Offline EMS license activation to a HASP key

Created Date	Updated Date	Affects version	Fix version
19 May 2021	25 May 2021	N/A	N/A

To activate the new Blancco Erasure Software licenses you will receive an email, which contains the product key(s) for the activation. The email also includes steps how to activate your product key(s). You can choose online or offline activation. Online activation requires an Internet connection and a HASP-key needs to be connected to the machine where activation will be done. Offline activation doesn't require internet connection, but you will need to generate a request file (C2V-file) and upload it to the License Activation Portal. After uploading the file, you will receive a response file (V2C-file) which can be activated to the HASP-key without internet connection.

This guide is for Offline activation, for Online activation see the article "Online EMS license activation to a HASP key". For activating license through your local Blancco Management Console (3.6.1 or newer) see the article "Offline EMS license activation with Blancco Management Console".

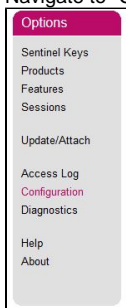**Note!** For offline activation you will need:

With RUS Tool

- Windows Operating System
- RUS_MOXZM Windows tool
- Sentinel HASP/LDK Run Time.
    - Have to be installed before running RUS tool.
    - Drivers can be downloaded from Thales download site.

Without RUS Tool

- Sentinel HASP/LDK Run Time version 7.90 or newer.
    - Drivers can be downloaded from Thales download site.

Without RUS Tool

1. Enable "Generate C2V File for HASP key" in Sentinel Admin Control Center, http://localhost:1947 page. This step has to be done only once, if it's already enabled, continue step 2.
    a. Navigate to "Configuration" page

    b. Locate "Generate C2V File for HASP key" option and enable it.

2. Navigate to "Sentinel Keys page and press C2V button under "Actions" for generating C2V file.

3. Upload the C2V-file to the "Generate License" window and click "generate"

Generate License

Order Details

Product Key:	2226dba7-c1b1-4e09-935f-98503bff81e4		
Customer:	Example Company	Email:	-
Activations:	1	Remaining Activations:	1
Ref ID 1:		Ref ID 2:	
Entitlement Comments:			
Products:			

Product	Lock Type
Blancco 5 SE	HL

Download RUS, a tool to generate C2V ➡

Upload C2V

Upload C2V: ems.c2v   [...]

Comments: [   ]

[Generate] [Cancel]

4. Download the V2C-file

Generate License

V2C generated successfully

Order Details

Product Key:	2226dba7-c1b1-4e09-935f-98503bff81e4		
Customer:	Example Company	Email:	-
Activations:	1	Remaining Activations:	0
Ref ID 1:		Ref ID 2:	
Entitlement Comments:			
Products:			

Product	Lock Type
Blancco 5 SE	HL

Download RUS, a tool to generate C2V ➡

Activation Details

Key ID	Lock Type	Activation Date	Comments	Download
1897741976	Sentinel-HL-Time	2019-02-15		V2C File

[Close]

5. Go to Sentinel Admin Control Center "Update/Attach page and Apply downloaded V2C file.

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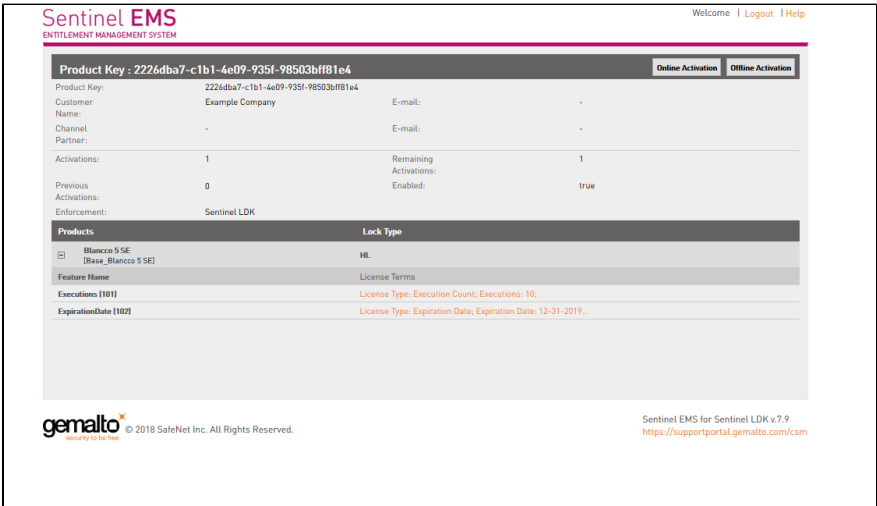| Options	Update/Attach License to btgfi-158
Sentinel Keys	
Products	**Apply File**
Features	Select a V2C, V2CP, H2R, R2H, H2H or ID file:
Sessions	[Browse...] No file selected.
Update/Attach	[Apply File] [Cancel]
Access Log	
Configuration	**The following file types can be applied:**
Diagnostics	• A **V2C** file contains a license update from your software vendor, or a firmware update for your Sentinel HL keys.
	• A **V2CP** file contains license update package from your software vendor.
	• An **H2R** file contains a detached license.
Help	• An **R2H** file contains a cancelled detached license (to be re-attached to its original key).
About	• An **H2H** file contains a rehosted protection key.
	• An **ID** file contains the identifiers of the Sentinel License Manager on a remote machine (occasionally required for creating a detached license).

With RUS Tool

1. Access the License Activation Portal (the link is in the email)

2. Log in by using your unique product key found in the email
3. Choose "Offline activation"

4. From the "Generate License" window, download the RUS tool (Remote Update System)

Generate License

Order Details

Product Key:	2226dba7-c1b1-4e09-935f-98503bff81e4
Customer:	Example Company
Email:	-
Activations:	1
Remaining Activations:	1
Ref ID 1:	
Ref ID 2:	
Entitlement Comments:	
Products:	

Product	Lock Type
Blancco 5 SE	HL

Download RUS, a tool to generate C2V ➡

Upload C2V

Upload C2V: [   ] [...]

Comments: [   ]
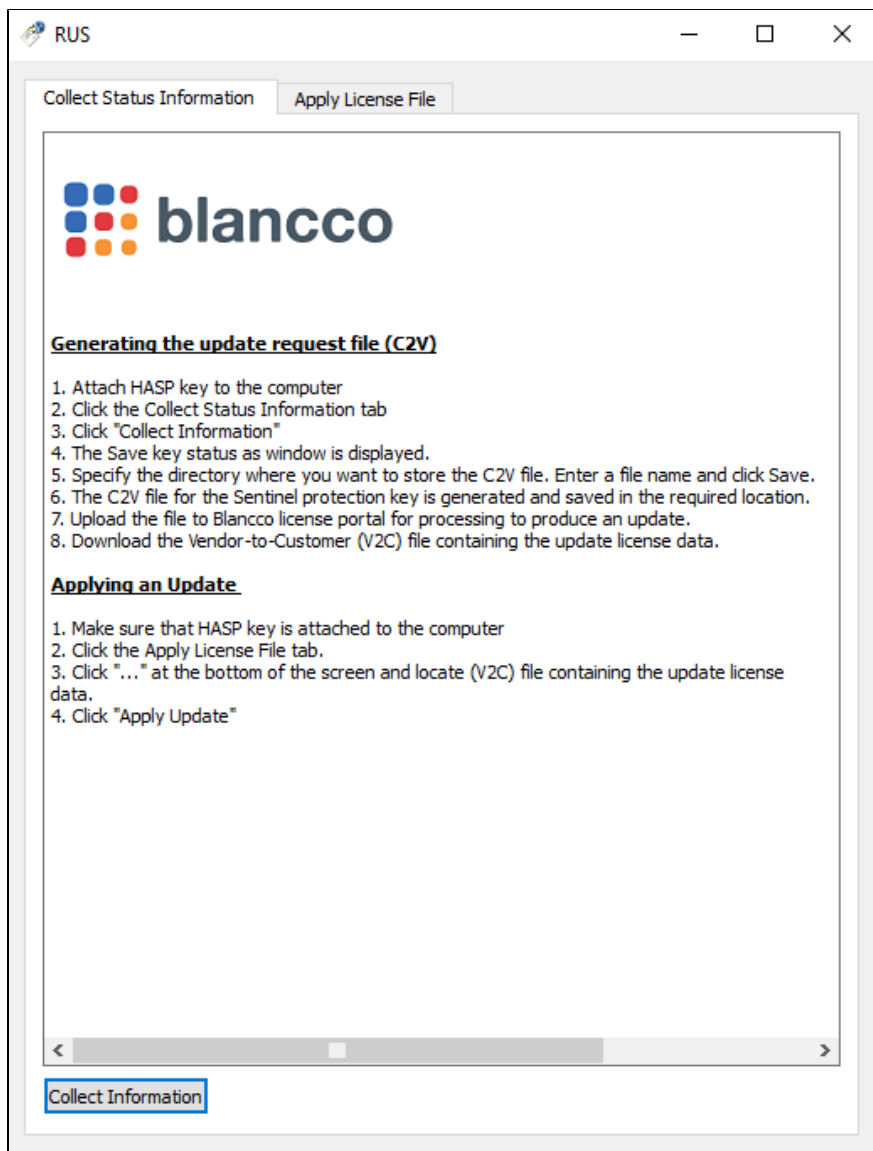
[Generate] [Cancel]

5. Run the RUS tool to generate a C2V-file
   a. Make sure that the HASP-key where you want to activate the licenses is connected to the machine where RUS tool is running.
   b. If the RUS tool is used, choose "Collect Status Information" and then "Collect Information"
   c. Save the file

RUS

Collect Status Information   Apply License File

blancco

Generating the update request file (C2V)

1. Attach HASP key to the computer
2. Click the Collect Status Information tab
3. Click "Collect Information"
4. The Save key status as window is displayed.
5. Specify the directory where you want to store the C2V file. Enter a file name and click Save.
6. The C2V file for the Sentinel protection key is generated and saved in the required location.
7. Upload the file to Blancco license portal for processing to produce an update.
8. Download the Vendor-to-Customer (V2C) file containing the update license data.

Applying an Update

1. Make sure that HASP key is attached to the computer
2. Click the Apply License File tab.
3. Click "..." at the bottom of the screen and locate (V2C) file containing the update license data.
4. Click "Apply Update"

Collect Information

6. Upload the C2V-file to the "Generate License" window and click "generate"

7. Download the V2C-file

NOTE: If using Google Chrome and you are not able to download the generated V2C file, please re-try the download using FireFox"

8. Activate the V2C-file with the RUS tool
    a. Choose "Apply License File"-tab
    b. Click "..." to choose the V2C-file
    c. After choosing the correct file, click "Apply Update"

RUS ☐ ☐ ✕

Collect Status Information | Apply License File

Update File `C:\1897741976-Example_Company.V2C` [...]

[Apply Update]