## How to check license information from a HASP-key using LDK/EMS licensing?

Created	Updated	Affects versions	Fix version
11 Jul 2019	23 Dec 2022	N/A	N/A

## Description

The license information can be checked using Sentinel Admin Control Center, which can be accessed by navigating to http://localhost:1947 on your browser's address bar.

Note! To see your licenses you will need to have the HASP HL drivers installed. Drivers can be downloaded from Gemalto download site.

## Step by step instructions

To check your license information from a HASP-key:

- 1. Plug in the HASP-key to your computer
- 2. Open Sentinel Admin Control Center by entering http://localhost:1947 in your browser's address bar
- 3. From the left panel, select "Features" -tab to see the license information for your HASP-key (direct path here is http://localhost:1947/\_int\_/features. html)

Sentinel Admin Control Center •••••														
	Features Available Host Name: teg-799440													
Sentinel Keys	Vendor	Key ID	Product	Feature		Location	Access	Counting	Logins	Concurrency	Detached	Restrictions	Sessions	Actions
Products	MOXZM	81581178		0	۵	Local	Loc	Station		-		Perpetual		Sessions
Features	MOXZM	81581178	1020 Base_BDE - Volume Edition	102 ExpirationDate	۵	Local	Loc Display	Station		86		Expiration Date Mon Jan 1, 2024 01:55		Sessions
Services	MOXZM	81581178	1020 Base_BDE - Volume Edition	101 Executions	۵	Local	Loc Display	Station				Executions 9977 available		Sessions
	MOXZM	81581178	1030 Base_BMDE Eraser - Volume Edition	102 ExpirationDate	۵	Local	Loc Display	Station		-		Expiration Date Mon Jan 1, 2024 01:55		Sessions
Update/Attach	MOXZM	81581178	1030 Base_BMDE Eraser - Volume Edition	101 Executions	۵	Local	Loc Display	Station		-		Executions 10000 available		Sessions
Access Log	MOXZM	81581178	1015 MOXZM Product 1015	102 ExpirationDate	۵	Local	Loc Display	Station				Expiration Date Mon Jan 1, 2024 01:55		Sessions
Configuration	MOXZM	81581178	1015 MOXZM Product 1015	101 Executions	۵	Local	Loc Display	Station				Executions 1 available		Sessions
	MOXZM	81581178	1034 Base_BMDE - Diagnostics	102 ExpirationDate	۵	Local	Loc Display	Station		-		Expiration Date Mon Jan 1, 2024 01:55		Sessions
Diagnostics	MOXZM	81581178	1034 Base_BMDE - Diagnostics	101 Executions	۵	Local	Loc Display	Station		-		Executions 10000 available		Sessions
	MOXZM	81581178	1012 Base_BRME - Volume Edition	102 ExpirationDate	۵	Local	Loc Display	Station				Expiration Date Fri Dec 13, 2024 01:55		Sessions
	MOXZM	81581178	1012 Base_BRME - Volume Edition	101 Executions	۵	Local	Loc Display	Station				Executions 96 available		Sessions
	MOXZM	81581178	1036 Base_BDE - Enterprise Volume Edition	102 ExpirationDate	۵	Local	Loc Display	Station		-		Expiration Date Tue Jan 2, 2024 01:55		Sessions
	MOXZM	81581178	1036 Base_BDE - Enterprise Volume Edition	101 Executions	۵	Local	Loc Display	Station		-		Executions 1 available		Sessions

For each product there are two different entries in the "Features" -table. The first product row defines the expiration date of the license and the second has the amount of executions it has left. The columns for each license is as follows:

- Key ID, the internal ID number of the HASP-key
- Product, the product ID and name for the product the license applies to
- Feature, type of restriction the product has, each license will have both
  - ExpirationDate, the date that the license is valid till
    Executions, the amount of licenses left
- Restrictions, defines the Expiration Date or Executions for the license

The below example has Blancco Drive Eraser - Volume Edition licenses, where the expiration date is set to Jan 1, 2024 and amount of licenses left is 9977 as defined by the "Restrictions" -column.

Vendor	Key ID	Product	Feature	Location	Access	Counting	Logins	Concurrency	Detached	Restrictions	Sessions	Actions
MOXZM	81581178	1020 Base_BDE - Volume Edition	102 ExpirationDate	Local	Loc Display	Station		00		Expiration Date Mon Jan 1, 2024 01:55		Sessions
мохzм	81581178	1020 Base_BDE - Volume Edition	101 Executions	Local	Loc Display	Station				Executions 9977 available		Sessions

## If the expiration date has been exceeded or you have run out of licenses, the "Restrictions" -column will show as Expired.

MOXZM	81581178	1036 Base_BDE - Enterprise Volume Edition	101 Executions	🔒 Local	Loc Display	Station	80	Expired	Sessions
MOXZM	81581178	1036 Base_BDE - Enterprise Volume Edition	102 ExpirationDate	🔒 Local	Loc Display	Station	00	Expiration Date Tue Dec 20, 2022 01:55	Sessions

If you are unable to see the product names and see only the product IDs under the "Product" -column, you will need to update the license catalog file with the following steps:

- Download the up to date catalog: Blancco\_catalog\_definitions.xml
  Navigate to "Update/Attach"-tab on Admin Control Center
  Click "Browse..." and select the "Blancco\_catalog\_definitions.xml" file you previously downloaded
  Click Apply

Sentinel Admin Control Center										
	Update/Attach License Host Name: htg-79kk4j3									
Sentinel Keys Products Features Sessions	Select File:	Blancco_catalog_definitions.xml File Format: VZC, VZCP, H2R, R2H, H2H or ID file Apply File Cancel	Select File @							
Update/Attach										
Access Log										
Configuration										
Diagnostics										

After the updated catalogue is attached, you should be able to see the product names correctly.