



ROHR2

Program System for Static and Dynamic Analysis of Complex
Piping and Skeletal Structures

ROHR2install

Installation, System Requirements

Release April 2021

SIGMA Ingenieurgesellschaft mbH

Contents of this document are subject to change without notice. The manual is protected by copyright. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without permission.

Specifications subject to change without notice.

All of the mentioned products and brand names are trademarks or indexed trademarks of the respective manufacturers.

Software-Support, German	++49 (0) 2303 332 33 33	support@rohr2.de
Software-Support, English	++49 (0) 2303 332 33 44	support@rohr2.de

Published by

SIGMA Ingenieurgesellschaft mbH
Bertha-von-Suttner-Allee 19
D-59423 Unna
Germany
Telephone +49 (0)2303 332 33-0
Telefax +49 (0)2303 332 33-50
E-mail: info@rohr2.de
Internet: www.rohr2.de www.rohr2.com

Contents

1	ROHR2 Installation Quick reference	1
2	Scope of delivery	2
2.1	ROHR2 License key	2
2.2	Documentation.....	2
3	Installation.....	3
3.1	Network license, Installation	3
3.1.1	Server installation	3
3.1.2	Installation on workstations.....	3
3.2	Single user license installation.....	4
3.2.1	Installation by command line (silent Installation).....	6
3.3	Uninstall ROHR2	7
3.4	Terminal Server/Remote Desktop.....	7
4	Administration of the HASP network license key	8
4.1	Admin Control Center	8
5	System requirements	9
6	User support, ROHR2/SINETZ board	10
7	License key access errors/Trouble shooting.....	11
7.1	Single user license.....	11
7.2	Network license	11
7.2.1	Server	11
7.2.2	Workstation PCs	12
7.3	Manual installation of the Sentinel Runtime Software.....	13
7.4	Checking a local connected license key using the Admin Control Center	13

1 ROHR2 Installation Quick reference

Question	Answer	links
What is included in the software package?	Program data download) license key program documentation	see <i>this document</i> , 2 and <i>ROHR2windocument</i>
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.	2.1, <i>this document</i>
Licensing without hardware keys (dongles) - is this available?	Yes, for network licenses	See ROHR2 license manual, chapter 4 (SL licenses)
How to install the program?	Run <i>Setup.exe</i> To start the installation from the or download directory The license key is not required for the installation of the program	3
Single user license – how to install?	Run <i>setup.exe</i> and follow the steps of the installation process	3.2
Network license- how to install?	Run <i>setup.exe</i> and follow the steps of the installation process	3.1
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.	<i>ROHR2license.pdf</i>
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.	<i>ROHR2license.pdf</i> <i>Manual ROHR2win</i>
My rental license is expiring - how to unlock?	Unlock by actualization process	<i>ROHR2license.pdf</i>



At first time installation of a network license do not plug in to the server not before driver installation has been finished!

2 Scope of delivery

The program system ROHR2 includes

1. ROHR2 program data by download
2. ROHR2 license key (USB dongle or Software license key)

2.1 ROHR2 License key

ROHR2 and additional programs are protected by a license key available as

- hardware license key (USB copy protection plug, HASP module, dongle).
- software license key

The software does not run without the license key. Installation can be carried out without license key, see *Activating the program license*, ROHR2license document.



HASP HL or
HASP Single user lic. (green)



HASP HL NET or
HASP Network license (red)



Software license (SL)
bound to particular computer
hardware
Network license only

Installation: see chapter 3.1, this
manual

Administration, see ROHR2
license manual

2.2 Documentation

The delivery includes a program documentation in English and German:

The program manuals are available in HTML format.

For an over view on the available documentation and details please refer to the ROHR2win manual.

The help documentation additionally can be accessed by a link in the ROHR2 program group.

3 Installation

If the current program version is to be preserved, the program directory has to be selected during installation. In other case the program data will be overwritten.

User defined supplements of the ROHR2WIN databases can be used in the newly installed program. In this case the data need to be copied manually.

Activation and operation of the program requires plugging the license key (dongle) into the PC or server (see also 2.1)



At first time **installation of a network license** do not plug in to the server **not before driver installation has been finished!**

The installation procedure can be carried out without activating the license and without license key. In this case, the license key is used for the first program start.

3.1 Network license, Installation

3.1.1 Server installation

SL licenses, new installation only

Install the SL license as shown in the *ROHR2license* document , chapter 4.2

SL licenses, USB license keys

Installation of a network license.

- The SENTINEL Runtime package must be installed on the server.
- Administrator rights are required for server access.

Please verify that port 1947 TCP/UDP is not locked.



- Download <http://www.rohr2.de/public/haspusersetup.zip>
- Unzip the file
- Install the driver by running `HASPUserSetup.exe`

USB license key only: Connect the HASP license key to the computer

3.1.2 Installation on workstations

The installation procedure on the workstations is similar to the installation of a single user license (see below). Please verify that port 1947 TCP/UDP is not locked.

3.2 Single user license installation

Start the program installation running the installation file

Setup.exe

e.g. r2_321_setup.exe, from the installation directory (CD or download)

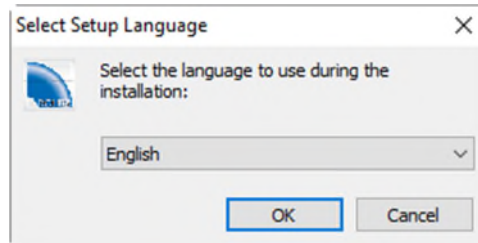
The setup program installs the program files into the selected ROHR2 main directory.
The SENTINEL Runtime package will be installed.

The program icons will be placed in a program group.

The installation of a network license requires a network connection to the license server and the installation of this server program before (see above).

The installation will be carried by the following steps:

Select the language of the installation

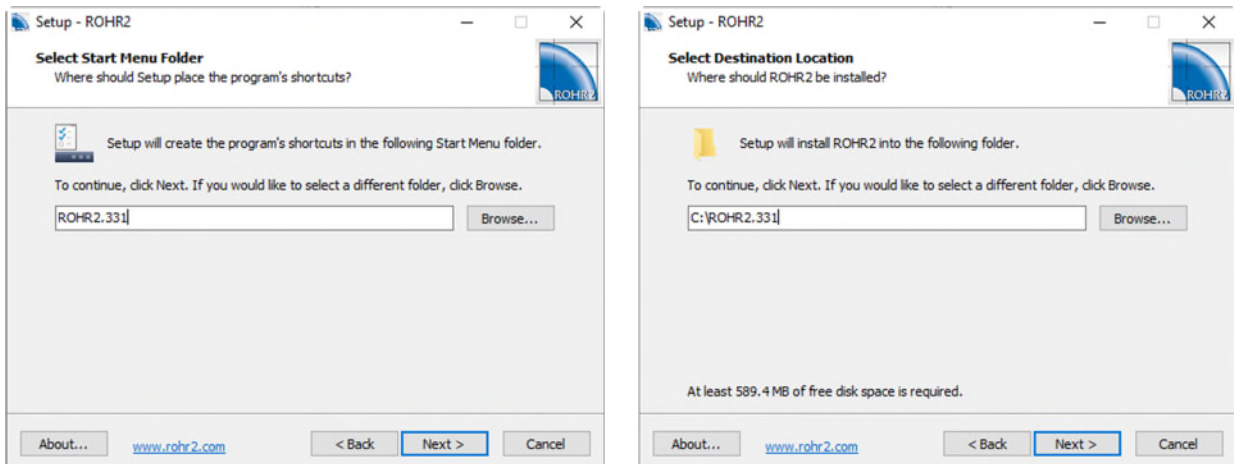


Starting the setup assistant



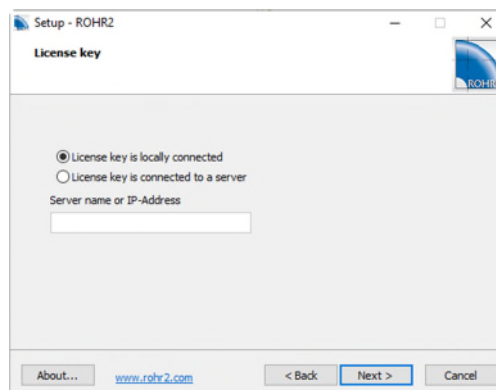
Installation directory

Select the directory to store the program files and the program group.
If ROHR2 is available on the PC it can be upgraded. In this case a warning message occurs.



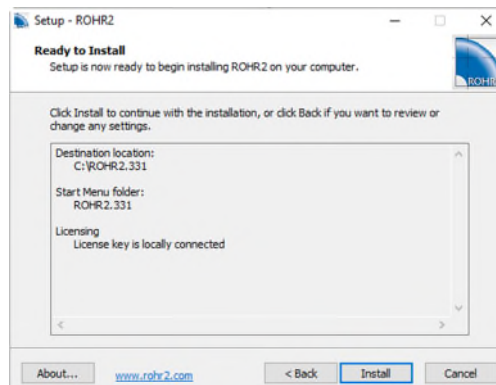
License key

Select if the license key is plugged-in locally or in the network.
For a network license, the IP address/ name of the license server must be entered.



Ready to install

List the installation parameters which can be modified using the *Back* button.

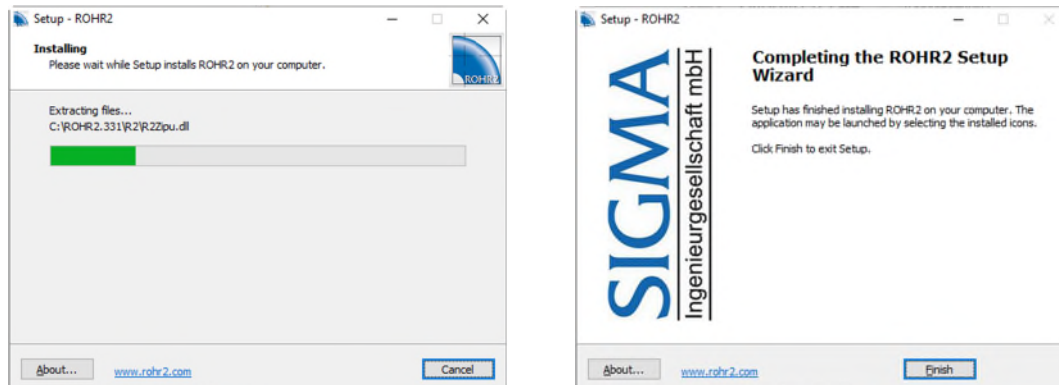


3 - Installation

Installation process

The install command starts the installation.

A warning message occurs if an outdated license key driver software exists and need to be replaced. Renewing the driver is useful to avoid problems running the ROHR2 license key. If there are additional software products using this driver software the replacement may cause conflicts and need to be checked before.



A program group ROHR2 is created in START |PROGRAMS. The programs can be accessed here.

License activation

The program license is activated at the first program start after installation, see *Activating the program license*, ROHR2license document for details. It is required to plug in the license key.

The program license is activated at the first program start after installation. The activation process checks the right to use the current program release and is carried out via internet connection. For details please refer to the chapter *Activating the program license* in the document *ROHR2license*. It is required to plug in the license key.

3.2.1 Installation by command line (silent Installation)

The ROHR2 setup program offers various parameters to carry out a program installation by command line without additional user settings:

<code>/silent</code>	Automatic installation, the status window is shown
<code>/verysilent</code>	Automatic installation, without showing the status window
<code>/dir=[Installationsverzeichnis]</code>	Installation directory to be defined manually. If the directory input is missing, the standard installation directory is used.
<code>/IP=[Servername/-adresse]</code>	Network license only: enter the name or IP-address of the server where the license key is plugged into.

3.3 Uninstall ROHR2

Uninstall the programs by the Windows Control Panel.

3.4 Terminal Server/Remote Desktop

The program can be executed on a Terminal server system (e.g. Citrix) or Remote desktop , if the selected terminal server solution meets the requirements of the Sentinel runtime software (see system requirements, 5).

Generally a terminal server solution is restricted to ROHR2/SINETZ network licenses.

4 Administration of the HASP network license key

4.1 Admin Control Center

Supervising and controlling the access to the network license key by means of the admin control center, provided by the supplier of the license keys, GEMALTO / SENTINEL.

The web interface of the admin control center is shown in the internet browser using port 1947. Type in *localhost:1947* in the internet browser to show the admin control center on a local workstation.

gemalto Sentinel Admin Control Center

Options

- Sentinel Keys
- Products
- Features
- Sessions
- Update/Attach
- Access Log
- Configuration
- Diagnostics
- Help
- About

Admin Control Center Help

Welcome to the Admin Control Center. This application enables you to manage access to software licenses and Features, to control detachable licenses, to control sessions, and to diagnose problems.

Note: You can select the language in which Admin Control Center is displayed by clicking the country flag appropriate to the required language (displayed at the bottom of the **Options** pane). To view all available languages, or to download other language packs, click the [More Languages](#) link.

The Admin Control Center enables you to monitor the following:

- All the Sentinel protection keys that are currently available on the network server, including their identity, type, and location
- The number of users currently logged in to a protection key, and the maximum number of users allowed to be simultaneously logged into that specific key
- The Features to which each protection key allows access, and any restrictions that apply to the Feature
- The users who are currently logged into a specific protection key, including detailed login information

Note: SL UserMode keys are only displayed for the local machine. SL UserMode keys are not displayed when the [configuration](#) parameter **Do Not Load hasplmv.exe** is selected.

You can perform actions, such as:

- Detaching a license from the network and attaching it to your machine or a different recipient machine
- Cancelling a detachable license prematurely
- Installing an update to a license on a key that is visible in Admin Control Center

You can make basic configuration changes, including:

- Setting the display refresh time
- Configuring access permissions from a client machine to a remote server, and configuring a server to allow it to be remotely accessed
- Defining values for Products with detachable licenses

The Diagnostics page enables you to view system information related to the current Sentinel License Manager, and to generate reports.

Related Topics

- [More Languages](#)
- [Sentinel Keys](#)
- [Products](#)
- [Features](#)
- [Sessions](#)
- [Update/Attach](#)
- [Detach License](#)
- [Cancel Detached License](#)
- [Access Log](#)
- [Configuration](#)
- [Diagnostics](#)

Copyright © 2017 SafeNet. All rights reserved. Revision 1709-2

The register *Sentinel Keys* displays all license keys which are plugged-in or part of the network. Current logins are shown in the register *Sessions*.

e.g.

Sessions on FR-V430

ID	Key	Location	Product	Feature	Address	User	Machine	Login Time	Timeout	Actions
00000008	257817095	Local	81 ROHR2	81 ROHR2-Statik+Dynamik	Local	Frankholz	FR-V430:5632	Mon Nov 18, 09:10:31	11:48:29	Disconnect

Use the Help function of the admin control center for additional commands.

5 System requirements

Basically the requirements of the Sentinel runtime software need to be fulfilled which can be downloaded here:

www.rohr2.de/public/sentinel_readme.html

The system requirements of all ROHR2 program versions are as following:

System requirements of single user licenses and PC-workstations in the network

- PC with min. 8 GB RAM
- Windows 10, Windows 8.1 (64-bit)
- Screen resolution minimum 1600 x 900 pixels
- USB port (not in case of SL Licenses)
- Connection via Internet for activation of the program license *) and program updates
- .NET Framework 4.5
- OpenGL 3.2

*) Activation by phone/email or internet

System requirements of the network server

In addition to the requirements for single user licenses:

- Installation of the HASP license manager on a Server PC accessible by all users in the network
- Windows 10, Windows 8.1, Windows Server 2012 R2/2016/2019 (64-bit)

In case of integrating ROHR2 into company-wide or country-wide networks (WAN) please contact us.

6 User support, ROHR2/SINETZ board

All software commands are documented in the user manual and in the program online help, see *Online help* and *Program documentation*.

Additional information sources are available

- the user support providing advice on installation and application of the program (hotline-service) on workdays (Mondays to Fridays) from 9.00 - 16.00 (Central European Time).
- in the internet, e.g. ROHR2 forum (ROHR2 board) see *Help menu*

User support by email

An email function, integrated in to ROHR2win enables to transmit program data directly (see menu *Help /Support request*)

User support address

SIGMA Ingenieurgesellschaft mbH
Dept. Program-Support
Bertha-von-Suttner-Allee 19
D-59423 Unna
Germany

Telephone and email

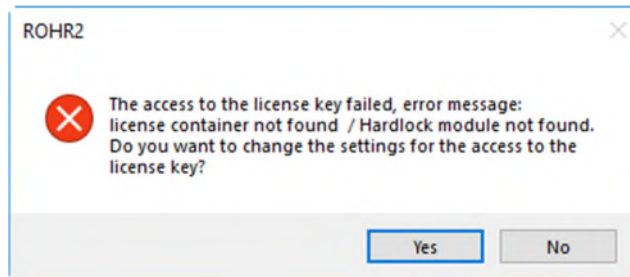
Software-Support, German	++49 (0) 2303 332 33 33	support@rohr2.de
Software-Support, English	++49 (0) 2303 332 33 44	support@rohr2.de

Internet

www.rohr2.de www.rohr2.com

7 License key access errors/Trouble shooting

If the access to the license key fails when starting the program, („The access to the license key failed“) please check the following:



7.1 Single user license

1. Does the LED of the license key glow?
If the LED does not shine there is a problem with the drivers installation. In this case carry out the manual installation of the Sentinel Runtime Software according to 7.3.
2. Check the availability of the license key in the *Admin Control Center*, see 7.4.
3. In case of Remote Desktop or Terminal Server access:
Remote access does not work with single user licenses, a network license is required.

If the upper mentioned checks do not show the reason for the error and the license is still not accessible, please contact our support team: support@rohr2.de

7.2 Network license

7.2.1 Server

Check the availability of the network license key at the server where it is plugged in.

1. Does the LED of the license key glow?
If the LED does not shine there is a problem with the drivers installation. In this case carry out the manual installation of the Sentinel Runtime Software according to 7.3.
2. Check the availability of the license key in the *Admin Control Center*, see 7.4..
3. Check if port **1947 UDP/TCP**, to be used for the communication between the workstations, is not blocked by a firewall or others.

7.2.2 Workstation PCs

1. Check the Windows Registry parameters (start *regedit.exe*)
HKEY_CURRENT_USER\Software\SIGMA\Server
 Here the name or the IP-Address of the server where the license key is plugged-in needs to be registered correctly.
 If not, please add or correct the server name or the correct IP-address. Several names/addresses can be entered, separated by a colon (comma) “,”
2. Check if the license key at the server is shown in the *Admin Control Center* running on the workstation PC.

- Workstation PC: start in the internet browser:

<http://localhost:1947>.

to run the *Admin Control Center* . If this page is not shown there is a problem with the Sentinel Runtime Software. In this case carry out the manual installation of the Sentinel Runtime Software according to 7.3.

- *Admin Control Center*: use the *Configuration* (menu on the left margin) to check if the name or IP-address of the license server is registered correctly in the field *Access to Remote License Managers* . If it is not registered correctly, please add or correct the server name/ IP-address and confirm using the *SUBMIT* command. Please wait a few minutes until the process has been finished..

- *Admin Control Center*: The menu *Sentinel Keys* (menu on the left margin) shows the list of available license keys. SIGMA license keys are labelled with Vendor-ID 86546 (ROHR2/SINETZ) or 86405 (PROBAD) at the server (*Location*) should be visible.

If the license key is not visible a network problem occurred.

Check the general availability of the workstation PC in the network , e.g. by using PING command (ping) and check if the Port 1947 UDP/TCP, to be used for communication between workstations, is not blocked by a firewall etc.



If the checks don't lead to a result and the license key is still not available the next steps require to submit a report from the *Admin Control Center* to our technical support team.

Create a report in *Admin Control Center* using the commands *Diagnostics* and *Generate Report*, add an error description and send it to support@rohr2.de

Version	Sessions	Actions
4.26	-	<input type="checkbox"/> Browse <input type="button" value="Net Features"/>
4.31	-	<input type="checkbox"/> Browse <input type="button" value="Net Features"/>
4.25	6	<input type="checkbox"/> Browse <input type="button" value="Net Features"/>
4.25	-	<input type="checkbox"/> Browse <input type="button" value="Net Features"/>
4.25	-	<input type="checkbox"/> Browse <input type="button" value="Net Features"/>
3.25	-	<input type="checkbox"/> Browse <input type="button" value="Net Features"/>

3. In case of Remote Desktop, Terminal Server or any other remote access:
 A so called “TS option” need to be enabled o the license key: check if this option is active on your license key as following
 - *Admin Control Center* command *Sentinel Keys* (menu on the left margin) show the list of accessible license keys:
 - Select SIGMA license keys and use the command *Net Features*
 - If the license key has been prepared for remote access operations, the entry shows *Access „Loc Net Display“*.

If the term „Display“, is missing, the remote access feature is not active at this license key..
Contact the support team in this case: support@rohr2.de,

Location	Access	
 sigma-int	Loc Net Display	Remote: YES
 sigma-int	Loc Net	Remote: NO

If the checks above do not lead to appositve result and the access to the license key is still not available at program start please contact the support team support@rohr2.de.

7.3 Manual installation of the Sentinel Runtime Software

1. Remove the USB license key
2. Download the drivers from www.rohr2.de/public/hldriver.zip
3. Copy the data from the downloaded *.zip file to a directory on the PC, where the license key will be plugged in
4. Start hldriver.bat from the directory. At first possibly existing old drivers will be remove. After that a new driver will be installed. This process may last a few minutes. After successful installation the program version will be displayed.
5. Connect the USB license key to the PC and wait until the USB plug has been checked by Windows.

7.4 Checking a local connected license key using the Admin Control Center

1. Start the internet browser and type in:
<http://localhost:1947>.
to run the *Admin Control Center*
If this page is not shown there is a problem with the Sentinel Runtime Software. In this case carry out the manual installation of the Sentinel Runtime Software according to 7.3.
2. Show the list of available license keys in the *Admin Control Center* by the command *Sentinel Keys* (menu on left margin). The SIGMA license key(s), Vendor-ID 86546 (ROHR2/SINETZ) or 86405 (PROBAD) must be shown.
3. If the license key is not shown here though it is
 - plugged in
 - the LED is glowing
 maybe a problem with the Sentinel Runtime Software occurred . A solution may be the manual installation of the Sentinel Runtime Software according to 7.3.
If this does not solve the problem, please submit the report *Admin Control Center* to the technical support team. Create a report in *Admin Control Center* using the commands *Diagnostics* and *Generate Report* , add an error description and send it to support@rohr2.de