

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

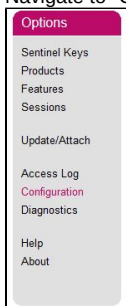
- Windows Operating System
- RUS_MOXZM Windows tool
- Sentinel HASP/LDK Run Time.
 - Have to be installed before running RUS tool.
 - Drivers can be downloaded from [Thales download site](#).

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.

Generate C2V file for HASP key	☒ Enable this option only if recommended by your software vendor.
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2. Navigate to "Sentinel Keys page and press C2V button under "Actions" for generating C2V file.

[navigate to Sentinel Keys page](#) and press **C2V** button under **Actions** for generating C2V file.

[Sentinel Admin Control Center](#)

Options		Sentinel Keys Available on blgfi-158							
	#	Location	Vendor	Key ID	Key Type	Configuration	Version	Sessions	Actions
Sentinel Keys	1	Local	MOXZM (871020)		Reserved for New SL Key	SL	-	-	[Generate]
Products	2	Local	MOXZM (871020)		HASP HL Time	HL	3.25	-	[Products] [Features] [Sessions] [Blank] [C2V]
Features									
Sessions									

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

Activations: 1

Ref ID 1:

Entitlement

Comments:

Products:

Email: -

Remaining

Activations: 1

Ref ID 2:

Product	Lock Type
Blanco 5 SE	HL

Download **RUS**, a tool to generate C2V ➔

Upload C2V

Upload 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

Activations: 1

Ref ID 1:

Entitlement

Comments:

Products:

Email: -

Remaining

Activations: 0

Ref ID 2:

Product	Lock Type
Blanco 5 SE	HL

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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.

gemalto

Options

Update/Attach License to btgfi-158

Apply File

Select a V2C, V2CP, H2R, R2H, H2H or ID file:

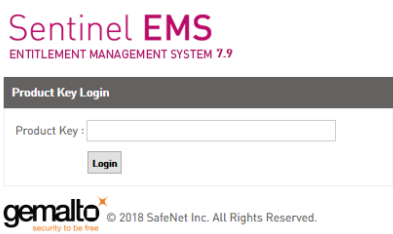
No file selected.

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 HL keys.
- A V2CP file contains license update package from your software vendor.
- An H2R file contains a detached license.
- An R2H file contains a cancelled detached license (to be re-attached to its original key).
- 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).

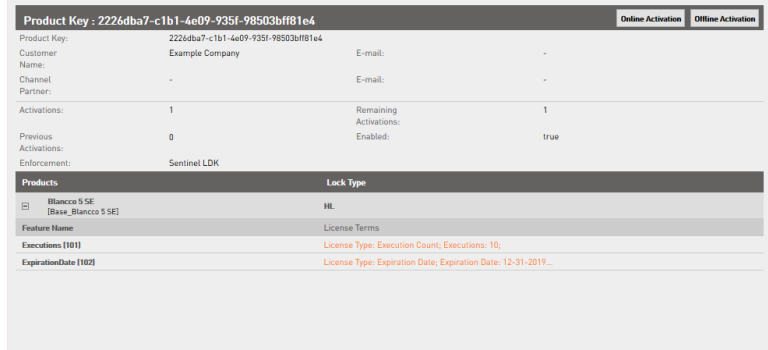
With RUS Tool

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



The screenshot shows the Sentinel EMS Product Key Login page. At the top, it says "Sentinel EMS ENTITLEMENT MANAGEMENT SYSTEM 7.9". Below this is a "Product Key Login" section with a text input field for the "Product Key" and a "Login" button. At the bottom, there is a Gemalto logo and the text "© 2018 SafeNet Inc. All Rights Reserved."

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



The screenshot shows the Sentinel EMS interface after logging in. At the top, it says "Sentinel EMS ENTITLEMENT MANAGEMENT SYSTEM" and "Welcome | Logout | Help". Below this is a "Product Key : 2226dba7-c1b1-4e09-935f-98503bff81e4" section with "Online Activation" and "Offline Activation" buttons. The "Offline Activation" button is selected. Below this is a table with the following data:

Product Key	Customer Name	E-mail
2226dba7-c1b1-4e09-935f-98503bff81e4	Example Company	-
Channel Partner:	-	-

Below the table, it shows "Activations: 1", "Remaining Activations: 1", "Previous Activations: 0", and "Enabled: true". At the bottom, it says "Enforcement: Sentinel LDK".

Below this is a "Products" section with a table:

Products	Lock Type
Blanco 5 SE [Base_Blanco 5 SE]	HL

Below the table, it shows "Feature Name" and "License Terms".

Below this is a "Executions (101)" section with a table:

Executions (101)	License Type: Execution Count; Executions: 10;
ExpirationDate (102)	License Type: Expiration Date; Expiration Date: 12-31-2019...

At the bottom, there is a Gemalto logo and the text "© 2018 SafeNet Inc. All Rights Reserved." and "Sentinel EMS for Sentinel LDK v7.9 https://supportportal.gemalto.com/csm".

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

Generate License

Order Details

Product Key:2226dba7-c1b1-4e09-935f-98503bf81e4

Customer:Example CompanyEmail:-

Activations:1Remaining Activations:1

Ref ID 1:Ref ID 2:

Entitlement

Comments:

Products:

Product	Lock Type
Blanco 5 SE	HL

Download **RUS**, a tool to generate C2V ➔

Upload C2V

Upload C2V:

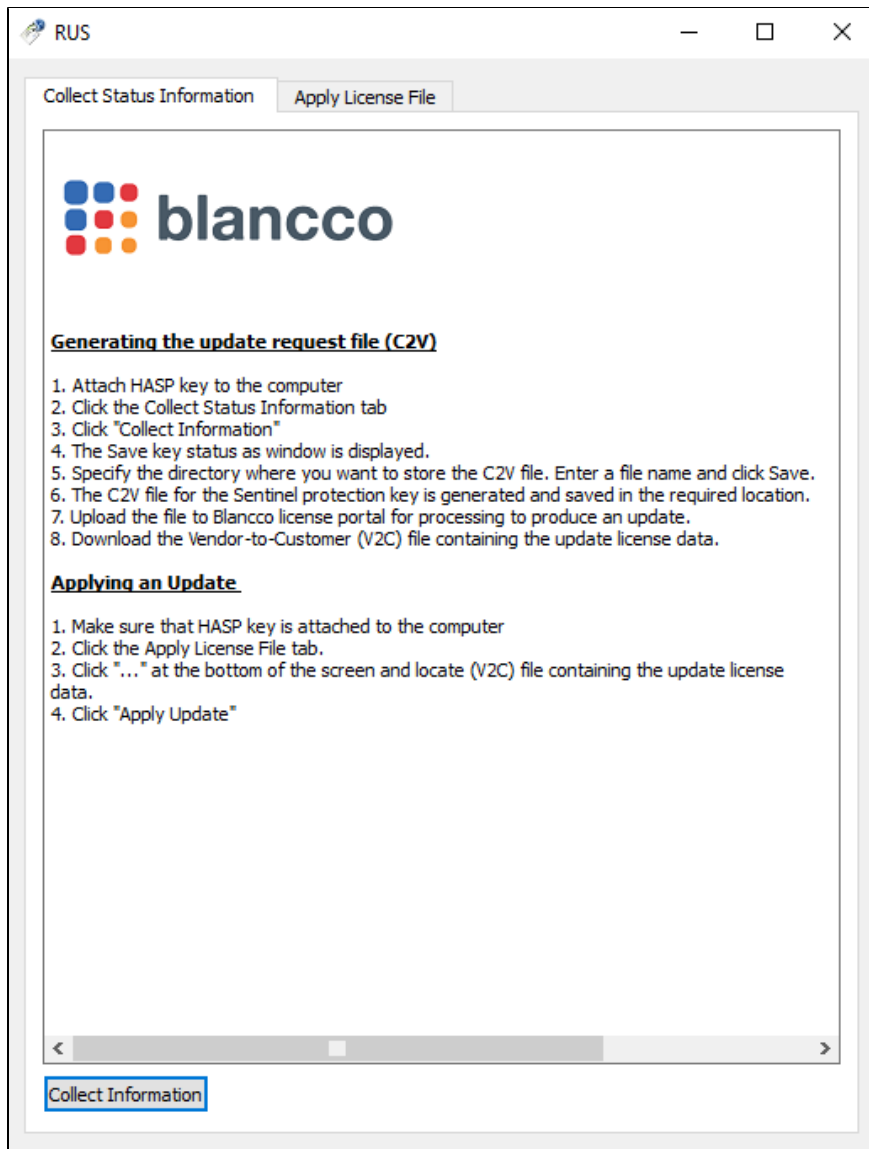
...

Comments:

Generate

Cancel

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



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

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Generate License

Order Details

Product Key:

2226dba7-c1b1-4e09-935f-98503bf81e4

Customer:

Example Company

Email:

-

Activations:

1

Remaining Activations:

1

Ref ID 1:

Ref ID 2:

Entitlement

Comments:

Products:

Product	Lock Type
Blanco 5 SE	HL

Download **RUS**, a tool to generate C2V ➡

Upload C2V

Upload C2V:

ems.c2v

...

Comments:

Generate

Cancel

7. Download the V2C-file

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Generate License

V2C generated successfully

Order Details

Product Key:

2226dba7-c1b1-4e09-935f-98503bf81e4

Customer:

Example Company

Email:

-

Activations:

1

Remaining Activations:

0

Ref ID 1:

Ref ID 2:

Entitlement

Comments:

Products:

Product	Lock Type
Blanco 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

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