

OMNICOMM ONLINE NEW PROFILE

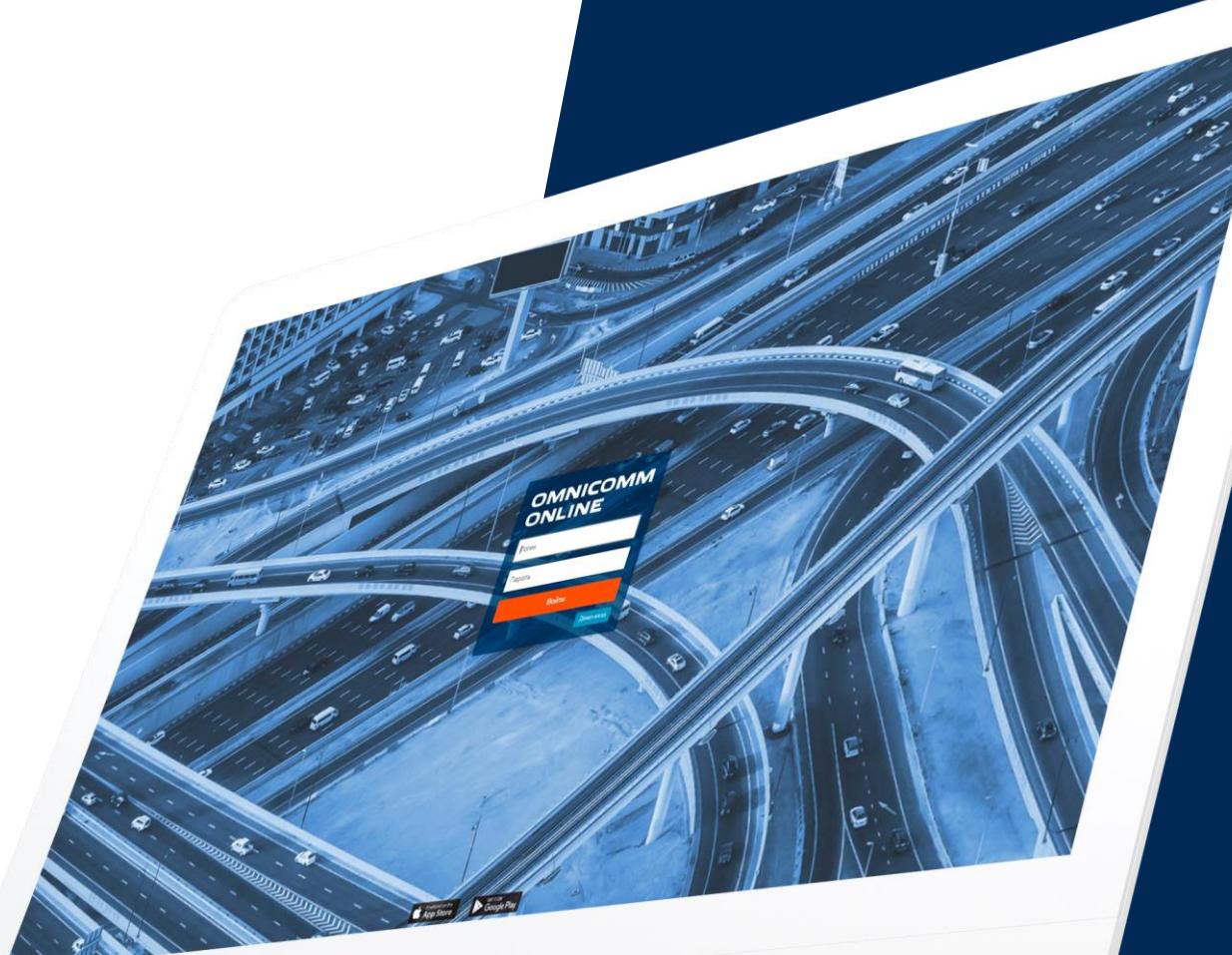
LARGE-SCALE UPDATE

OMNICOMM

Integration of the Conversion Server
into Omnicomm Online

Enhanced Object Profile
Configuration Options

Expanded API Functionality



PROFILE CREATION

1

XML not necessary

Just click «Add»

Conversion Server is not needed

XML Import/Export remains

The screenshot shows the OMNICOMM ONLINE software interface. At the top, there's a dark blue header with the OMNICOMM ONLINE logo. Below the header, there's a navigation bar with 'Vehicles' (highlighted in red) and 'Drivers'. On the right side of the header, there are buttons for 'VH profile' (disabled), 'Add', and 'Data re...'. Below the navigation bar, there are filters for 'Groups: All' and 'Status: All', and a search bar labeled 'Name'. The main content area has a title 'Adding a VH profile'. It contains several input fields: 'Vehicle name*' with a placeholder 'Vehicle name', 'Type of terminal*' with a dropdown menu, 'Server port' with a placeholder 'Server port', and 'Factory No.*' with a placeholder 'Factory No.'. Below these fields, there's a note: 'Vehicle is not assigned to any group' and 'Select group for the editing VH'. At the bottom, there are three buttons: 'Save and go to settings', 'Save', and 'Cancel'.

PROFILE CONFIGURATION

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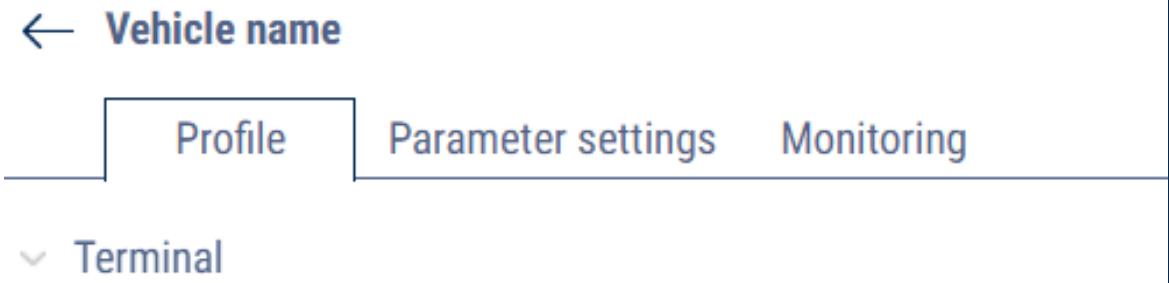
2

3 profile sections:

Profile

Parameter settings

Monitoring



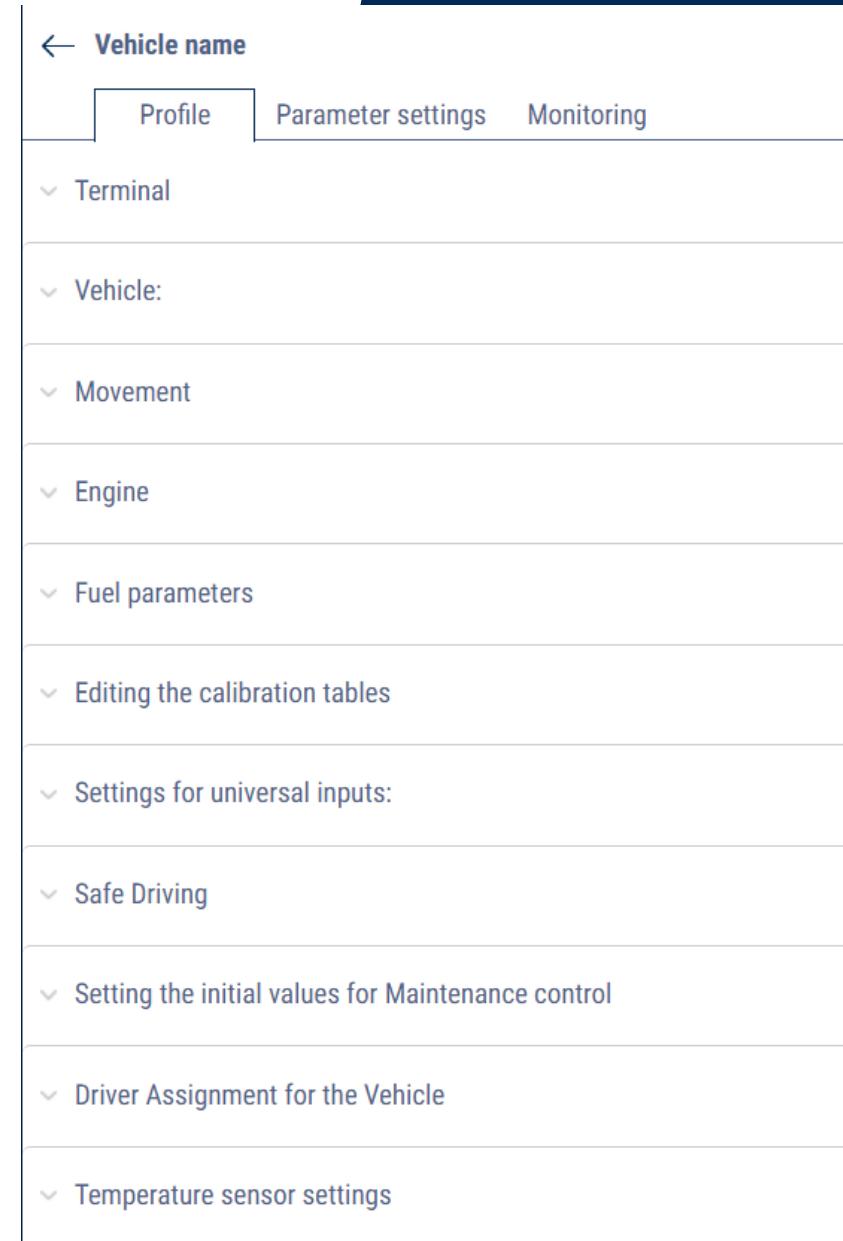
3

Profile

The section contains settings related to the monitored object

- Information about the vehicle
- Threshold settings
- Calibration tables
- Fuel parameters
- Other sub-sections

The section has been updated and the settings have been arranged

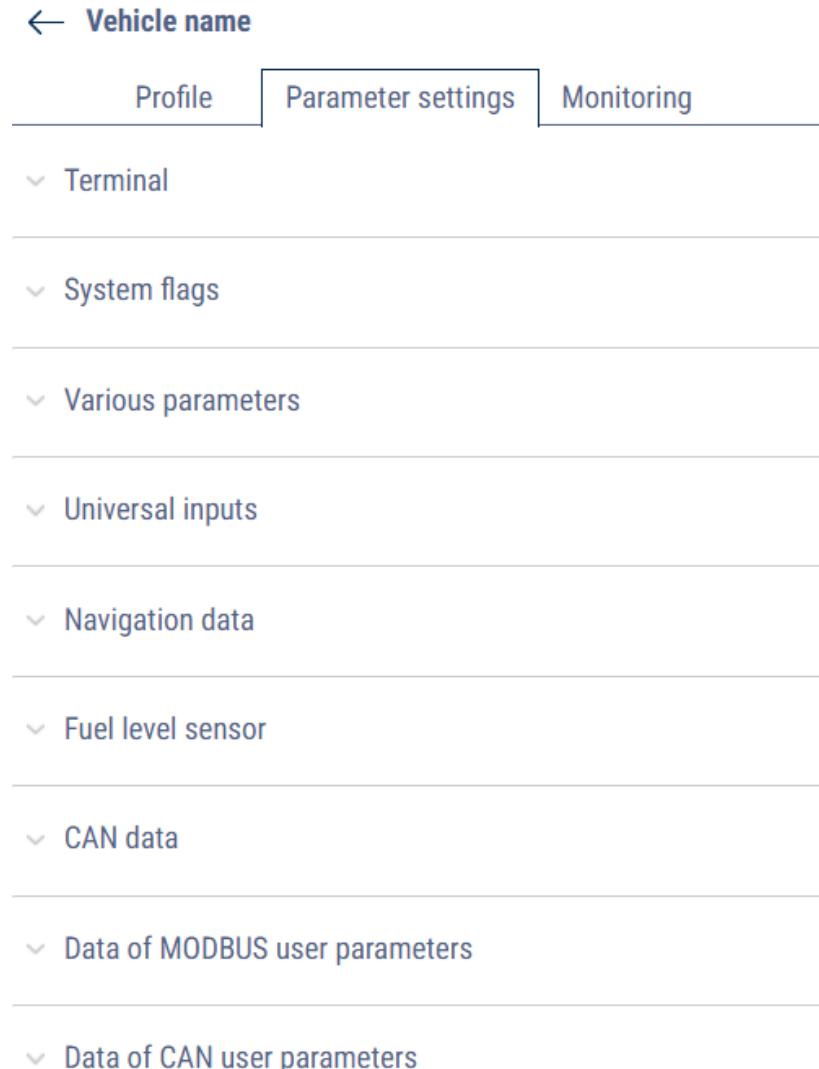


3

Parameter Settings

The section contains settings of methods of calculation of various parameters based on data from GPS-trackers (terminals).

The flexibility of settings provided by the Conversion Server is now also available for Omnicomm GPS-trackers, and a number of completely new calculation methods have been extended and added.



4

Monitoring

This section contains information about the data received by the server from the GPS-tracker.

This section is used to analyse the incoming messages and select the necessary calculation methods in the parameter settings.

Discrete input 9	true
GPS altitude, m	105
GPS data accuracy	false
GPS direction, degrees	120
GSM signal level	100
iButton Code	0004030201000000
iButton/RFID Code	00ddccbbaa000000
Ignition	true
Latitude	41.317301
LLS1 Level	0
LLS2 Level	222
LLS3 Level	333
LLS4 Level	444
LLS5 Level	4095

NEW CONFIGURATION SPECIFICS

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Enhanced CAN Parameter Configuration

You can now configure the receiving, processing and view of any CAN parameters received from the GPS-trackers.

You can also select these data as sources for standard parameters.

The screenshot shows a configuration interface for CAN parameters. It includes two main sections: CAN-2 and CAN-3. Each section contains fields for parameter name, SPN number, offset, length, type of value before conversion, type of value after conversion, minimum and maximum values, coefficient, offset, and number of symbols after a coma. A table below CAN-3 lists key modes and their corresponding values.

Key	Value
0	S mode
1	H mode
2	L mode
3	B mode

*Available for Omnicomm, ADM, Teltonika, UMKA GPS-trackers

NEW CONFIGURATION SPECIFICS

OMNICOMM

User parameters

Some models of GPS-trackers can send user-defined parameters

You can now configure them to be processed and selected as a data source for other parameters

These parameters can also be displayed in the Log report

User parameter-2

ID *	21475295232
Parameter name *	Can speed
User parameter number *	0
Type of value before conversion *	unsigned integer (4 byte)
Byte and word order *	Direct byte and word order
Type of value after conversion *	integer
Minimum value *	0
Maximum value *	300
Coefficient *	1
Offset *	0

*Available for GalileoSky, Navtelecom, Xirgo GPS-trackers

NEW CONFIGURATION SPECIFICS

OMNICOMM

Custom MODBUS

Now you will be able to configure the receiving, processing and displaying of custom MODBUS parameters received from the GPS-trackers.

You can also select these data as sources for standard parameters.

MODBUS-2

ID *	16973834
Parameter name *	rpm counter
Address *	1
Function *	Holding Registers
Register *	10
Byte and word order *	Direct byte and word order
Type of value before * conversion	long
Type of value after * conversion	integer
Minimum value	0
Maximum value	10000
Coefficient	1
Offset	0

*Available for Omnicomm, Arnavi, GalileoSky GPS-trackers

NEW CONFIGURATION SPECIFICS

OMNICOMM

Fuel level sensors configuring

It is now possible to combine data sources for fuel level sensors from LLS, custom parameters, CAN, MODBUS and universal inputs

▲ Fuel level sensor

▲

Fuel level sensor 1

Calculation method	LLS3 Level
Determining method for the fuel level sensor condition	Calculate
Level is 0	Mode = Ready
Level above 4095	Mode = Error

▲

Fuel level sensor 2

Calculation method	User setting 1
Bottom value	0
Peak value	100
Determining method for the fuel level sensor condition	Calculate
Level is 0	Mode = Ready

NEW CONFIGURATION SPECIFICS

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Universal inputs configuring

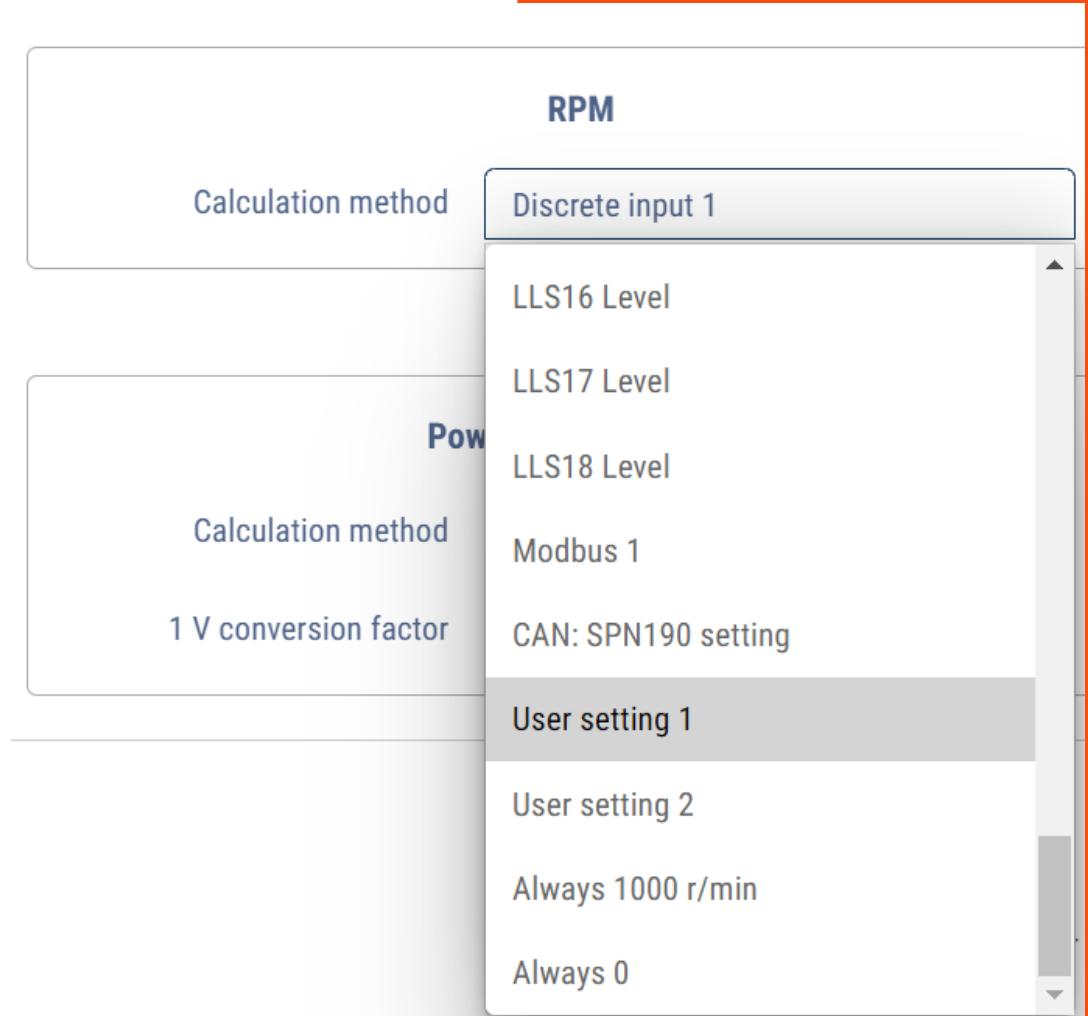
You can select from LLS data as well as custom CAN and MODBUS data as a source of data for the UI

UI settings in the profile can now be changed without editing XML



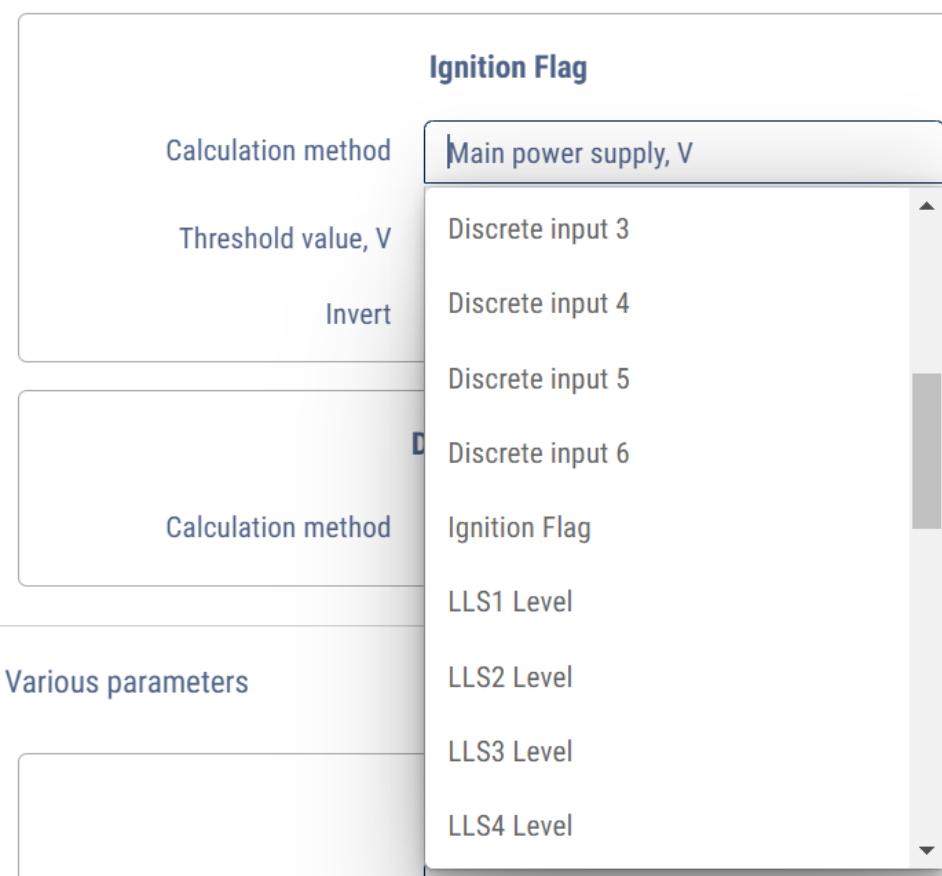
RPM configuring

As a source of data for Revolutions per Minute you can select data from sensors working in Omnicomm LLS, CAN, Modbus protocol, or custom parameters



Ignition configuring

You can select data from sensors operating in Omnicomm LLS protocol or universal inputs as a data source for ignition detection



Import/Export profile settings

For complicated profiles, it is possible to create setting templates that can be exported and applied to similarly tuned objects

← Vehicle name

Profile Parameter settings Monitoring

Import Export

New methods of work with the profile

Now with the API you will be able to:

- Get details about profile settings
- Update specific profile settings
- Create a profile
- Get the list of GPS-tracker types used in methods

GET	/ls/api/v1/vehicles/profile/{id}	Get the vehicle profile	   
PUT	/ls/api/v1/vehicles/profile/{id}/update	Update vehicle profile settings	   
POST	/ls/api/v1/vehicles/profile/create	Create vehicle profile	   
GET	/ls/api/v1/vehicles/terminals/types	List of GPS-tracker (terminal) types	   

Managing profile via API

- Change the name
- Change thresholds
- Change calibration tables
- Change settings

Automation and integrations are much more convenient!

Request body required

Example Value | [Schema](#)

```
▼ {  
  terminal > {...}  
  vehicle > {...}  
  movement > {...}  
  engine > {...}  
  mainTank > {...}  
  deliverySensors > {...}  
  additionalTank > {...}  
  univInputs > [...]  
  calibrationTables > [...]  
  safeDriving > {...}  
  reader > {...}  
  iqFreeze > {...}  
}
```

UPGRADE ANNOUNCEMENT

OMNICOMM

Key points

- The conversion server will be shut down at the time of publishing
- All existing profiles will be migrated with all settings intact
- Notification of the upgrade date in a few days before the upgrade takes place
- Any questions about the preparation and details of the upgrade at
borzov@omnicomm.ltd &
support@omnicomm-world.com



WISHING YOU A SUCCESSFUL
AND PRODUCTIVE WORK WITH
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