



1 Requirements

System Requirements:

The minimum system requirements for the operation of SILworX can be found on the Installation DVD. Especially with large projects, old PC hardware can lead to prolonged processing time and therefore can be inapplicable.

HIMA recommends the use of state of the art PC hardware. Enhanced PC hardware properties like processing power, multicore processors or RAM will result in improved performance.

Installation Notes:

- Do **not** install the current SILworX version over an existing SILworX version. Install the current version in a new directory.
- Administrator rights are required to install SILworX.
- The language can be set while installing SILworX. After the installation process is completed, choose the **Language Selection** function from the **Extras** menu to switch to another language.
- Opening projects created with a previous SILworX version automatically converts them to the current SILworX version. The conversion cannot be undone!
If the previous version of a project is still required, backup the project prior to converting it.
- The license conditions associated with the product are accepted with the installation of this software product.
- Read the latest release notes for this version of SILworX. You can find the release notes on the DVD.



2 Installing SILworX

Before installing SILworX read the associated release notes. They include changes to the current over the previous software version, as well compatibility considerations and restrictions.

To maintain the safety and availability of a controller programmed with SILworX, the restrictions described in the release notes must be observed!

To install SILworX proceed as follows:

- Step 1:** Insert the HIMA DVD into the DVD drive. If the application does not start automatically, open the **Index.htm** file located in the **..\ENGLISH** directory. Confirm the execution of the installation routine and follow the instructions on the screen.
- Step 2:** Choose **Products, SILworX, Installation** from the DVD menu.
- Step 3:** Start the installation. Click **Apply** to confirm the execution of the installation routine and follow the instructions on the screen.



3 SILworX Licensing

An unrestricted full version of SILworX must be activated (licensed). If the installation is not licensed, SILworX automatically starts in DEMO mode and imposes the following restrictions:

- Special demo data format.
Projects or archives created in DEMO mode cannot be edited with a licensed version.
- Code generation is not supported.
- Online features are not supported.

The same installation is used for all the SILworX product variants. The different variants are activated using the license activation.

3.1 License Variants

SILworX is available with the following license variants:

- Full License:
All HIMatrix and HIMax® Systems are available.
- HIMatrix License:
All systems of the HIMatrix F and HIMatrix M series incl. Remote I/Os are available.
- Maintenance License:
SILworX can be used as a diagnostic tool for all HIMatrix and HIMax systems. Access to project data is only possible with read permission. The PES access rights correspond to the settings in the user management.

Note:

License options, such as the C-Code Function Block Option must be ordered in addition to a SILworX license.



3.2 License Types

SILworX licenses are bound to hardware, with a distinction between two types of licenses:

1. Hardlock license

A portable USB stick (hardlock) that can be used on various PADTs is included within the scope of delivery.

The USB stick is already furnished with the matching activation file, which is stored in the *Root/Olicense* directory. The license is automatically activated when SILworX is started.

Note:

The hardlock can also be used to store data. PC virus protection must be ensured if the USB stick is used on multiple PCs.

2. Softlock license

Each ordered SILworX license is associated with a license number, which is specified on the delivery note or invoice. The hardware specifications and this license number are needed to obtain a license activation for a dedicated PC (see chapter 3.5 License Request).

The softlock license is bound to the main board and to the Windows partition ID.

Note:

The softlock license expires if the Windows start partition is changed, or the main board is replaced. Please contact HIMA support to renew the softlock license.

3.3 License Upgrade to new SILworX Versions

Order an upgrade to change to the latest version of SILworX. Please submit the existing license number with your order. You then get the installation DVD and can request a one-time activation for the new SILworX version.



3.4 Activation of License Options

License options, such as the C-Code Function Block Option must be ordered in addition to a SILworX license. Please submit the existing license number with your order. You then get the installation DVD and can request a one-time activation for the SILworX version incl. the license options.

3.5 License Request

- Step 1:** *Only required for upgrading a hardlock license:*
Unplug all the USB sticks and other USB devices. Plug the hardlock which you want to activate into an available USB port and wait until the driver is installed. Close all transitional Windows dialog boxes.
- Step 2:** Start SILworX. With no license activation, **DEMO License** is displayed in the SILworX title bar.
- Step 3:** Click **?**, **License Management**, **Request License**. The *Create License Details* dialog box appears.
- Step 4:** In the *License no.* field, enter the six-digit license number (specified on the delivery note or invoice) and in the *E-mail* field, enter the e-mail address to which the activation file should be sent. These two fields are mandatory.
- Step 5:** Enter the user-specific address details in the *Address* field. This information simplifies the handling and accelerates the process. Your address details will be stored in the activation file.

**Step 6:**

Click **OK** and choose a directory with appropriate access permissions. Do not change the file name.

Step 7:

Save the *silworx_lic_request_<license number>.olciml* file containing the hardware ID.

If a hardlock was connected in Step 1, the hardlock ID will be saved instead of the computer ID.

Step 8:

Send the created file via e-mail to:

silworx.registration@hima.com. Ensure that no additional files are attached to this e-mail.

In response, an e-mail is sent containing the *<license number>.olixml* activation file.

Step 9:

Create a backup of the activation file and store it in a secure place. If required, it is thus possible to perform the activation procedure again.



3.6 License Activation

Note:

A current activation file can be read-in in SILworX version V4 and newer. If you continue to use older versions of SILworX (V2, V3) utilize the already existing activation.

Step 1:

Only required for upgrading a hardlock license:

Unplug all the USB sticks and other USB devices. Plug the hardlock which you want to activate into an available USB port and wait until the driver is installed. Close all transitional Windows dialog boxes.

Make a backup of the activation file *<license number>.olixml* found in the directory *...\OLicense* of the USB stick, in case you need it in the future. Remove the file *<license number>.olixml* from the USB stick.

Step 2:

Start SILworX. With no license activation, **DEMO License** is displayed on the SILworX title bar.

Step 3:

Click **?**, **License Management**, **License Activation** and open the *<license number>.olixml* activation file. SILworX copies the activation file to the PADT and activates the license.

If a hardlock was connected in Step 1, the activation file is not copied to the PADT, but to the hardlock.

Step 4:

Check the latest messages displayed in the SILworX logbook.

Activation successful: If the license was activated successfully, the following message is displayed in the logbook: *Info - License check succeeded.*

Activation unsuccessful: If the license activation failed, the following messages are displayed in the logbook: *Warning - License check has failed!* and *Warning - DEMO license active.* Restart SILworX and repeat the activation procedure as described. If the problem persists, contact the HIMA support and make sure you have the license number at hand.



3.7 Checking the Activated License (optional)

Step 1:

To perform the license check is for a hardlock:
Plug the hardlock into an available USB port and wait until the driver is completely installed. Close all transitional Windows dialog boxes.

Step 2:

Start SILworX and check the title bar.

- If no license is available, the title bar displays *SILworX -- DEMO License --*.
- If a license is available, the title bar displays either *SILworX*, or *SILworX – Maintenance License --*.

Step 3:

Click the **?**, **About SILworX** menu function. The *About SILworX* dialog box provides detailed information on the computer and licenses.

4 Support

If problems occur during installation or license activation, please contact HIMA support.

The HIMA hotline is free of charge and available from Monday to Friday, 8.30 am – 4.00 pm (CET/CEST).

Phone: ++49 6202 709-185
 ++49 6202 709-255

Fax: ++49 6202 709-199

E-mail: support@hima.com