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:

Search type:	License server:	Warranty expiration:	
Local Hardware ksearch network>		- 12/31/2016	
eatures:		License version:	
Features Licensed by Hardware Key 606368222 Unlicensed Features		2 Build date: 11/1/2015 Key ID: 606368222 License Upgrade	
1		Detachable License Oheck Out	

• 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.

SafeNet				1		Sen	tinel	Admin Control Cent
Options	Sentinel Keys	Availat	ole on DER-D8L9	RY1 KeyID to u	pdate			
Sentinel Keys	# Location	Vendor	Key ID	Кау Туре	Configuration	Version	Sessions	Actions
Products	1 Local	79264	124125497742	HASP SL Legacy _ @		1.50		Products Features Sessions C2V 2
eatures	2 Local	91463	1028017716400774463	HASP SL Legacy@	+	2.33		Products Features Sessions C2V
essions	3 DER-DT41M12	91463	401324353942	HASP SL Legacy		2.33	6	Browse Net Features
Update/Attach	4 DER-HTP9Z0J	91463	349212430442	HASP SL Legacy	•	2.02	16	Browse Net Features
	5 Local	91463	1943458239	HASP HL Max	•	3.25	5	Products Features Sessions Blink on C2V
ccess Log	6 DER-BDW63R1	79264	137063255156	HASP SL Legacy	•	1.50	18	Browse Net Features
onfiguration	7 DER-BDW63R1	91463	141942273130	HASP SL Legacy	•	2.33		Browse Net Features

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:

Options	Admin Control Center Help
Sentinel Keys Products	Admin Control Center Help
Features Sessions	Welcome to the Admin Control Center. This application enables you to manage access to software
Update/Attach	Note: You can select the language in which Admin Control Center is displayed by clicking the count More Languages link.
A	The Admin Control Center enables you to monitor the following:
Configuration Diagnostics	 All the Sentinel protection keys that are currently available on the network server, including the The number of users currently logged in to a protection key, and the maximum number of users. The Features to which each protection key allows access, and any restrictions that apply to The users who are currently logged into a specific protection key, including detailed login information and the users who are currently logged into a specific protection key.
Help About	You can perform actions, such as:
	 Detaching a license from the network and attaching it to your machine or a different recipient Cancelling a detachable license prematurely Installing an update to a license on a key that is visible in Admin Control Center

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:

SafeNe	let Sent	inel Admin Control Center
Options Sentinel Keys Products Features Sessions	Update/Attach License to DER-D8L9RY1 Apply File Select a V2C H2R, R2H, H2H, ALP or ID file: Choose File to file chosen	
Update/Attach Access Log Configuration Diagnostics Help About	A ppy rise Cancel The following file types can be applied: A V2C file contains a license update from your software vendor, or a firmware update for your Sentinel Hi A n2R file contains a detached license. A n2R file contains a cancelled detached license (to be re-attached to its original key). A n2H file contains a net cancel protection key. A n1D file contains a the identifiers of the Sentinel License Manager on a remote machine (occasionally rec A n4LP file contains an Admin Control Center Language Pack.	L keys. quired for creating a detached license).

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):

supro moroning .	Mars round, rieds	e select one from the	list below or discon	inect all but one and	press retresh.
ASE HI (CLESES	222)				
Mar at (743162	240204)				

- 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.

🥐 Sentinel HAS	P RUS			
Collect Key Sta	itus Infor ia n	Apply Licens	se Update	
Update File	s\Work\Support	Cases\009337	88\activated.v2c	
Apply Updat	e			
	1.51			

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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