MOVIKIT® Licensing Check:
Controller Level

Step-by-step instruction to check a controller's licenses

Contents

1 Preparation

1.1 Preparation of PC-software and drivers

Download and install the latest version of MOVISUITE®. At least version MOVISUITE® 2.10.52.0 is required for all available MOVIKIT® modules. You can download the most recent MOVISUITE software from the SEW-EURODRIVE website.

1.2 Check the installed MOVISUITE® version and module package

Click button .

Click button "Program information" to check the installed version and module package. It could take a short time until the module package appears.

1.3 Communication Interface

To communicate to the devices e.g. an USB-CAN Adapter USM21A needs to be used.

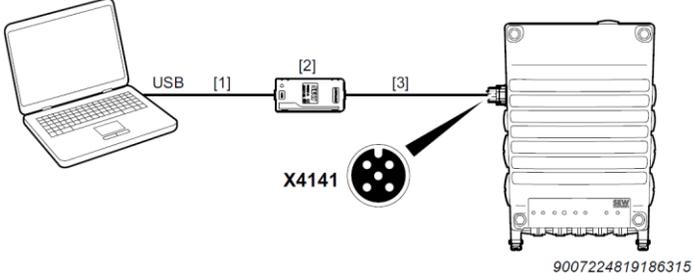The driver for USM21A adapter is already installed with MOVISUITE®.

| Adapter	
SEW part number	**28231449**
Included items	USM21A communication adapter USB connection cable 1.5m, USB-A -> USB-B, 08186804 RJ10 connection cable 3.0m, RJ10 -> RJ10, 08146993

Decentralized Drives: Connection to X31

Adapter	 *9007224818777355* [1] USB 2.0 connection cable (commercial, included in the delivery of USM21A) [2] Interface adapter USM21A [3] RJ10/RJ10 connection cable (included in the delivery of the USM21A interface adapter)
SEW part number	**28231449**

Included items	USM21A interface adapter
	The follow ing connection cables are included in the delivery:
	• USB 2.0 connection cable
	    – USB type A/USB type B,
	    – Length: 1.5 m
	• RJ10/RJ10 connection cable
	    For connection to the engineering interface X31
	    – With 2 RJ10 plug connectors
	    – Length: 3 m

## Decentralized Drives: Connection to X4141

Adapter	
	[1] USB 2.0 connection cable (commercial, included in the delivery of USM21A) [2] Interface adapter USM21A [3] Connection cable RJ10/M12
SEW part numbers	**28231449** **28139038** **28258185**
Included items	Connection cable RJ10/M12 For connection to the engineering interface X4142 　• With RJ10 plug connector 　• With M12 plug connector, 5-pin, male, B-coded 　• Length: 3 m Retrofit set M12 engineering interface X4141

Centralized Drive / Cabinet Inverter: Connection to X32
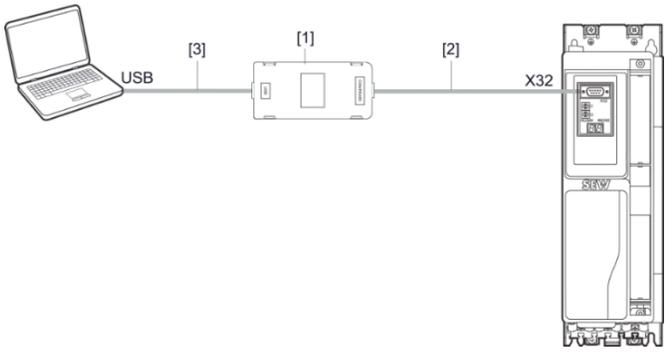
Adapter	
SEW part numbers	**[1]/[3] 28231449** **[2] 18123864**
Included items	[2] Connection cable RJ10/D-Sub plug connector For connection to the engineering interface X32 　• With RJ10 plug connector 　• With D-Sub plug connector

Centralized Drive / Cabinet Inverter: Connection to the CBG keypad
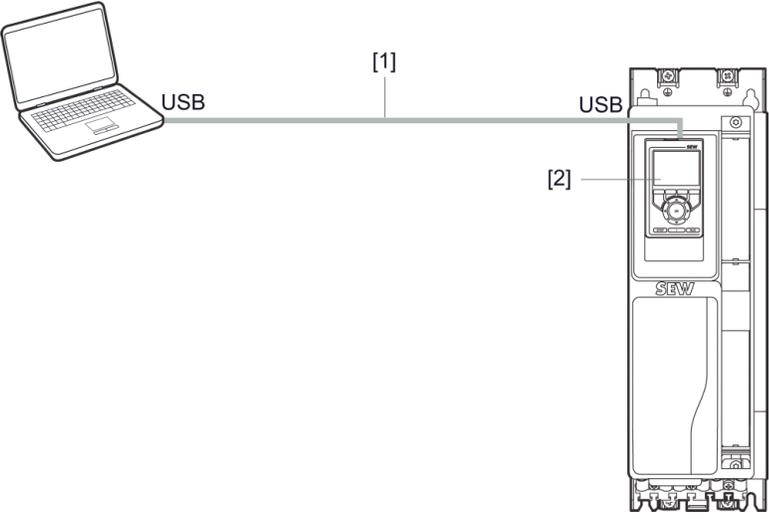
Adapter	
SEW part numbers	-
Included items	Connection cable USB type A – USB Mini B For connection to the CBG11A/CBG21A/CBG22A

Other connection possibilities such as via MOVI-C CONTROLLER, EtherCAT or engineering via fieldbus can be used as well. Additional hardware could be required.

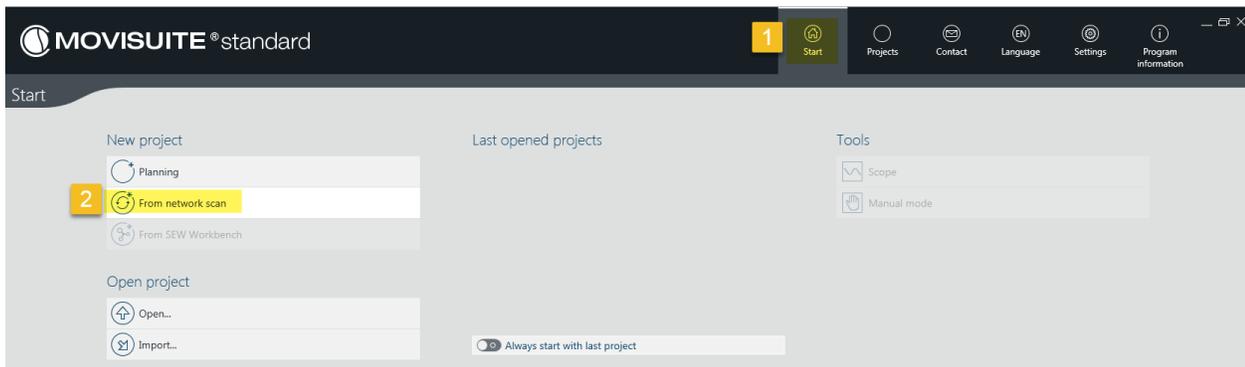The used inverter or decentralized drive needs to be powered by 380-500V mains voltage or 24 VDC auxiliary power.

2   Connect to the inverter via MOVISUITE® and check application level

2.1 Start the MOVISUITE® software

2.2 Configure communication port

Please make sure that your computer and the used Ethernet port of the SEW device is in the same IP address range.

(1)   Click button "Start" in the toolbar.

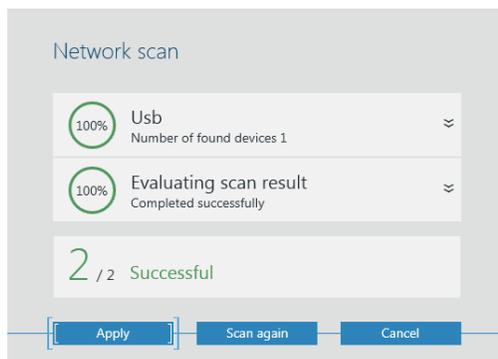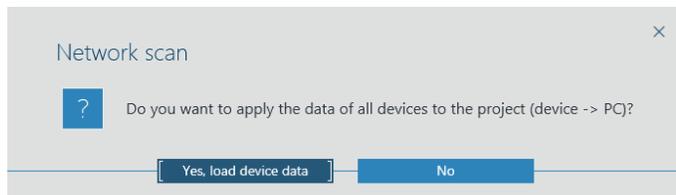(2)   Click button "From network scan".

2.3 Scan the device
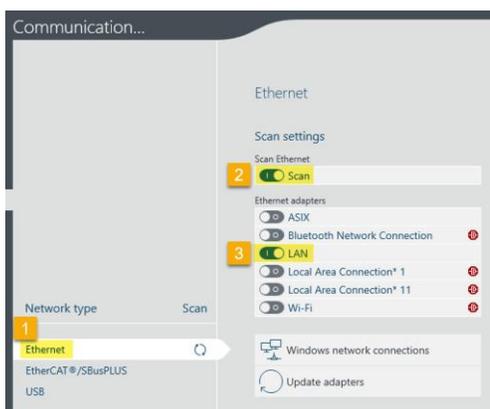
(1)   Select the communication "Ethernet".

(2)   Select "Scan Ethernet".

(3)   Select the network adapter connected to the MOVI-C® CONTROLLER – in this case "LAN".

Click button **Apply and start scan** on the bottom of the screen.

If the network scan was successful, a similar information pops up:

Click button "Apply".

Click button "Yes, load device data".

3 Checking process

3.1 Checking the license in the License Manager in MOVISUITE®

Start under "Tools" the software module "License Manager".

3.2 Get SMID number from MOVI-C® CONTROLLER memory card

There are several possibilities to get the SMID number:

- Check the label of your memory card.

- Within MOVISUITE® configuration menu, index 8438.104.
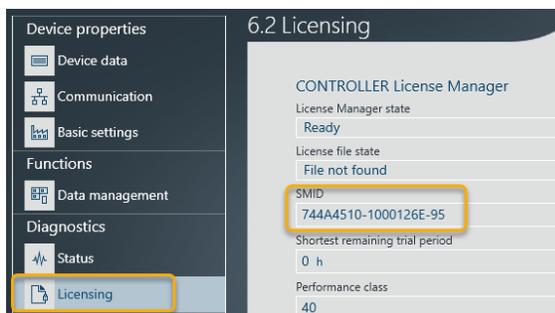
- Within MOVISUITE® License Manager, click on the SMID number to copy the number to the clipboard.
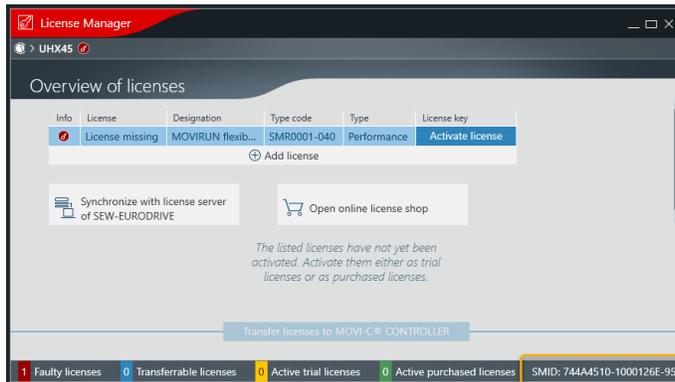
3.3 Access the license tool on the SEW-EURODRIVE website

3.3.1 Go to SEW's website

Go to SEW's website → licensing: Online Support | SEW-EURODRIVE (seweurodrive.com).

(1) Click "Online Support".
(2) Click "Startup & maintenance".
(3) Click "Check & activate software licenses".
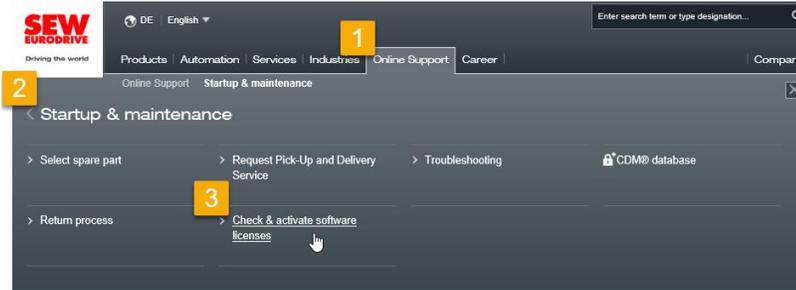
3.3.2 Search to see what licenses are active on the SEW-EURODRIVE website

Click on the "Request" header and use either the SMID number or the license key to search.

(1)   Click on the "Request" header
(2a)   Enter your SMID number of your device under "Hardware ID" if you want to know what licenses are on your device.

OR

(2b)   Enter the license key from your MOVISUITE project. It can be found in the license manager. You will be able to see which devices are associated with the license key you entered.
(3)   Click on "Request" to see desired information.

You see the license information in the result box.

Example for 2a

OR

Example for 2b