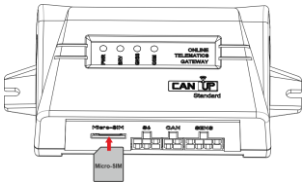
TELEMATICS GATEWAYS
CANUp 27 Standard / Pro / Genset
Instructions for quick configuration of connection to ORF 4 / ORF 5 server
Version 1.0

1 Download the USB driver CP210x USB to UART Bridge VCP Drivers in section Software/Firmware and install it on the computer (PC); also download Service CANUp service software at https://www.jv-technoton.com/ and install it.

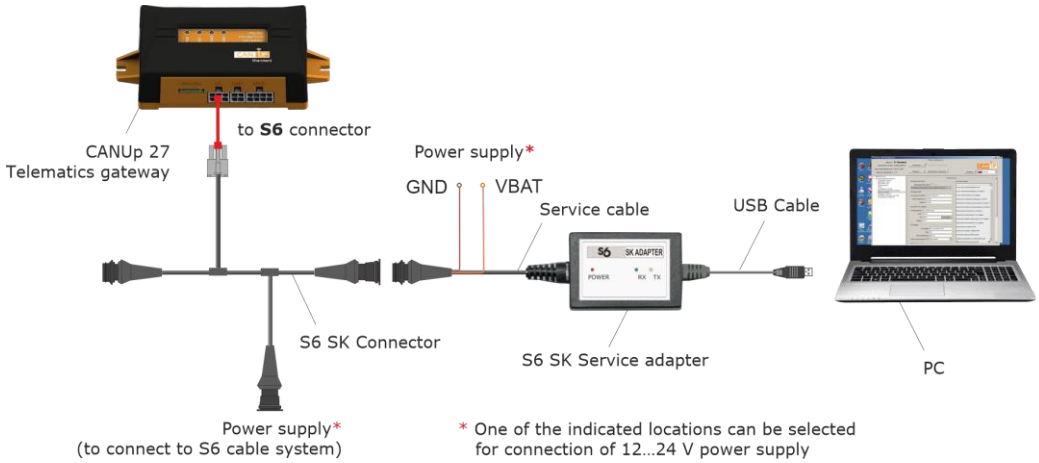
See detailed information on the service software and requirements to the PC in Chapter 2.4 of the document "CANUp 27 Telematics gateways. Operation manual".

2 **This paragraph applies only to CANUp 27 Standard / Pro LTE / Genset.**
When using CANUp 27 Pro Wi-Fi, skip it and start with paragraph 3 .

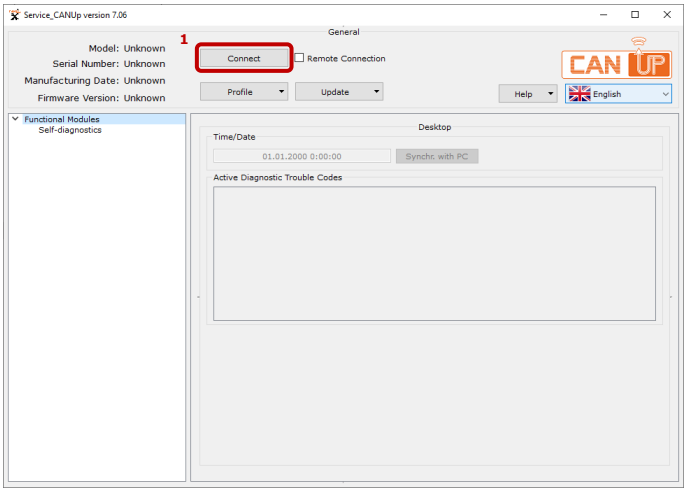
Insert Micro-SIM card which is not protected by password into CANUp 27.

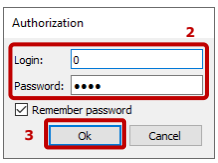


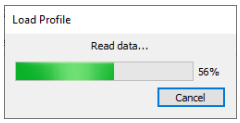
3 Connect CANUp 27 to the PC using S6 SK service adapter, according to the diagram provided below. Switch on DC power supply within the range 12…24 V. After that, the red **POWER** LED indicator of the adapter will be on.



4 Start Service CANUp service software and press Connect button **(1)**. In **Autorization** window enter login **0**, password **1111** **(2)** and press OK button, to confirm it **(3)**. After CANUp 27 profile is loaded, you should see the blinking of **RX** LED indicator (green) and **TX** LED indicator (yellow) of S6 SK service adapter.







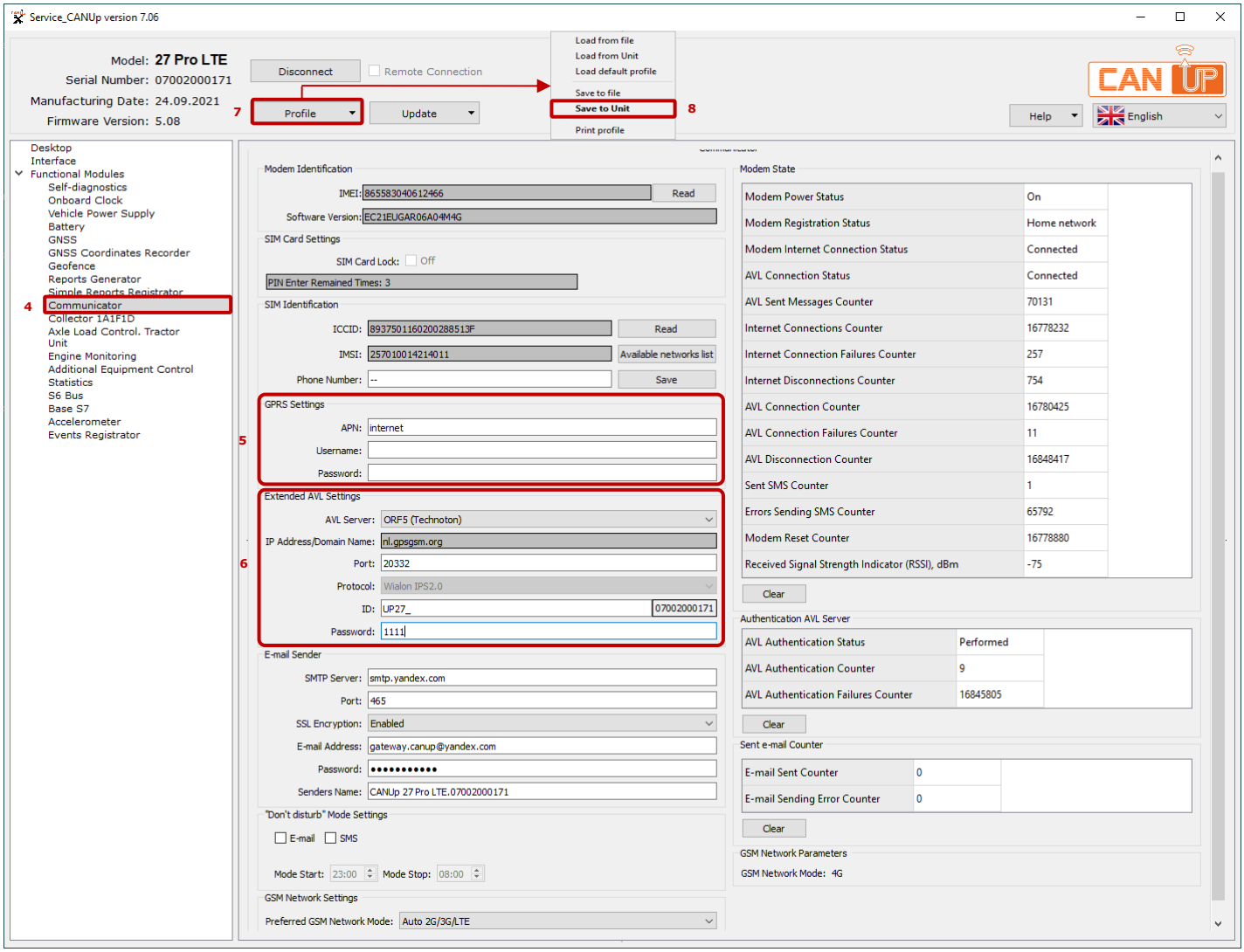
5 **This paragraph applies only to CANUp 27 Standard / Pro LTE / Genset. When using CANUp 27 Pro Wi-Fi, skip it and start with paragraph 6 .**

After loading the profile of CANUp 27, enter the submenu of **Communicator FM (4)** and enter settings of the access point address (APN) in **GPRS Settings** area, in order to connect to the Internet **(5)**.

You are to receive APN settings in advance from your cellular network operator.

In the area **Extended AVL Settings** select AVL server (e.g. — **ORF 5**) **(6)** to which CANUp 27 would further on transfer reports. Other settings for the selected AVL server are specified automatically.

Press Profile button **(7)** and select the operation **Save to Unit (8)** in the menu, to save the modified profile in the internal memory of CANUp 27.



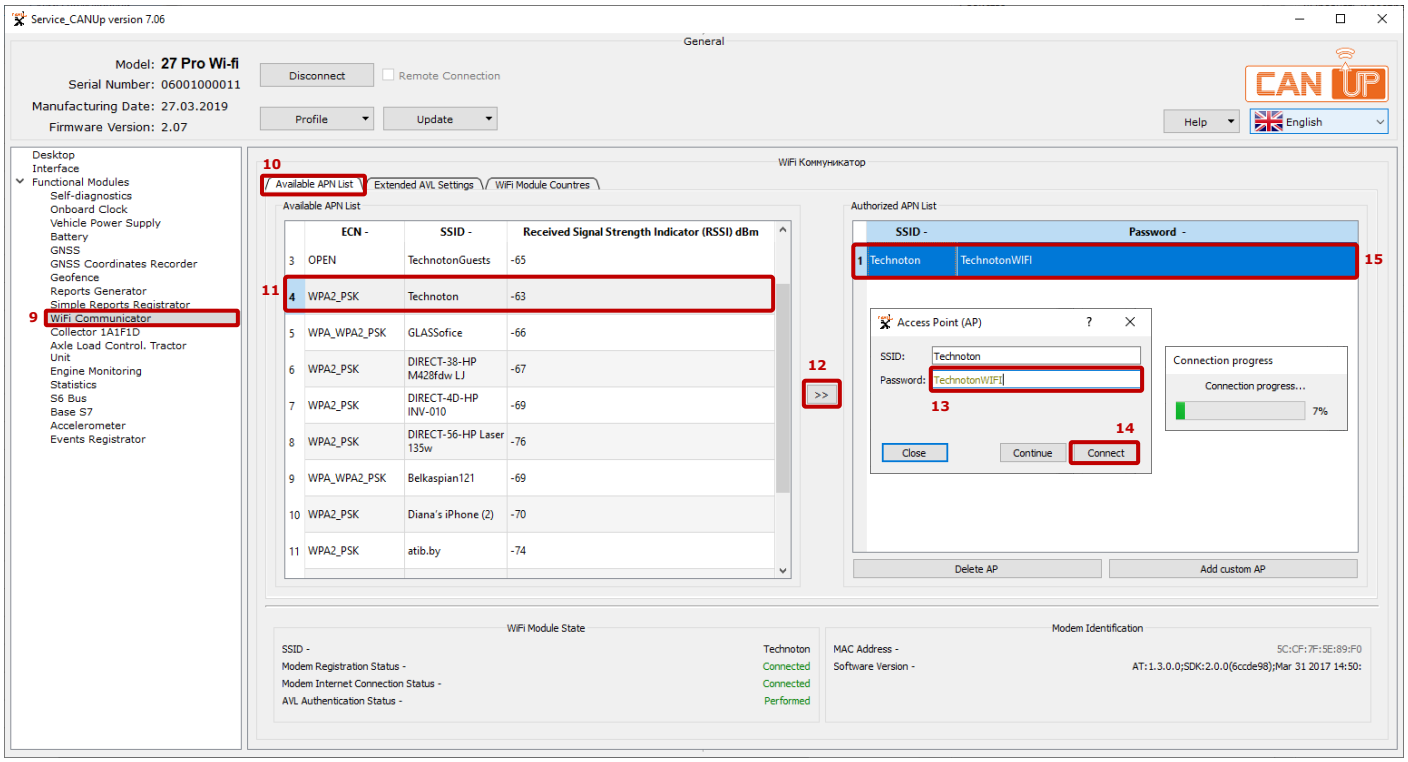
6 **This paragraph applies only to CANUp 27 Pro Wi-Fi.**

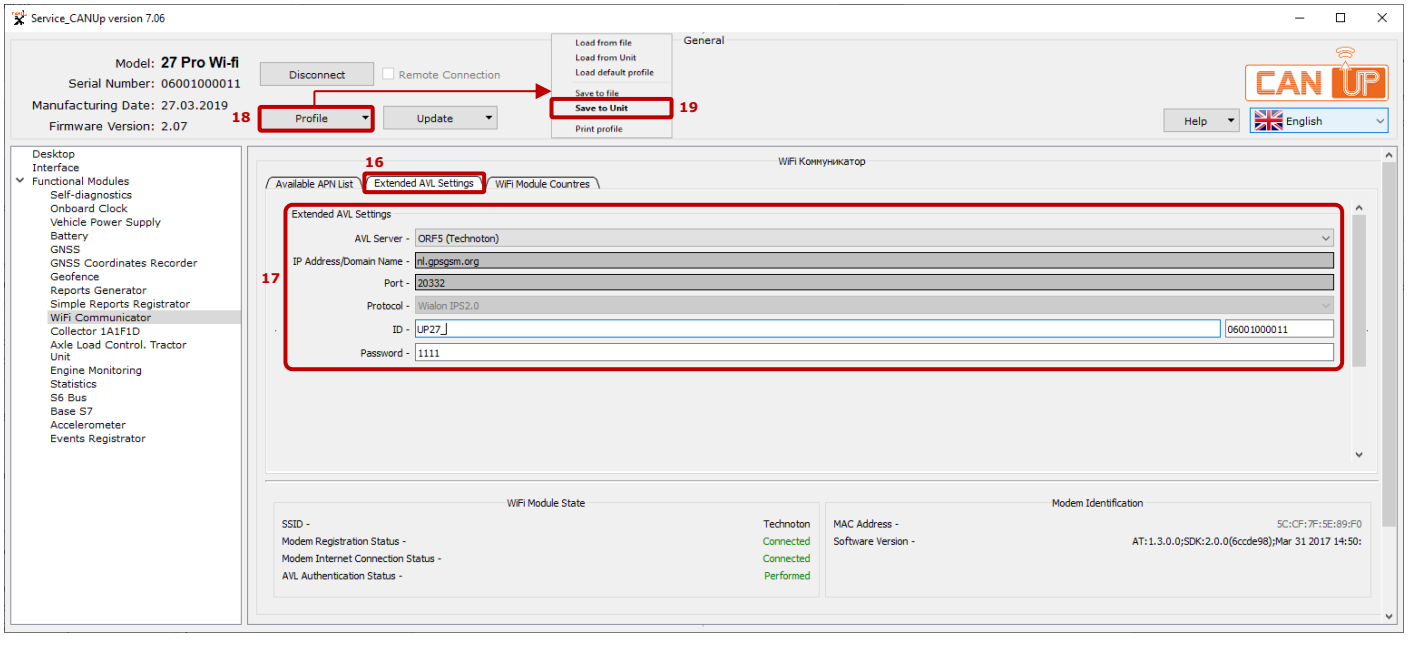
After loading CANUp 27 profile, enter the submenu of **WiFi Communicator FM (9)**. Open the tab **Available APN List (10)** and select the router from the number of available devices the one that would serve as access point for the Internet connection **(11)**.

To connect CANUp 27 to the selected router, press [>>] button **(12)**, enter the router password in the opening window **Access Point (AP)** into the appropriate field **(13)** and press [Connect] button **(14)**. After the connection is established, the router will be entered into the **Authorized APN List (15)**.

Open **Extended AVL Settings (16)** tab and select AVL server (e.g. — **ORF 5**) to which CANUp 27 would further on transfer reports **(17)**. Other settings for the selected AVL server are specified automatically.

Press [Profile] button **(18)** and select the operation **Save to Unit (19)** in the menu, to save the modified profile in the internal memory of CANUp 27.





7 Enter the submenu of **Reports Generator FM (20)** and from tabs of reports displayed by default select **Power Supply** report **(21)**.

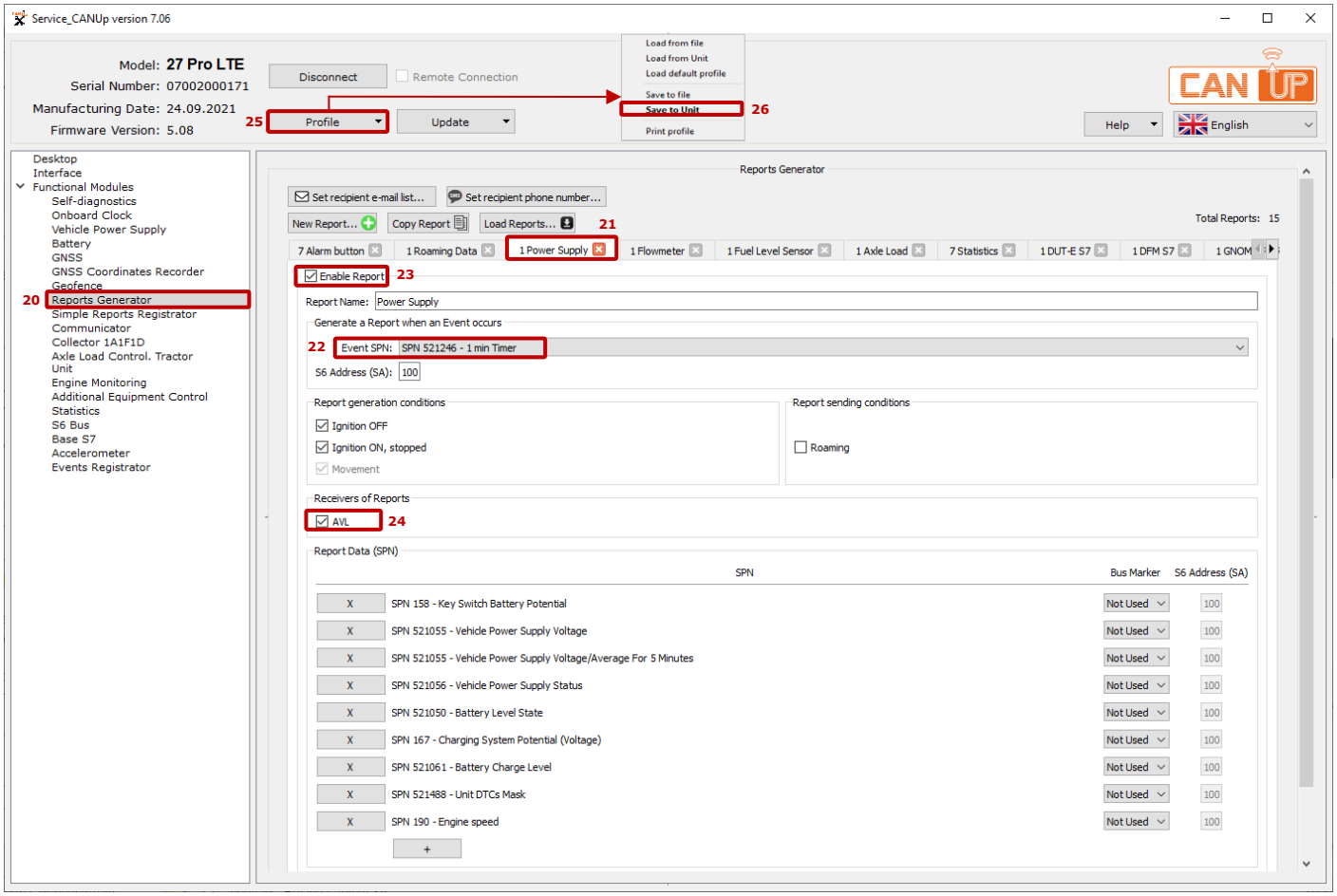
In the area **Generate a Report when an Event occurs**, from the dropdown list **Event SPN** select **SPN 521246 – 1 min Timer (22)**.

Note — Depending on the type of equipment connected to CANUp 27, you may select another report. See detailed information on configuration of CANUp 27 reports in Chapter 2.8 of the document "CANUp 27 Telematic gateways. Catalog of Functional modules".

To enable the generation of a selected report, tick the field **Enable Report (23)**.

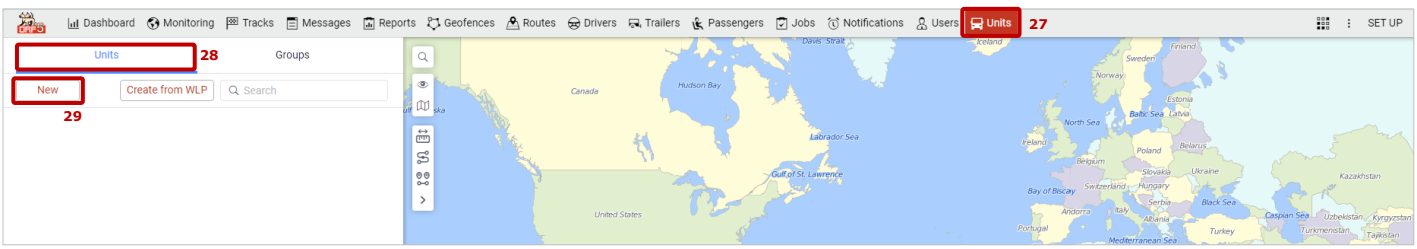
To enable the transfer of the report to the AVL server, tick the field **AVL** (**Receivers of Reports** area) **(24)**.

Press Profile button **(25)** and select the operation **Save to Unit (26)** in the menu, to save the modified profile in the internal memory of CANUp 27.

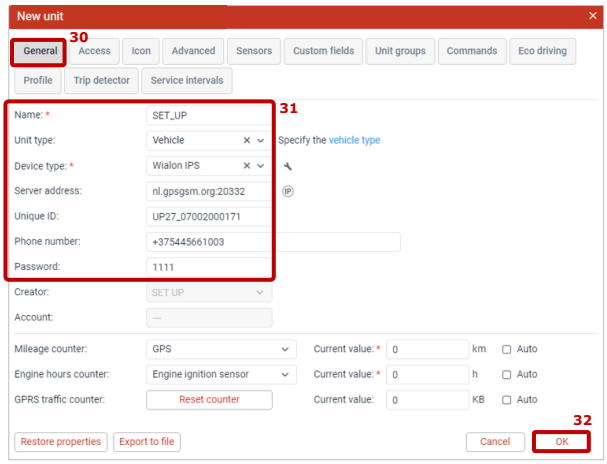


8 Register CANUp 27 on the server selected in Service CANUp AVL software. For this purpose, first, get the right of access to the server from a representative of the Telematics service provider company. Then, enter the URL http://www.orf-monitor5.com/ into the address bar of the browser and enter the service.

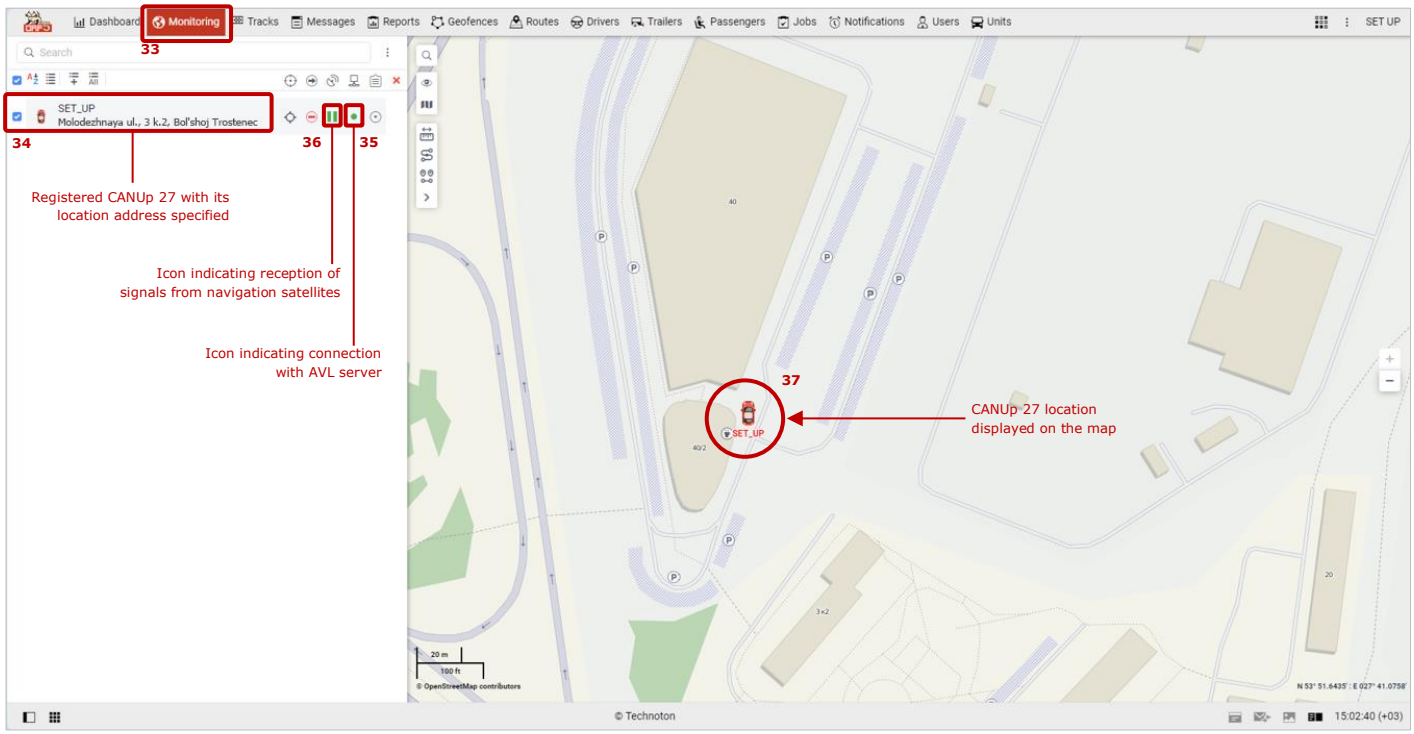
In the main menu of the loaded monitoring window press Units button **(27)**, open **Units** tab **(28)** and press New button **(29)**.



9 In the window **New unit** (**General** tab) **(30)** fill in the fields for registration of CANUp 27 as new asset on the server. **(31)**: **Name** (enter the asset name for its identification), **Unit type** (select the needed asset type from the dropdown list), **Device type** (select **Wialon IPS** from the dropdown list), **Server address** (this value is set automatically), **Unique ID** (copy this value into Service CANUp software from the field **ID** in **Extended AVL Settings** area), **Phone number** (enter the telephone number in the international format for the SIM card inserted into CANUp 27), **Password** (copy its value into Service CANUp software from the field **Password** in **Extended AVL Settings** area). Press OK button, to confirm the entered data **(32)**.



10 In the main menu of the monitoring window press Monitoring button **(33)** and make sure that CANUp 27 is entered into the list of monitored assets **(34)** and its connection with AVL server is established **(35)**, that signals from navigation satellites are received **(36)** and CANUp 27 location on the map of terrain is indicated correctly **(37)**.



Manufacturing, technical support, service

TECHNOTON
ADVANCED MACHINERY TELEMATICS

Tel: +420 910 122 429
sales@jv-technoton.com
support@jv-technoton.com

ISO 9001:2015 certified quality