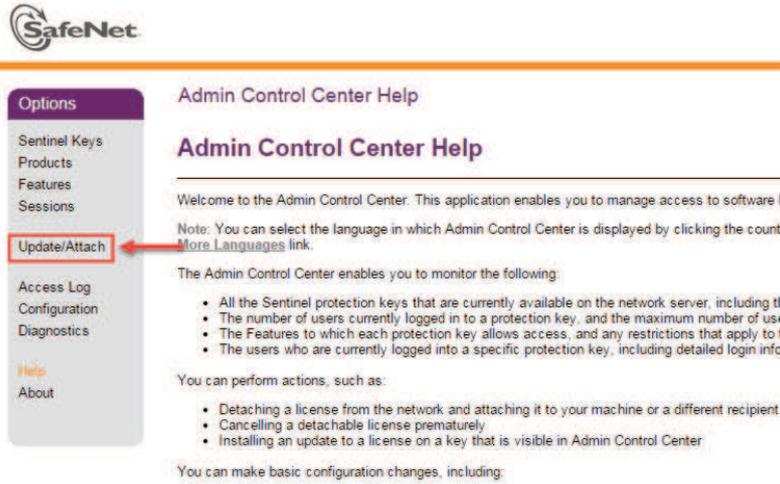
On the *Update / Attach* page, click the *Choose File* option. Navigate to the saved location of the .v2c file and click *Open*. Then click the *Apply File* button, as shown:
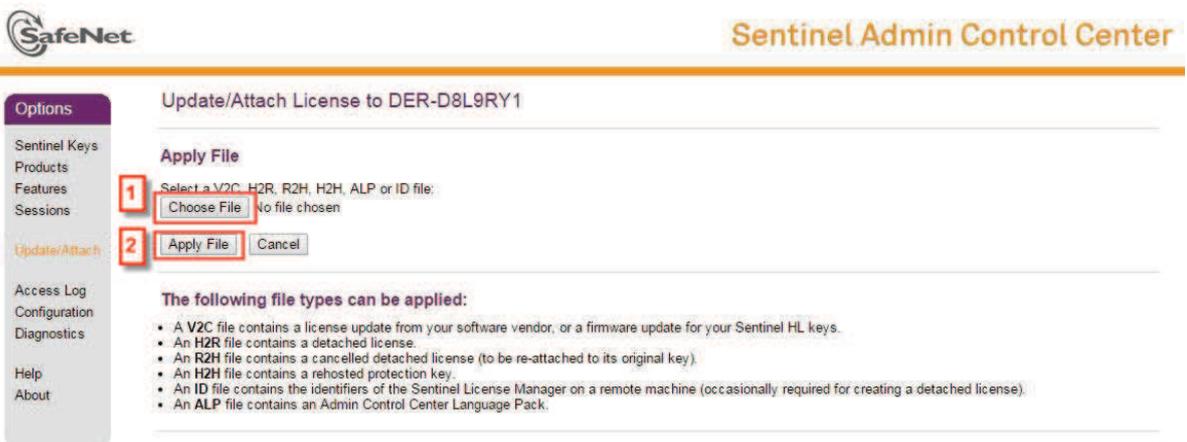
A confirmation screen states whether the activation or update was successful or not. If the activation or update was not successful, take a screenshot and send it to Trimble Support.

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Activation with the HASP Remote Update System

If the SafeNet Sentinel HASP drivers installed on the license host cannot be updated to 6.65 or later, the SACC cannot be accessed properly, or the SACC cannot generate a .c2v file, a stand-alone utility called the HASP Remote Update System (RUS) can be run to complete the offline activation or upgrade.

The RUS is a small, 1 MB-sized executable file that simply runs when started, with nothing to install.

The RUS is available through Partners or Trimble Support. Copy it to the license host server or workstation, wherever the TBC and/or TRW product code is to be activated.

1. Launch the RUS, select the *Collect Key Status Information* tab and then click **Collect Information**:
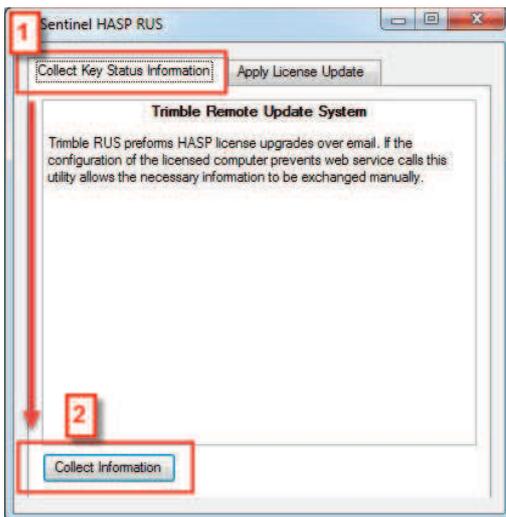
Specify a path to save the .c2v in the resulting *Save Key Status As* window:
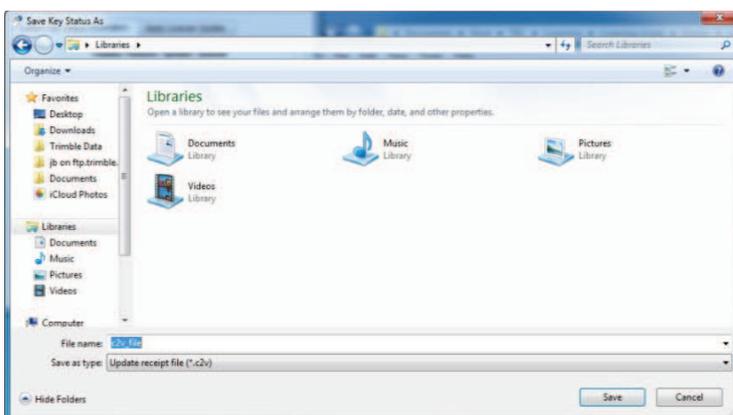
If more than one valid KeyID is installed on the machine running the RUS, a menu will then pop-up prompting to select the KeyID to include in the .c2v file. Select the KeyID to be activated or upgraded.

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Remember, HL = Hardware Lock (dongle/hardware) and SL = Software Lock (network/software):
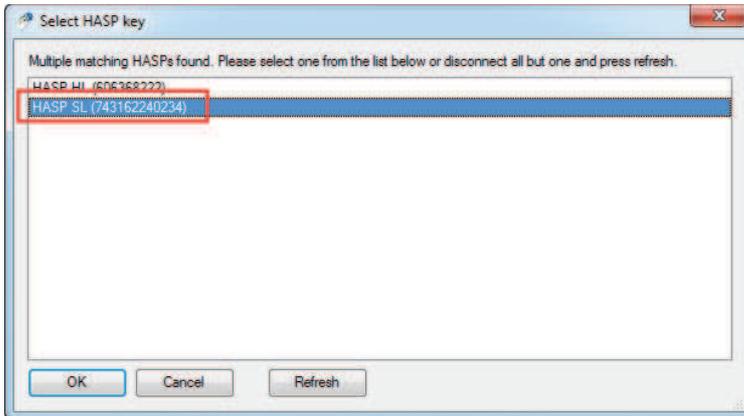
2. Once generated, send this .c2v file and the TBC and/or TRW product code to activate to Trimble Support. Trimble Support manually activates the product code to the KeyID included in the .c2v and sends the activated license information in a .v2c file. Download and save the .v2c file.

3. Open the RUS again on the license server machine and select the second tab, *Apply License Update*. Click the '…' button and browse to and open the .v2c file. Dragging and dropping the .v2c file into the directory location box also works. Click the *Apply Update* button.
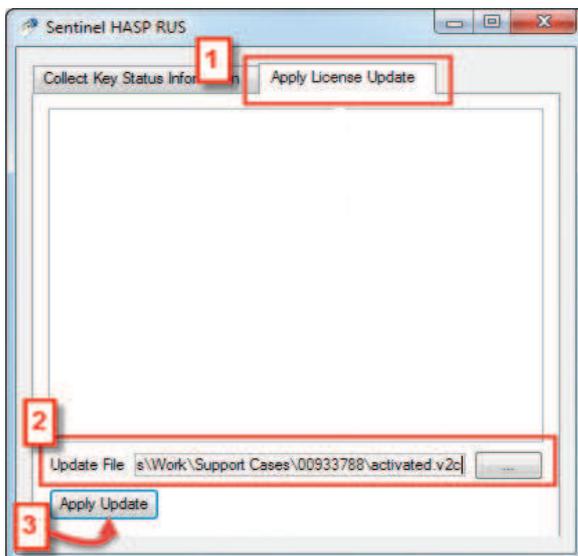
Confirmation text within the utility will state whether the activation or update was successful or not. If the activation or update was not successful, take a screenshot and send it to Trimble Support.

For more information

For more information contact Trimble Support and reference other Sentinel HASP Licensing Support Notes.

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