



MOVIKIT[®] Licensing Check: Controller Level

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



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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](#).

Data & documents

CAD data | Documentation | Product data | **Software**

< Back to search

All products | MOVISUITE® V2.22 | Find

Download selection as a ZIP file | Forward

	Designation	Size	Version
<input type="checkbox"/>	Latest: MOVISUITE® V2.22 Basic version (release date: 2021/08/05)	5.64 GB	2.22
<input type="checkbox"/>	Latest: MOVISUITE® V2.22 Update Package 1 (release date: 2021/08/17)	4.36 GB	2.22

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.

MOVISUITE® standard

Start | Projects | Contact | Language | Settings | **Program information**

Program information

MOVISUITE® standard

Version V2.22 (2.22.10.0) —
Module package 2.22.12.1



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®.

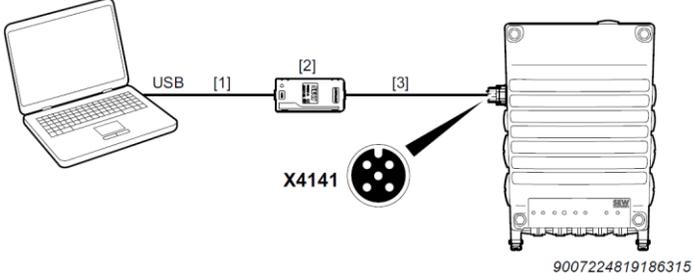
Adapter	
SEW part number	28231449
Included items	USM21A communication adapter USB connection cable 1.5m, USB-A -> USB-B, 08186804 RJ10 connection cable 3.0m, RJ10 -> RJ10, 08146993

Decentralized Drives: Connection to X31

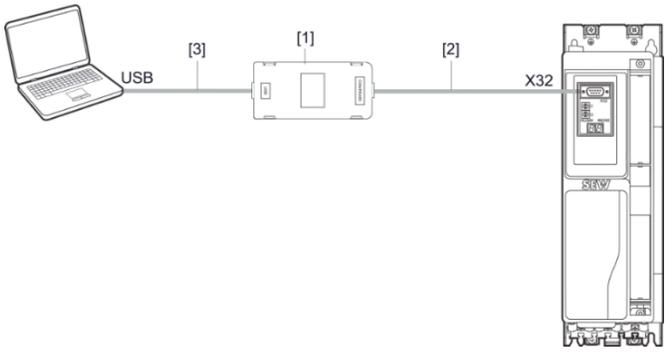
Adapter	<p style="text-align: right;">9007224818777355</p> <p>[1] USB 2.0 connection cable (commercial, included in the delivery of USM21A)</p> <p>[2] Interface adapter USM21A</p> <p>[3] RJ10/RJ10 connection cable (included in the delivery of the USM21A interface adapter)</p>
SEW part number	28231449
Included items	USM21A interface adapter The following connection cables are included in the delivery: <ul style="list-style-type: none"> • USB 2.0 connection cable <ul style="list-style-type: none"> – USB type A/USB type B, – Length: 1.5 m • RJ10/RJ10 connection cable <ul style="list-style-type: none"> For connection to the engineering interface X31 – With 2 RJ10 plug connectors – Length: 3 m



Decentralized Drives: Connection to X4141

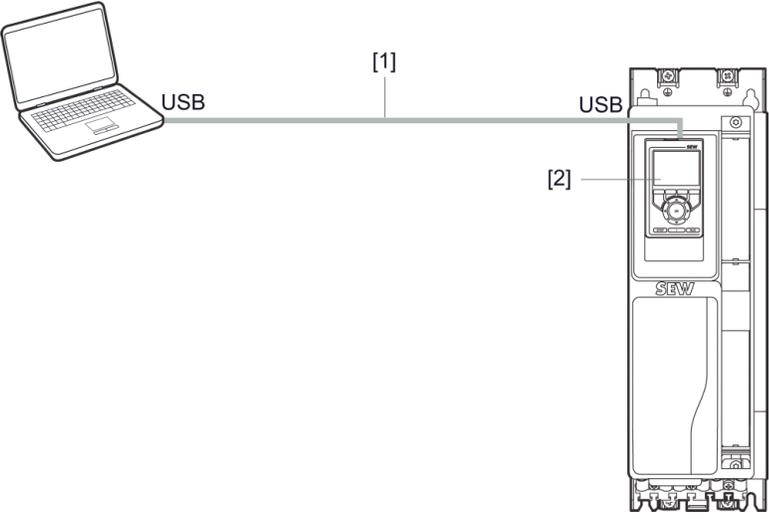
<p>Adapter</p>	 <p>[1] USB 2.0 connection cable (commercial, included in the delivery of USM21A)</p> <p>[2] Interface adapter USM21A</p> <p>[3] Connection cable RJ10/M12</p>
<p>SEW part numbers</p>	<p>28231449 28139038 28258185</p>
<p>Included items</p>	<p>Connection cable RJ10/M12 For connection to the engineering interface X4142</p> <ul style="list-style-type: none"> • With RJ10 plug connector • With M12 plug connector, 5-pin, male, B-coded • Length: 3 m <p>Retrofit set M12 engineering interface X4141</p>

Centralized Drive / Cabinet Inverter: Connection to X32

<p>Adapter</p>	
<p>SEW part numbers</p>	<p>[1]/[3] 28231449 [2] 18123864</p>
<p>Included items</p>	<p>[2] Connection cable RJ10/D-Sub plug connector For connection to the engineering interface X32</p> <ul style="list-style-type: none"> • 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.



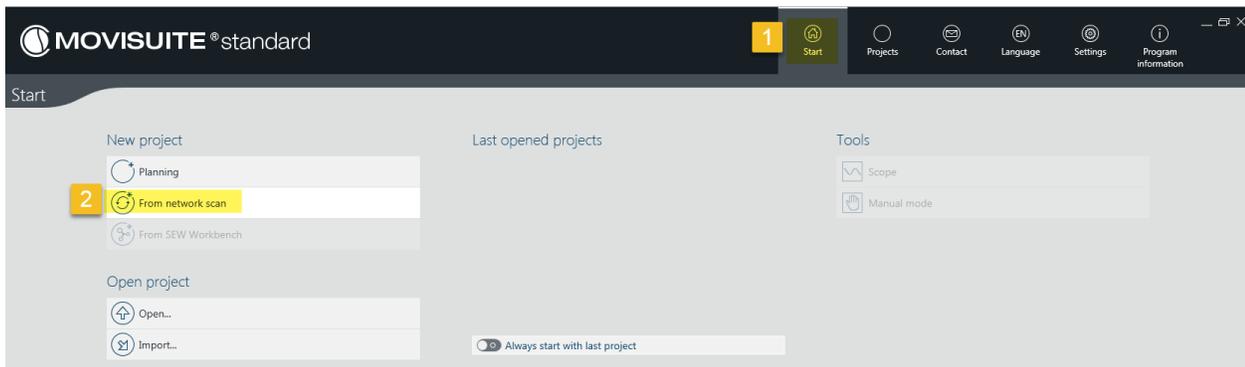
2 Connect to the inverter via MOVISUITE® and check application level

2.1 Start the MOVISUITE® software



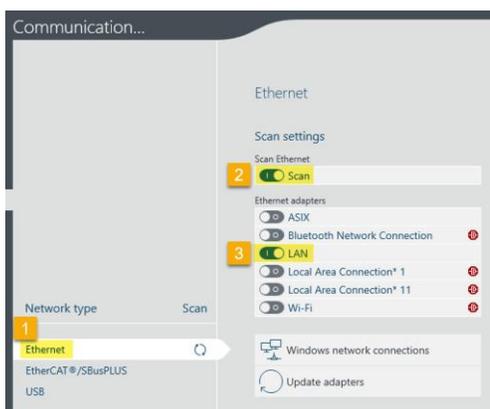
2.2 Configure communication port

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

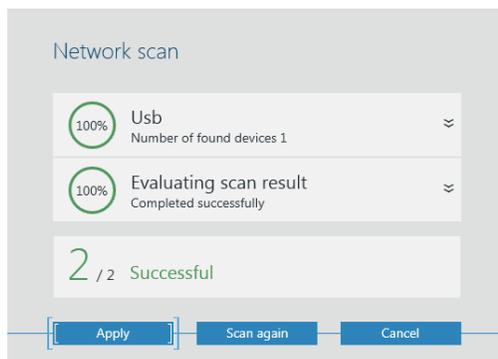




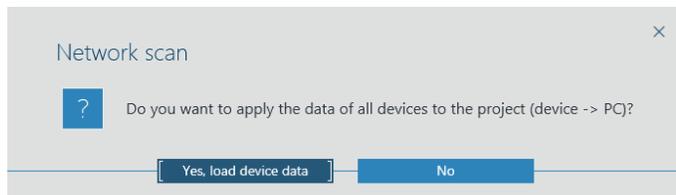
- (1) Select the communication “Ethernet”.
- (2) Select “Scan Ethernet”.
- (3) Select the network adapter connected to the MOVI-C® CONTROLLER – in this case “LAN”.

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” .



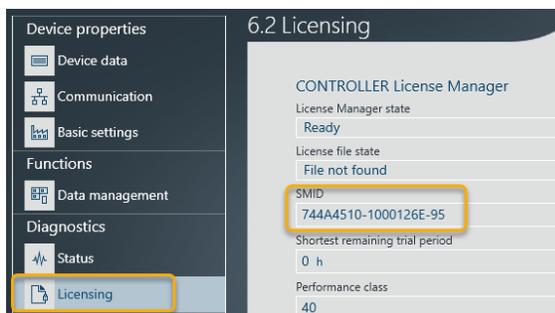
3.2 Get SMID number from MOVI-C® CONTROLLER memory card

There are several possibilities to get the SMID number:

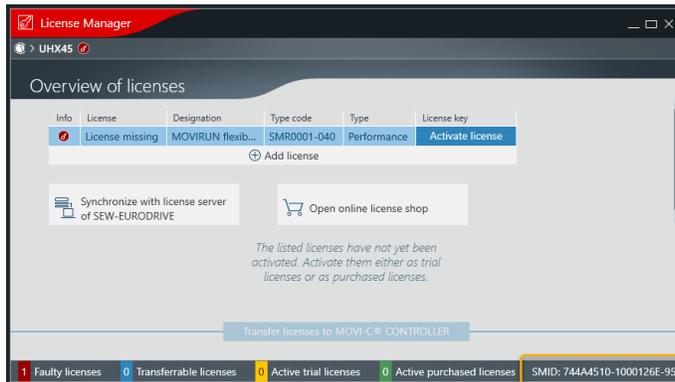
- Check the label of your memory card.



- Within MOVISUITE® configuration menu, index 8438.104.



- Within MOVISUITE® License Manager, click on the SMID number to copy the number to the clipboard.

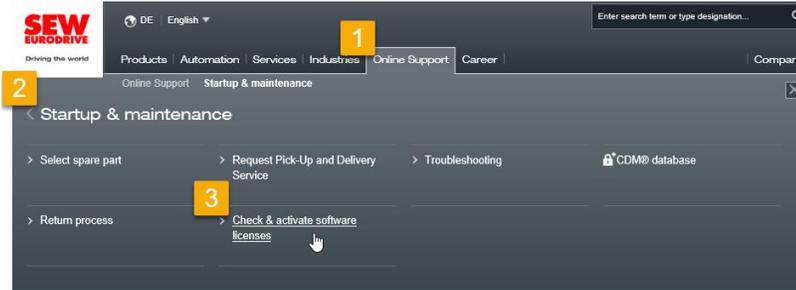


3.3 Access the license tool on the SEW-EURODRIVE website

3.3.1 Go to SEW's website

Go to SEW's website → licensing: [Online Support | SEW-EURODRIVE \(seweurodrive.com\)](https://www.seweurodrive.com/online-support).

- (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.

The screenshot shows the SEW-EURODRIVE website interface. At the top, there is a navigation bar with the SEW-EURODRIVE logo, language and location settings (US, English), a login button, and a search bar. Below the navigation bar, there are menu items for Products, Solutions, Services, Industries, Online Support, Career, and Company. The 'Online Support' menu is expanded, showing 'Software licenses'. Under 'Software licenses', there are four tabs: 'Request' (highlighted), 'License files', and 'Manage HWIDs'. Below the tabs, there is an 'Input' section with a form titled 'Prompt software license status'. The form contains two input fields: 'Hardware ID' and 'License key'. The 'Hardware ID' field contains the example value '58DE3041-03E24C12-B3, 50.7671001219.0001.18' and is labeled '2a'. The 'License key' field contains the example value 'H6PVR-JXUM4-BKTV3-H6LEM-YXVUK-BKV' and is labeled '2b'. Below the input fields, there is a red 'Request' button labeled '3'.

- (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

SEW EURODRIVE DE English Login Enter search term or type designation...

Products Automation Services Industries Online Support Career Company

Online Support

Software licenses

Activate **Request** License files Manage HWIDs

Input

Prompt software license status
Enter a hardware ID or a license key.

Hardware ID 18782152-3128FB8F-08 or License key H8PVR-JXUM4-BKTV3-H8LEM-YXVUK-BKV

Request

Result

The following licenses are activated for hardware ID 18782152-3128FB8F-08:

Software name	Catalog designation	License key
MOVIRUN flexible	SMR0001-080	9YADE-QZAG7-NUPKP-3C7HZ-RG2FR-ELA
MOVIRUN flexible	SMR0001-080	ZC81S-LDUTC-N88NJ-Z3WZT-M4RF3-XDA
MOVIKIT Robotics	SMK1101-000	418YW-5VBM4-77SXZ-UTDUG-KA6J5-JHS
MOVIKIT Robotics	SMK1101-000	9CUCE-P1E2G-C1LVR-452EJ-1SC5K-2FA
MOVIKIT Robotics add-on MediumModels	SMK1102-000	KAKHM-YR6EH-DA7UT-EYFWY-L2BR1-XGS
MOVIKIT Robotics add-on MediumModels	SMK1102-000	9PSUW-AE3MZ-Z4L14-U35TB-13ZY7-BBA
MOVIKIT Robotics add-on ConveyorTracking	SMK1110-000	X4A2W-7QYX2-7C2W8-BHGXL-DHN1D-F2A
MOVIKIT Robotics add-on ConveyorTracking	SMK1110-000	HKLQ1-VVFZF-PSJ4N-FEH66-3Z5JH-5XA
MOVIKIT Web Visualization	SMK1504-080	7KRUR-TZW6R-X26YI-4DSWB-RAKRZ-EAA
MOVIKIT AutomationFramework	SMK2001-080	8LMFY-9A7L5-PEACL-XYLQ2-2KJ7-Q8A

Activate additional license for this hardware ID

OR

Example for 2b

SEW EURODRIVE DE English Login Enter search term or type designation...

Products Automation Services Industries Online Support Career Company

Online Support

Software licenses

Activate **Request** License files Manage HWIDs

Input

Prompt software license status
Enter a hardware ID or a license key.

Hardware ID 1 88DE3041-03E24C12-B3, 50.7871001219.0001.18 or License key 9CUCE-P1E2G-C1LVR-

Request

Result

The license key 9CUCE-P1E2G-C1LVR-452EJ-1SC5K-2FA has already been activated on the hardware ID 18782152-3128FB8F-08.:

Reactivate this license