



ROHR2 SINETZ PROBAD

Licensing EN

2026

SIGMA Ingenieurgesellschaft mbH

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Release 26.03

1 ROHR2 licenses quick reference ROHR2 – SINETZ - PROBAD

Question	Answer	links
What is included in the software package?	Program data download) license key program documentation	R2, SN, PB Manuals
Where to find details about the program version?	Help Info function and system contract	†
What is the USB plug for?	Using the software requires an access to a license key (USB key plugged in or SL license). The installation of a network license requires a connection to the license manager.	See <i>R2SNPB_install manual</i>
Licensing without USB hardware keys (dongles) - is this available?	Yes, dongle-less licenses are available for network licenses	See <i>nstall manual</i> and this document, SL Licenses chapter 4
How to install the program?	Run <i>Setup.exe</i> To start the installation from the downloaded directory The license key is not required for the installation of the program (see Activation Code).	See <i>R2SNPB_install manual</i>
Activation required?	Yes, it is required to activate the program during installation or at first program start. Get the activation code via internet or enter it manually. Activation requires the USB module to be plugged in or a SL license key.	2 , <i>this document</i>
Actualization	Actualization = unlocking, modification of time limits or change of the program configuration. Activation = enables to use the latest program release, see <i>Activating the program license</i>	3
How to get program updates?	New program versions/releases are delivered to registered users. Modifications and program enhancements between the program releases are downloaded from the internet by an integrated update function.	5.2, <i>this document</i> or <i>software manuals</i> <i>User data form (part of the system contract)</i>
My rental license is expiring - how to unlock?	Unlock by actualization process	3

2 Activating the program license

The activation process enables to use the latest program release.

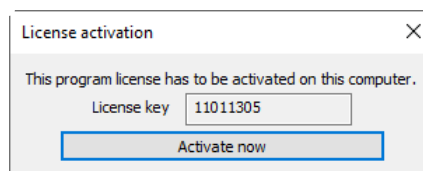
The program licenses need to be activated at first program start.. The activation is not identical to the service period/rental period of the license, see also *Actualization of program licenses*.

The standard process is <i>Activation by internet</i>	2.1
If it fails, the activation code can be inserted manually	2.2.1
Or the settings of the internet connection can be modified	2.2.2

2.1 Automatic activation by Internet

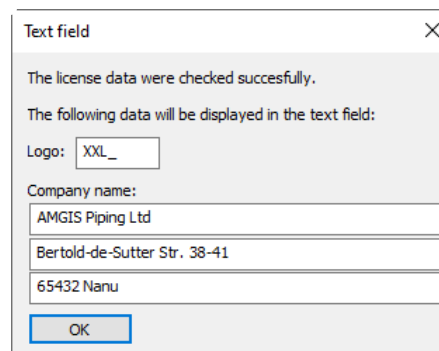
Activation of the license

The dialog window *License activation* opens. The number of the used license key is shown.



The function *Activate now* starts the activation.

The successful product activation will be confirmed. The dialog window *text field* shows the company data and a logo stored on the license server. The company data can be modified now or corrected later in the program by *Options| General Settings| Print*.

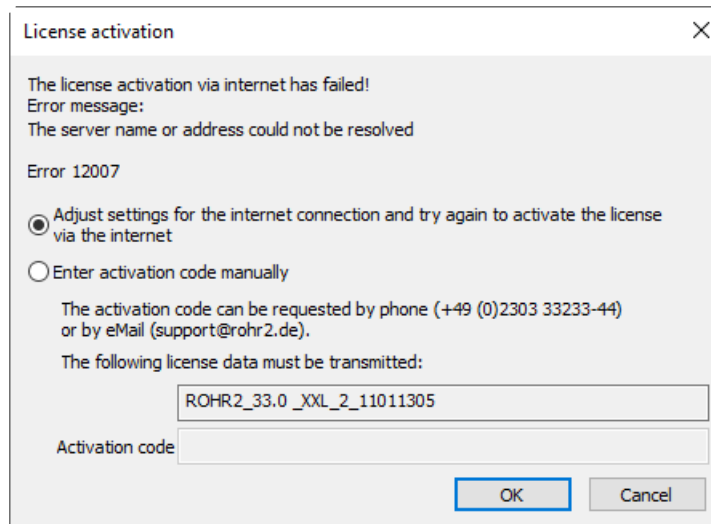


OK

Confirm with OK to finish the successful program activation.

2.2 Activation without internet connection

If the activation by internet fails, the window license activation opens. Here the activation code can be entered manually or the internet connection can be modified.



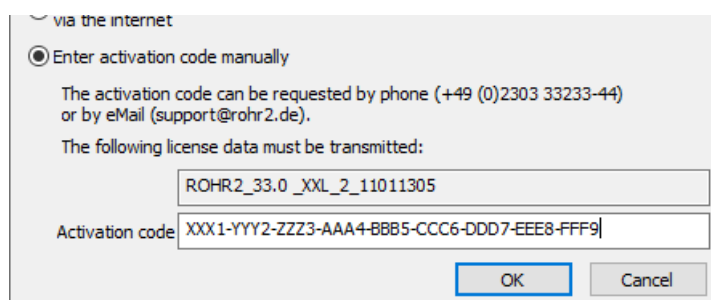
2.2.1 Manual input of the activation code

Select the function *Enter activation code manually* only if no internet connection is available.

Get the activation code by phone or email from the user support.

In this dialog the license information is transmitted (in this case ROHR2_32.1_XXL_2_11011305)

The input can be done manually or by copy & paste of the written code line, sent by email.



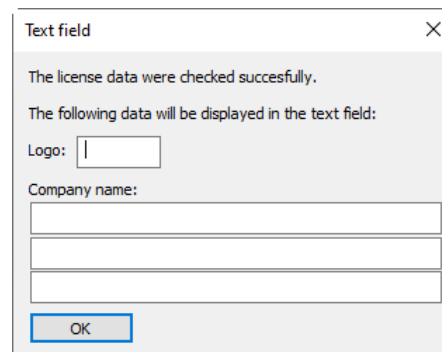
Please pay attention when entering the code manually: the code is case sensitive and each block is separated by a hyphen, e.g. F3H67-XXX7X.

Confirm **OK** to start the activation code check.

2 - Activating the program license

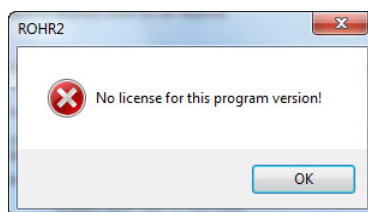
Successful activation

After successful activation the dialog window *text field* opens. The text entries are empty, because the license data cannot be accessed. Enter your company data and a logo here or later in the program by the command *Options| General Settings| Print*.



Invalid activation code

If an invalid license code is entered the activation will be refused. Warning message: *No license for this program version*
In this case the code is wrong or does not prove the right to use the installed program version. Please contact the sales and support team in this case.



If the input window does not close if the inserted code does not fit to the expected length or format.

2.2.2 Configuration of the SSL internet connection

Configure internet connection

Press *Adjust settings for the internet connection* if the internet connection fails and needs to be modified:

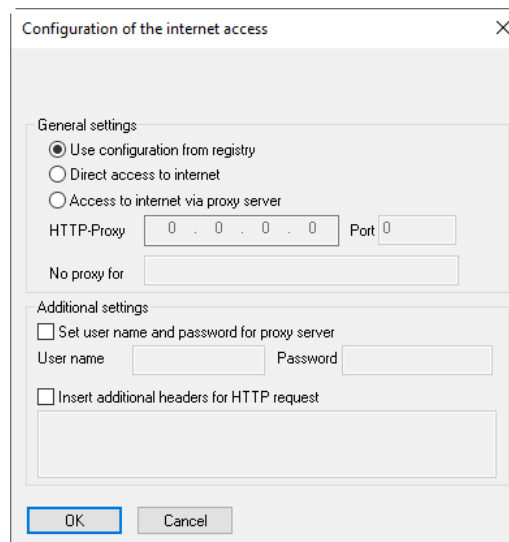
A manual configuration of the internet access is required, if the standard connection to Update server by means of the Windows registry settings fails (see

manual

ROHR2 *ROHR2update| Configuration of the internet access*).

SINETZ *SINETZupdate| Configuration of the internet access*).

PROBAD: dialog window appears if internet connection fails



3 Actualization of program licenses

This chapter explains the how to carry out an unlock process at expired program licenses and how to carry out upgrades and downgrades of program licenses.

Actualization = unlocking, modification of time limits or change of the program configuration.

Activation = enables to use the latest program release, see *Activating the program license*

The actualization process needs to be carried out only one time, even if the USB dongle is used at several program installations.

3.1 Actualization - General

The actualization of a program license is carried out by means of the program module HLSCAN.EXE.

Changing time limits

Time-limited /rental program licenses can be unlocked by the actualization process. They are:

Rental license with expired period of time

License actualization by internet connection or by manual data exchange.

Unlimited license, expired by delivery or if a license key must be replaced

Program licenses generally are set to a 14 day license period when shipped. After returning the delivery note (and the replacement license key, if applicable.) the license can be unlocked.

Changing the program configuration limits

A program license, equipped with a HASP license key can be extended or reduced by sending an update file, e.g. adding interfaces, extending the number of network seats, etc.

The system contract and/or the order confirmation include the details of the scope of delivery.

Upon request the license actualization can be confirmed by the ROHR2/SINETZ sales team

In the following the procedure necessary for extending/reducing the program license is shown here:

Expiration of the license

The license expires at the date shown in the actualization message.

Additional modules and rental licenses expire automatically. They don't need to be removed manually.

Please contact us for the continuation of the license.

If it may be required to update the license manually you will be asked.

3.2 License actualization

This is the instruction for the standard process of license actualization and upgrading in three steps

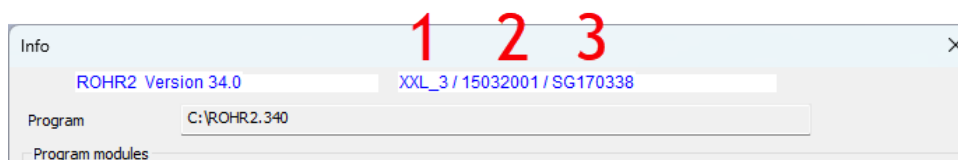


3.2.1 Ordering a license actualization

Please contact the sales team (sales@rohr2.com)

The actualization of a license requires:

1. Number of the license key. See label on the USB key or view *Help | info* in the program menu



The data below the title bar shows:

for identification of the license key concerning technical matters (actualization, support issues, etc.):

1. The license key name
2. The license key index number

for identification of the program license concerning commercial matters (contract, orders, etc.)

3. The license ID of the software program

Complete the message by the desired time period /program modification and your contact data/company address.

3.2.2 Confirmation

You will receive a confirmation message including the scope of delivery, i.e. program modules, duration, etc..

After that the actualization can be carried out:

The actualization completes the delivery of the program /network access.

All modules are already part of the program installation. The installation of additional modules is not required if not mentioned explicitly.

3.2.3 License file actualization

Actualization by exchange of license data

The actualization of licenses is carried out by the exchange of license data generally:

- The current license data needs to be sent to the technical support team.
- An update file is generated on the basis of the license data
- the updated license data is returned and
- imported into the actualization procedure.

Actualization by HLSCAN.EXE

The program module HLSCAN.EXE is the standard application for the actualization of licenses. HLSCAN.EXE needs to be executed at the computer (workstation of server PC) where the license key is plugged in or where the SL license is installed.

In case of a network license the HLSCAN program needs to be carried out at the server PC (license server).

The actualization of a license key alternatively can be carried out at another computer by connecting the (network) license temporarily. In this case please check the *Requirements of HLSCAN.EXE*, see 3.2.3.1.

An alternative to the actualization by HLSCAN.EXE may be the actualization by **Admin Control Center**. In this case it is not required to plug in the license key at the computer where the actualization takes place.

3.2.3.1 Requirements of HLSCAN.EXE

The following software programs need to be installed on the computer to execute HLSCAN.EXE:

- Microsoft Visual C++ Redistributable (x86)
- Sentinel Runtime (THALES), latest release

Please check, e.g. using „System – Apps and Features“.

If a current version of a SIGMA software product has been installed on your computer, the upper mentioned tools are already included. No further action is required.

If the programs are not installed please download here:

- Microsoft Visual C++ Redistributable (x86): www.rohr2.de/public/vc_redist_x86.zip
- Sentinel Runtime: www.rohr2.de/public/haspusersetup.zip

Download the zip files and install by executing the *.exe files.

3 - Actualization of program licenses

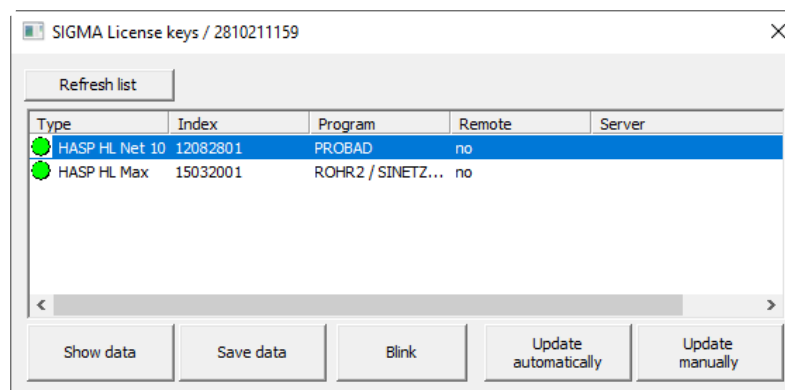
3.2.3.2 License actualization using HLSCAN.EXE

Download the current installation files of HLSCAN here

<https://www.rohr2.de/public/hlscan.zip>

and copy the program files into a directory on the computer, where the license key is plugged in or where the SL license is installed.

Start the program file HLSCAN.EXE.

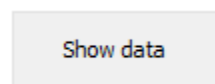


HLSCAN.EXE automatically determines all accessible HASP license keys and shows them in the list. Select the license key to be actualized from the list.

Refresh list

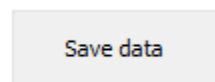
Refresh the list and show all available license keys.

Show data



The Show data command opens a dialog window where the license data, included in the specified license key is shown. This window is similar to the programs INFO function.

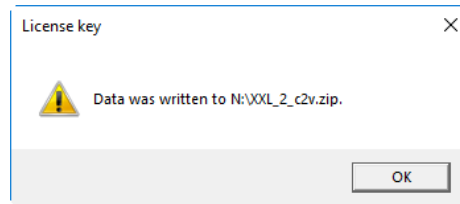
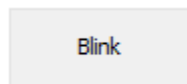
Save data - Sending license data by email



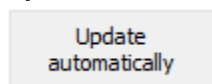
The Save data function is used to save the license file and send it to the ROHR2/SINETZ support or sales team.

The storage location is shown in the message box.

Please send the file manually by email to the technical support address (support@rohr2.de) if the automatic email transfer fails.

**Blink**

Start/stop flashing the LED light of the selected license key to identify one USB key among others.

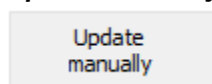
Update automatically

Start the actualization by *Update automatically*. If an internet connection is available the entire actualization process will be carried out automatically.

When the license key status is shown, the process has been finished successfully.

If the actualization is not carried out automatically, e.g. caused by firewall blocked internet connection, an error message occurs. In this case the actualization data needs to be exchanged by email.

The license data can be stored by using the command *Save data*. Please send the file by email to the ROHR2/SINETZ/PROBAD sales team

Update manually

After receiving the license data the ROHR2/SINETZ support generates an actualization file and returns a *.zip file (file extension *.zip). to the sender.

This *.zip file contains the information necessary for the actualization of the license.

Save this file in *.zip format.

It is not required to unpack the file.

Press *Update manually* to open this file. This process actualizes the license key.

3 - Actualization of program licenses

3.2.3.3 License actualization using the “Admin Control Center”

An alternative to the actualization by HLSCAN.EXE may be the actualization by **Admin Control Center**.

To use this actualization method, the Sentinel Runtime Software (7.6 or higher) needs to be installed on the PC where the license key is plugged in or where the SL license is installed. Use the *About* section of the Admin Control Center to check the program version (*Run-time Installer*).

In the internet browser type in

[http://\[Servername/-adresse\]:1947](http://[Servername/-adresse]:1947),

Where *[Servername/-adresse]* is the name or the IP-Address of the computer where the license key is plugged in or where the SL license is installed. If the license key is placed at your own workstation PC the server name to be indicated is: *localhost*.

Example:

- <http://localhost:1947> starts the „Admin Control Center“ on the local PC for the actualization of a connected license key.
- <http://192.168.0.1:1947> starts the „Admin Control Center“ on a PC with the IP-Address 192.168.0.1, for the actualization of a license key inserted there

Admin Control Center Window

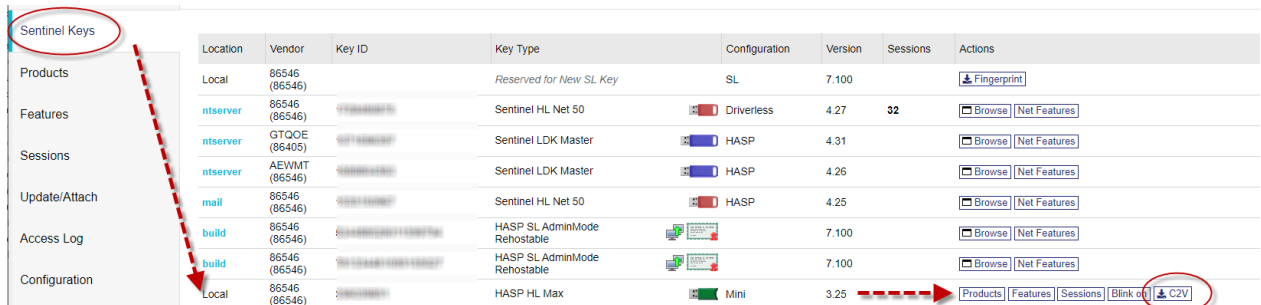
- See document *ROHR2install*

Required steps

1. Check the status of the option „Generate C2V file for HASP key“ in the *Configuration* menu and activate it, if required.

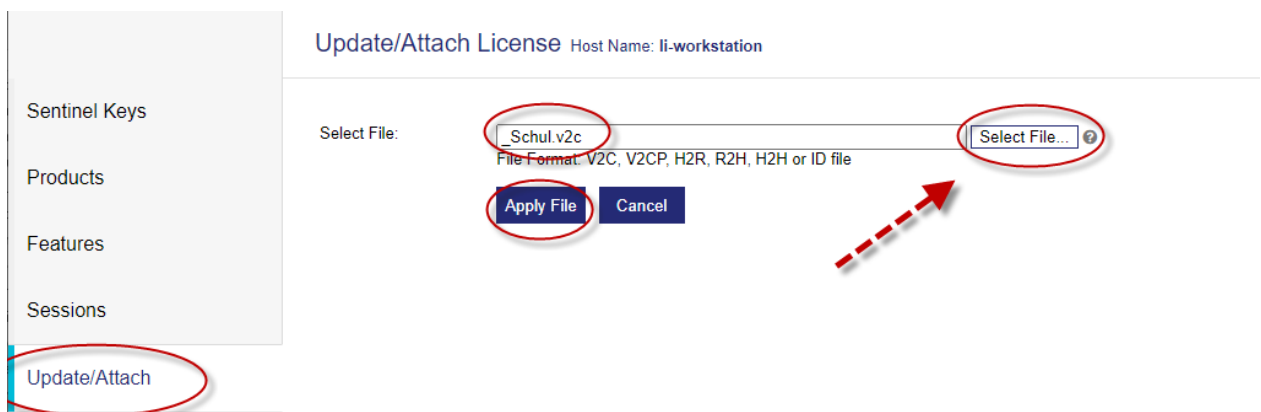
The screenshot shows the Admin Control Center Configuration window. The left sidebar has a menu with 'Configuration' circled in red. A red dashed arrow points from this menu item to the 'Generate C2V file for HASP key' checkbox in the main configuration area, which is also circled in red. The main configuration area includes options for remote access, password protection, display refresh time, table rows per page, idle timeout, and various log file settings. The 'Generate C2V file for HASP key' checkbox is checked. Below it, there is a note: 'Note: SL UserMode keys will not be visible if this option is selected.' At the bottom, there are 'Submit', 'Cancel', and 'Set Defaults' buttons.

2. Select the license key in the *Sentinel Keys* menu and create a license file by using the *C2V* button.



	Location	Vendor	Key ID	Key Type	Configuration	Version	Sessions	Actions
Products	Local	86546 (86546)		Reserved for New SL Key	SL	7.100		↓ Fingerprint
Features	ntserver	86546 (86546)		Sentinel HL Net 50	Driverless	4.27	32	Browse Net Features
	ntserver	GTOQE (86405)		Sentinel LDK Master	HASP	4.31		Browse Net Features
Sessions	ntserver	AEWMT (86546)		Sentinel LDK Master	HASP	4.26		Browse Net Features
Update/Attach	mail	86546 (86546)		Sentinel HL Net 50	HASP	4.25		Browse Net Features
Access Log	build	86546 (86546)		HASP SL AdminMode Rehostable		7.100		Browse Net Features
	build	86546 (86546)		HASP SL AdminMode Rehostable		7.100		Browse Net Features
Configuration	Local	86546 (86546)		HASP HL Max	Mini	3.25		Products Features Sessions Blink... ↓ C2V

3. This file will be downloaded in the browser and stored in the standard download directory of the internet browser.
4. Send this file in the format *.c2v by email to support@rohr2.de
5. You will receive a *.zip file containing a *.v2c file.
6. Select the *.v2c file in the menu *Update/Attach* using the *Choose file* and *Apply* commands



Update/Attach License Host Name: li-workstation

Select File:

File Format: V2C, V2CP, H2R, R2H, H2H or ID file

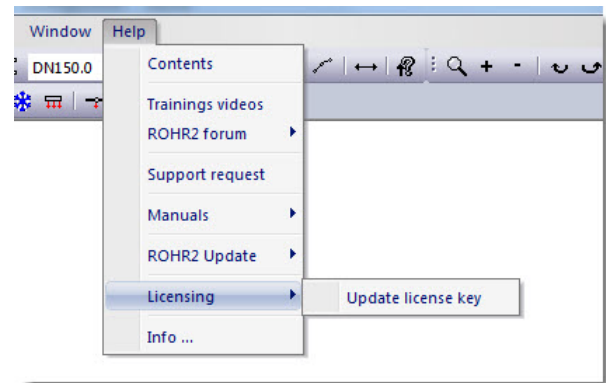
7. For confirmation purposes: generate a new license file following step 2 and send the new license data by email to support@rohr2.de.

3.2.3.4 Request a license key if the license is still running

The command *Update license key* enables to change the configuration of the ROHR2 license key, in case of single user licenses which have not expired.

Use the function
Help| Licensing | Update license key

The program module HLSCAN.EXE will be carried out. Execute the HLSCAN commands as shown above.



4 Administration of SL licenses

4.1 Rehosting of SL-licenses (license transfer)

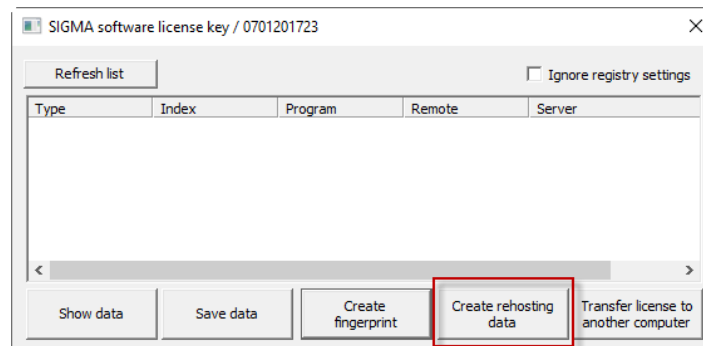
SL licenses are assigned to a specified server/VM by a fingerprint file

The rehosting process can be used to transfer the license to a different PC/VM

1. On the target computer (where the license is transferred to)
 - Download www.rohr2.de/public/slserversetup.zip
 - Unzip the files
 - run *SLServerSetup.exe*
2. Checking the Admin Control Center
 - Start <http://localhost:1947>
 - The key as shown below should be found in the list of Sentinel Key. If not, please contact support@rohr2.de.

Sentinel Keys									
Products	Location	Vendor	Key ID	Key Type	Configuration	Version	Sessions	Actions	
	Local	86546 (86546)		Reserved for New SL Key	SL	8.51			Fingerprint

3. Create a fingerprint on the target PC:
 - Download www.rohr2.de/public/slscan.zip
 - Copy the data from the *.zip file and unzip into a directory on the target computer
 - Start *SIScan.exe* in this directory
 - create a fingerprint file of the target computer by the command *Create rehosting data*



4. Type in a unique name for the fingerprint file and save this XML file
5. Copy the fingerprint file to the PC where the license is located
6. Start *SIScan.exe* on this PC (see 2.)
7. Select the command *Transfer license to another computer*
 - In the first dialog select the xml file which has been created on the target PC by *Create rehosting data* (see 2.)
 - In the 2nd dialog type a unique name for the new license file (.h2h)

Please note: the license is not shown in the Admin Control Center any more after this process:.. If the *.h2h file gets lost , the transfer process is terminated and the entire license is lost.
8. Copy the so created *.h2 file to the target PC
9. Start the Admin Control center by <http://localhost:1947> on the target PC
10. Carry out the command *Update/Attach* in the *OPTIONS* menu.
11. Open the *.h2h file by *Select file* and confirm by *Apply File..* After that the licenses will be listed in *Sentinel Keys*

4 - Administration of SL licenses

4.2 Borrow licenses

The process „Borrow licenses“ describes how to take a network license access/ user off the network for a specified time period.

The process is executed by means of the *Admin Control Center* (<http://localhost:1947>) on the server.

Activate Admin Control Center

It is required to activate the functions before using in the *Admin Control Center*:

- Go to the menu *Configuration and* carry out the command *Enable* in the register *Detachable Licenses*
- Confirm by *Submit*.

Sentinel Admin Control Center

Configuration Host Name: li-workstation

Basic Settings Users Access to Remote License Managers Access from Remote Clients Client Identities **Detachable Licenses** Network

On-Demand Detaching of Licenses

Enabled

Maximum Duration @ 14 days

Automatic Detaching of Licenses

Enabled

Allowed Offline Duration @ 2 hours

Common Detach Settings

Reserved Licenses @ 0 but at least 0 % of total licenses

Per Product Settings

End of the license

After the defined time period the licenses are transferred automatically to the main license. In this case no action is required.

For early return see 4.2.2.

4.2.1 Transferring a license to a client temporarily

4.2.1.1 Create the ID File of the client

- Start the *Admin Control Center* by <http://localhost:1947> on the client computer
- Select *Diagnostics* in the *Options* menu
- Create a file containing the system information by *Create ID File*

Sentinel Admin Control Center

Diagnostics Host Name: li-workstation

License Manager Version	25.2 Build 119314
Computer Name	li-workstation (PID:4112 on Win64)
Host Operating System	Windows 10 Enterprise Build 19042 Intel64 Family 6 Model 94 Stepping 3
LM Protocols	IPv4, IPv6 (TCP, UDP:1947) 192.168.0.135
Uptime	9 hours 39 minutes 25 seconds, local time 2022-01-24 15:45:31
Template Sets	_int_de.16.1.alp.es.16.1.alp.fr.16.1.alp.it.16.1.alp.ja.16.1.alp.ru.16.1.alp.zh-CN.16.1.alp
Current Template	English 16 (1 July 2021 Build 1)
Current Usage	0 logins, 0 sessions
Login Requests	5 (1 peak simultaneous logins)
Requests	110 local, 0 remote, 110 total
Data Volume	51,306,557 received, 14,596,303 transmitted
Errors	0 Key related, 0 in Transport
Client Threads	1 (11 peak), 7 req/sec, 0.1 ms 90th, 0% usage
Memory Used	9,125,350 (16,501 blocks)
Run-time	Run-time Installer 8.23 Run-time Package 8.23

- Type in a unique name for the fingerprint file and save this ID file

4.2.1.2 Remove the license from the server

- Start the Admin Control center by <http://localhost:1947> on the server
- Carry out *Update/Attach*, select the ID file, created in 4.2.1.1 and confirm by *Apply File*. This step needs to be executed only one time per client. If a license is transferred repeatedly, the selection of the file is not required any more.
- Go to *Products* menu
 Select the required license key
- Select *Detach/Extend* in the *Actions* column
- Select the Detach Method *Offline*

Detach Method:

Online Detach license from build and automatically attach it to li-workstation

Offline Detach license as an H2R file for use on the recipient machine selected below:

- Find the ID file of the client in the list *Recipient machines*. The list entry corresponds to the name of the ID file
- Insert the expiration date (*Specify Expiration Date for Detached License*):

4 - Administration of SL licenses

Expiration Date for Detached License:Day: Month: Year: ?Comment (optional):

- Click *Detach* to terminate the process. The license file will be stored

4.2.1.3 Transferring the license to the client

- Start the *Admin Control Center* by <http://localhost:1947> on the client computer
- Select the Update/Attach menu
- Browse to select the license file saved on the server before.
- Confirm by *Apply File*

After that the license is available on the client computer for the requested period of time.

4.2.2 Returning a borrowed license prematurely**End of the license**

After the defined time period the licenses are transferred automatically to the main license. In this case no action is required.

Early return

If it is necessary to terminate the borrowing of the license ahead of time, please follow the early return process as following:

- The client needs a network access to the server
- Start the *Admin Control Center* by <http://localhost:1947> on the client computer
- Carry out *Cancel License* in the *Products* menu and confirm

Sentinel Admin Control Center Help

Products Host Name: li-workstation

Filter by: Key: 1127367659796329803 | Vendor: 86546

Product Name	Vendor	Location	Actions
ROHR2	↔ 86546	Local	<input type="button" value="Cancel License"/> <input type="button" value="Features"/>

The license will be transferred to (added to) the network license, after which it will no longer be available on the client.

gemalto Sentinel Admin Control Center

Options Cancel Detached License (Sentinel License Manager on workstation_fr)

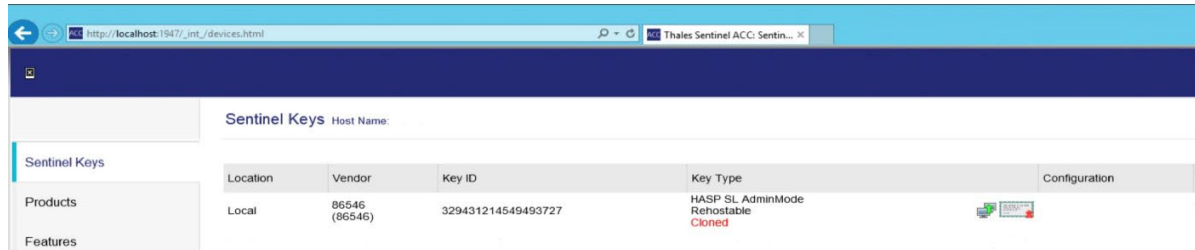
License Cancelled Successfully

Recipient Name	workstation_fr (online)
Product	ROHR2 (ID 81)
Vendor	86546 (ID 86546)
Sentinel Key ID	1062170376592408197

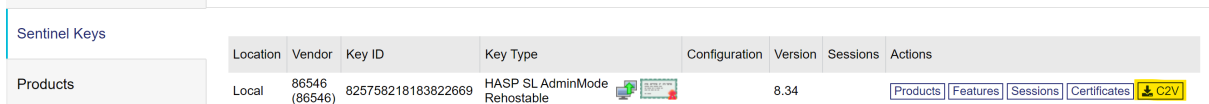
License successfully cancelled.

4.3 How to fix 'Cloned' – Status of a HASP SL AdminMode license

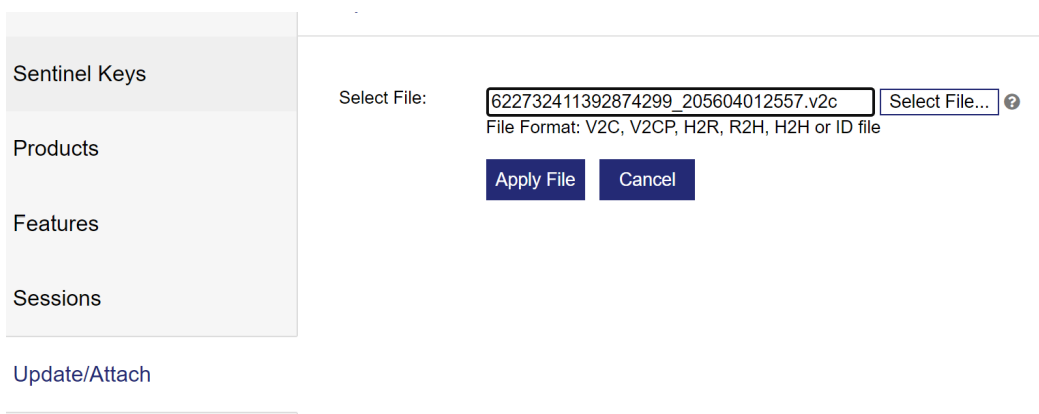
If you ever get the below status for a HASP SL AdminMode license you have to do the following steps to clear the state 'Cloned' or 'Disabled'



1. Open the *Admin Control Center* (<http://localhost:1947>) in an internet browser on the computer where the license is installed (license server)
2. Select the option **Sentinel Keys** in the menu on the left side of the window. Click on the button **C2V** in the list entry of the cloned key under **Actions**. A download of the file shall start immediately into the download directory of your browser.



3. Please send the file (*.c2v) by email to our customer support (support@rohr2.de)
4. Based on the information SIGMA will clear the license status for the license and send you a new license file via email.
5. Save the new license file (*.v2c) into a local directory on the server/pc where the license is installed (license server).
6. Open the *Admin Control Center* on the license server again (see 1.)
7. Select option **Update/Attach** in the menu on the left side of the window. Select the downloaded *.v2c file via **Select file...**
8. Click on **Apply File** to take over the change



5 Program details

5.1 Current program release

The release number of the current program release is published on www.rohr2.com. Please check the support area of the particular software product, e.g. ROHR2

The screenshot shows the ROHR2 website's 'Program version' page. The navigation menu includes HOME, ENGINEERING, ROHR2, SINETZ, PROBAD, TRAINING, SERVICE, and CONTACT. The page title is 'Program version'. The main content area features a section titled 'ROHR2 current program release' with a table containing the following information:

Program release	ROHR2 32.1, August 2017
Update delivery	06.09.2017: ROHR2 32.1 shipped to registered users
Update info	ROHR2 Update Info 32.1 Overview on changes and modifications of the latest program release.

Below the table, there is a section titled 'ROHR2 updates' with the following text:

The program system ROHR2 and additional modules are revised continuously. The current updates are delivered by the **built-in Internet update function**. Update requirements:

- the ROHR2 update function is not switched off, or is carried out manually
- a valid maintenance contract
- the ability to connect via Internet (https connection)

On the right side, there is a sidebar menu titled 'ROHR2' with the following items:

- ROHR2 basics
- ROHR2 features
- ROHR2 interfaces
- ROHR2 additional modules
- ROHR2 support
 - ROHR2 Update Service
 - Program version**
- ROHR2 verification
- ROHR2 User meeting 2020
- ROHR2 Viewer
- ROHR2 training

Changes and improvements in the current program release

For release information of the program modules see

- the text files in the program directories
- the info window of ROHR2 (function *Help| Info*) by double-clicking the program name
- www.rohr2.com in ROHR2/program release

5.2 Update and service releases

ROHR2, SINETZ and PROBAD software is updated via Internet by the internal command

- ROHR2: HELP| Update
- SINETZ: HELP| Update
- PROBAD HELP| Update PROBAD program modules

For additional details please refer to the manuals.

Updating the program

Major releases are not carried out by automatic update, e.g. the update from ROHR2 34.0 to 34.1 or PROBAD 2023 to PROBAD 2024 cannot be carried out by internet-update. In case of a release change it is required to install the program

5.3 Program modules

The ROHR2 program system can be expanded by additional programs or interfaces. Please contact the sales team for additional modules.

The license can be upgraded by the built in *Update license* function (see *command Help| Licensing| Update license*) if protected by a HASP type USB module.

5.4 ROHR2 Managing additional program modules



The ROHR2 program can be completed by additional modules. The number of licenses of additional modules may be different to the total number of users in the ROHR2 network license.

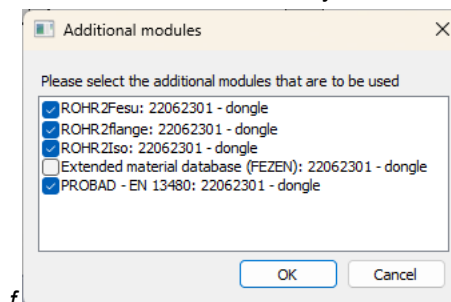
In ROHR2 33.0 and higher the access to the modules can be managed by the function *License management of additional modules* (Help menu > Licensing)

Administration of additional modules in ROHR2 network licenses refers to

- ROHR2fesu
- ROHR2flange
- ROHR2iso

If an additional module has been deselected it can be used by another program user in the ROHR2 network license.

After deactivation the program functions are not available any more.



The module can be used by another user in the network without restarting the program.