

Technical Information

Activation of NIVUS Function Licences for Measurement Transmitters NivuFlow Mobile and Data Logger NivuLevel Mobile



NivuFlow Mobile Firmware: as of V3.10

NivuLevel Mobile Firmware: as of V3.10

Document revision 00 / 19.06.2019

Original Manual: German / rev. 00 as of 05.06.2019

Licences for Remote Data Transmission

1 Functional description

Remote data transmission with NivuFlow Mobile and NivuLevel Mobile devices can be carried out using different channels. The options below are basically available:

- via MQTT to the NIVUS WebPortal or to a customer system
- via FTP to the NIVUS data portal D2W or to a customer FTP server
- via E-Mail to a preset address

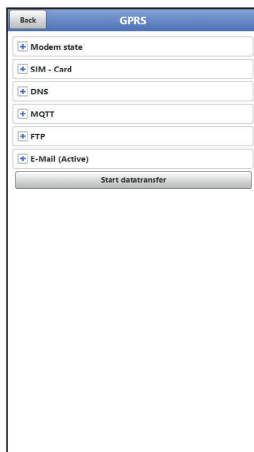


Fig. 1-1 Communications menu

The basic version of all NivuFlow Mobile and NivuLevel Mobile units is supplied featuring “MQTT Data Transmission”. This feature is activated automatically and is available instantly after initial start-up once the according parameters have been set.

Data transmission via FTP and E-Mail is available as combined extra licence and can be purchased either when placing the order or later at any time.

The link to the NIVUS WebPortal (for licence activation) is sent after the dispatch of the ordered device or subsequently to ordering the licence later via E-Mail to the customer or to the responsible local representative ^{*1)}. Activation must be carried out manually by the user ^{*1)} (see chapt. “2 Licence Activation”). Once the parameters on the NivuFlow Mobile / NivuLevel Mobile have been set accordingly the data transmission option can be selected and the transmission can be initiated.



To set the parameters refer to the instruction manual of the respective NIVUS NivuFlow Mobile / NivuLevel Mobile unit.

One licence is valid for **one device** and is assigned permanently to this device by using the **serial number**.

^{*1)} Depending on the recipient’s country the responsible local representative will activate the licence already prior to the dispatch of the device; all ordered features are then available for customers instantly.

2 Licence Activation

➡ Procedure to **order the device with licence** “FTP/E-Mail Data Transmission”:

1. Order NivuFlow Mobile / NivuLevel Mobile device(s) including the according data transmission licence(s).
This triggers internal processes at NIVUS regarding the production of the NFM device as well as licencing.
2. After receiving the NFM device(s) log in with the NIVUS WebPortal and open the “Licences” tab.
The login data have been transmitted by NIVUS to an E-Mail address as previously agreed.



Licence assignment to device cannot be changed after licencing

*One licence is valid for one device only and is assigned permanently to this device by using the serial number. The assignment **cannot be undone or changed**.*

Prior to assignment check carefully which unit is to be assigned with which licence to ensure correct licencing and to make sure that the desired features can be used with the correct device.

3. The available NFM device(s) is/are listed in the NIVUS WebPortal. The right display field indicates the ordered licences which need to be assigned to the devices by using the serial number.
To do so click the desired licence and select “Activate”.
This action removes the selected licence from the right display field while the according device shows the assigned licence number including the activation code. This activation code is required subsequently (once) to set the parameters of the individual devices.
4. For more licences proceed accordingly.
5. Log out from NIVUS WebPortal and exit the application.

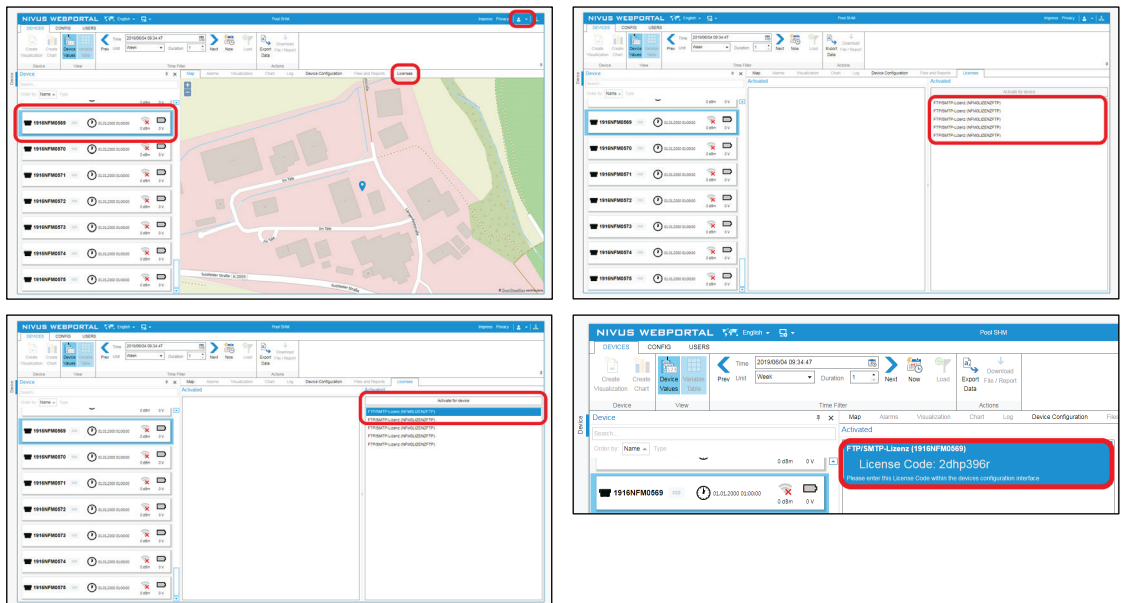


Fig. 2-1 Licence activation in NFM display tool

6. Open the display and operating module (Smartphone, Tablet, Notebook, PC etc.) of the desired NFM and select >Feature unlock< (Fig. 2-2) in the service menu (see also the device’s instruction manual).
7. Click button >Feature unlock<.
8. Enter the according activation code and confirm with “Input”.
The assigned licence will be shown in the display.



Fig. 2-2 Licence activation in NFM display tool

9. The NFM confirms the activation and prompts a restart of the device. In communication GPRS menu the option to transmit data via FTP / E-Mail is now available.
10. Select/input parameters in >Communication< menu and save.

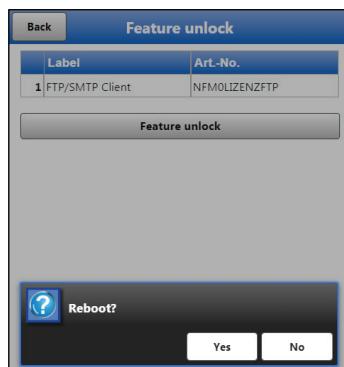


Fig. 2-3 Restart of the system after feature unlock

- ➡ Procedure for **ordering the „FTP/E-Mail Data Transmission“ licence later:**
1. Place your order for the desired data transmission licence(s) to trigger internal processes at NIVUS regarding licence activation.
 2. After receiving the login data log in with the NIVUS WebPortal and open the “Licences” tab.
The login data have been transmitted by NIVUS to an E-Mail address as previously agreed.
 3. Proceed with step 3 as described in “Procedure to **order the device** with licence “FTP/E-Mail Data Transmission”.
Also observe the important note on “Licence assignment” on page 3 necessarily.