MOVI-C® Software License Upgrade

Step-by-step instructions to upgrade a drive's application level

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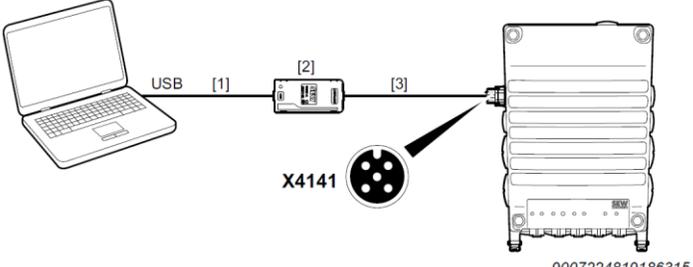The driver for USM21A adapter is already installed with MOVISUITE®.

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 following 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 X4142

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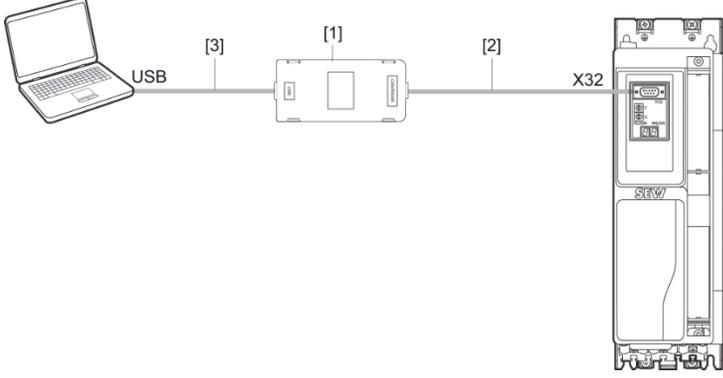
Adapter	
SEW part numbers	**[1]/[3] 28231449**
	[2] 18123864
Included items	[2] Connection cable RJ10/D-Sub plug connector
	For connection to the engineering interface X32
	• With RJ10 plug connector

	• With D-Sub plug connector

Centralized Drive / Cabinet Inverter: Connection to the CBG keypad

Adapter	
SEW part numbers	
Included items	[2] Connection cable USB A-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.
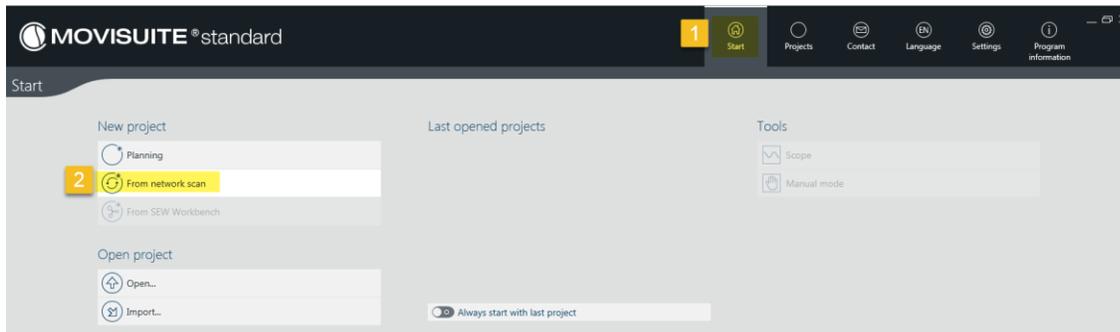
2 Connect to the inverter via MOVISUITE® and check application level

2.1 Start the MOVISUITE® software
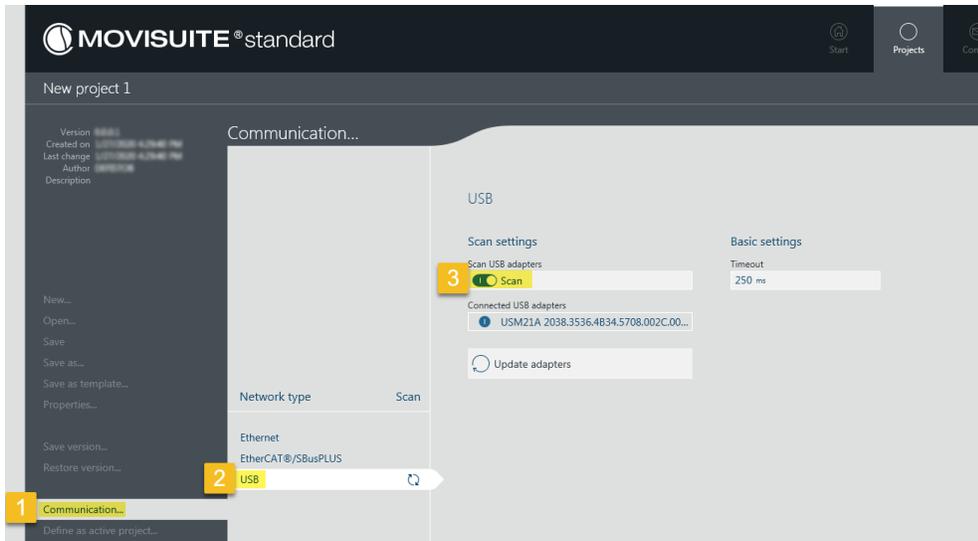

2.2 Configure communication port

Please make sure that the communication adapter is connected to an USB port of the PC **BEFORE** MOVISUITE® is started.

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

(2) Click button "From network scan".

2.3 Scan the device

In this example, the connection between the device and the PC is set up with the USM adapter. This also works with other connection types.

(1) Select the communication "USB".

(2) Select the USB adapter. If you can't see USM21A as a connected USB adapter please check the connection of the USM21A to the SEW device and the connection of the USM21A to your PC.

(3) Select SCAN.

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

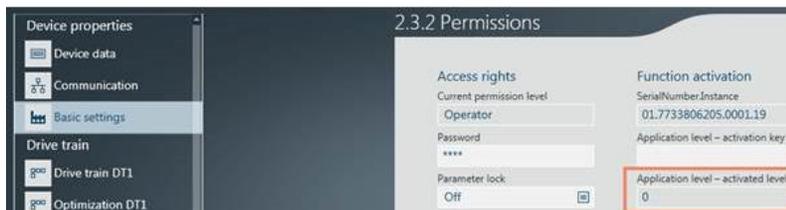If the network scan was successful, a similar information pops up:
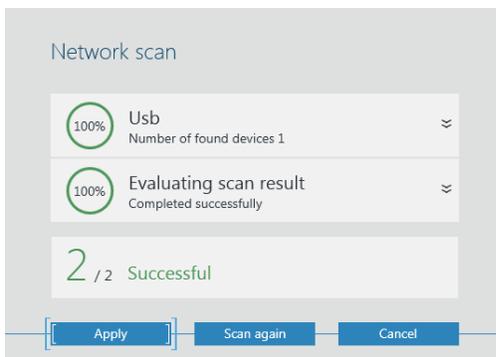
Click button "Apply".
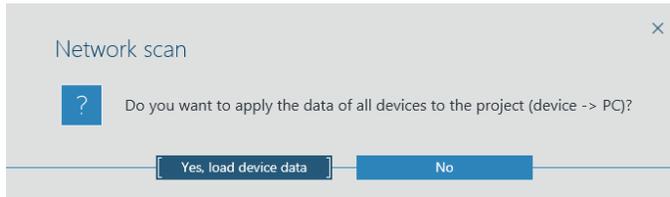
Click button "Yes, load device date".

3 Update process

3.1 Check the activated application level of the drive

To check the activated application level, please check index 8438.2 in the permission settings.

Available application levels:
    0: MOVIKIT® Velocity Drive
    1: MOVIKIT® from application level 0
       MOVIKIT® Positioning Drive
       MOVIKIT® RapidCreepPositioning Drive
    2: MOVIKIT® from application level 1
       MOVIKIT® customized

3.2 Order the software license to upgrade the application level

Depending on the requirements of your application, choose the new application level.
Order the application level upgrade from your regular sales contact – the same you ordered the device from.

The order acknowledgement will show a license key (sample marked in yellow) which will be needed to upgrade the application level of your device.

Order acknowledgement

Order-No.: O122   Date: Page 2 / 2

Pos.	Quantity	Part No.	Delivery date	price/pc	total price

The license keys are listed at the end of this document.

Total value excluding VAT   EUR

Do you require additional information regarding your order?
The transaction overview offers you a compact overview of all your current orders after initial activation:
https://www.sew-eurodrive.de/os/c/main.do?
viewset=OVERVIEW&type=order&language=EN_US&utm_source=output
It also contains CAD data, documentations, or technical product data for the ordered products.
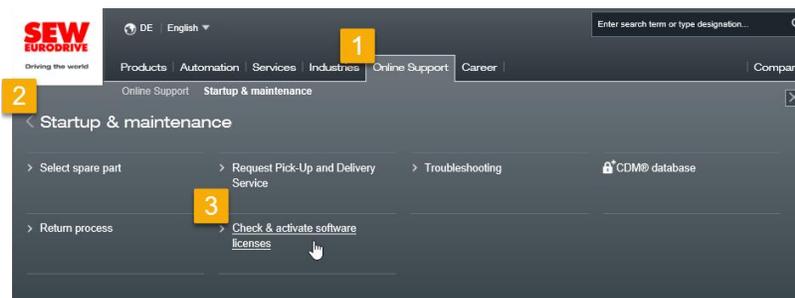In addition, you can create a documentation package for several products.

License keys

position 100:

Quantity application level 1: 2
VPYEG-   2KW9X-

3.3 Access the license manager on the SEW-EURODRIVE website

Open the license manager on the SEW website: Online Support | SEW-EURODRIVE (seweurodrive.com).

(1) Click "Online Support".

(2) Click "Startup & maintenance".

(3) Click "Check & activate software licenses".

3.4 Activate the license on the SEW-EURODRIVE website
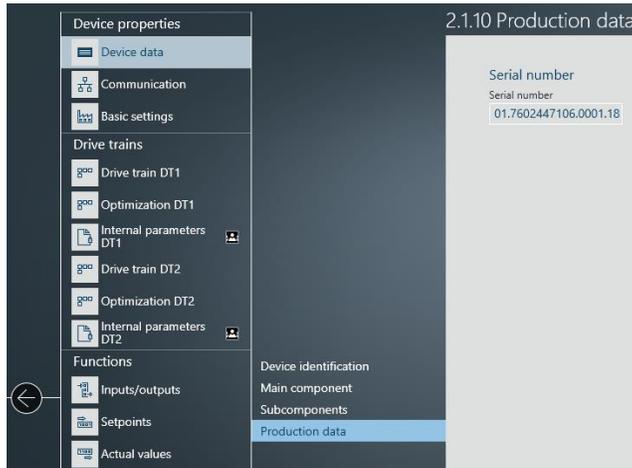

(1) Add the serial number of the affected inverter / drive / electronic cover. You will find it:

- On the nameplate (inverter / drive / electronic cover) OR
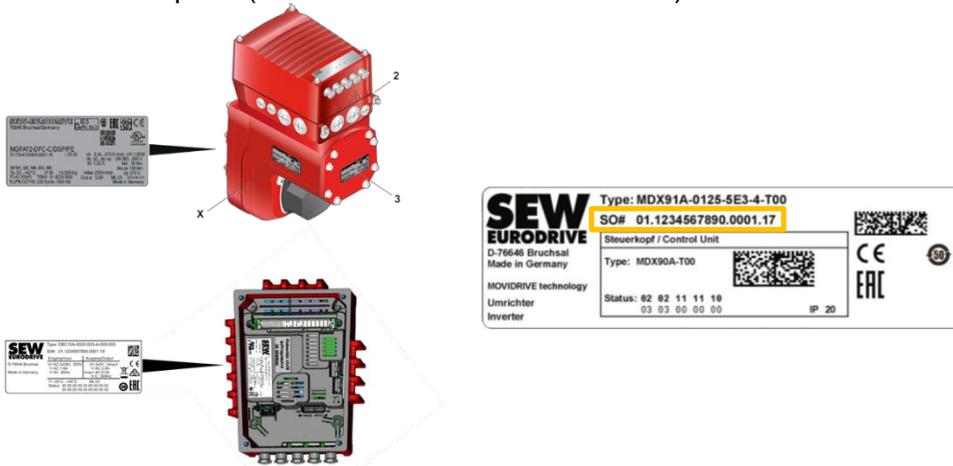
- In index 8304.1 (MOVISUITE – device needs to be connected to a PC)

(2) Add the license key from the order acknowledgement (see step 3.2).

(3) Select the red button "Activate license".

Please note that each license can be activated only once! After you activated the license for one component/ serial number, it cannot be unlinked.

(4) You will get an activation key which is unique for the previously selected SEW device. This activation key is needed for the activation in MOVISUITE.

3.5   Upgrade the application level in MOVISUITE

(1) Enter the activation key in index 8438.11 "Application level – activation key".
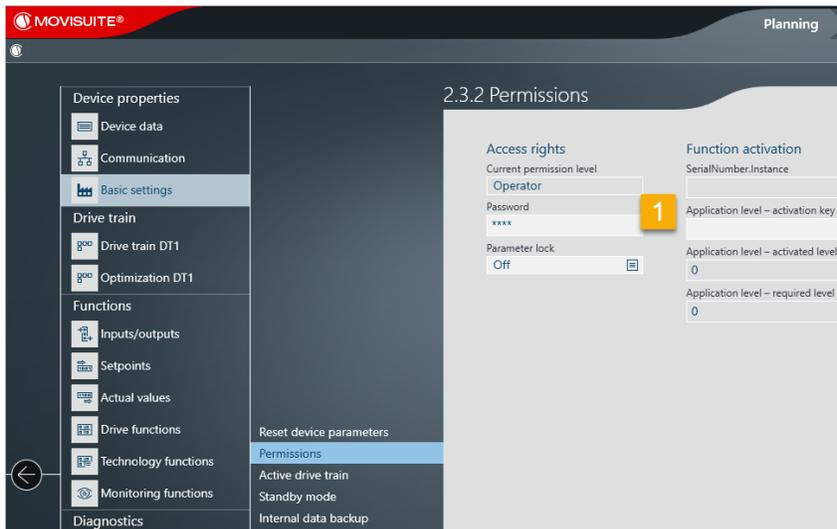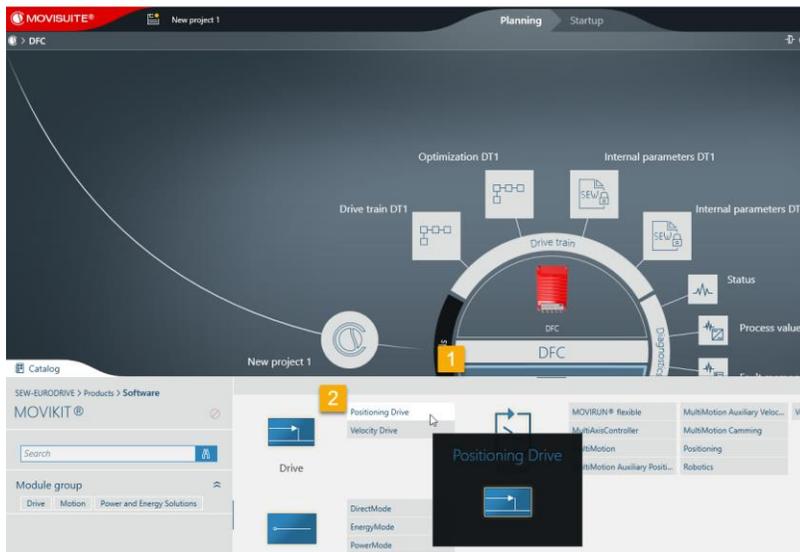
3.6   Change the application level of the device

You are now able to change the setting of the application level e.g. from "Velocity Drive" to "Positioning Drive".

Right click in the lower half-circle of the device in MOVISUITE and delete the existing software module.

(1) Select "Add software module".

(2) Choose the new required MOVIKIT.

3.7   Check the application level of the device

You can check the activated level again. The newly selected application level – in this case "1" is shown now.