

USER MANUAL TRACKER.ID

Version 1.0 EN



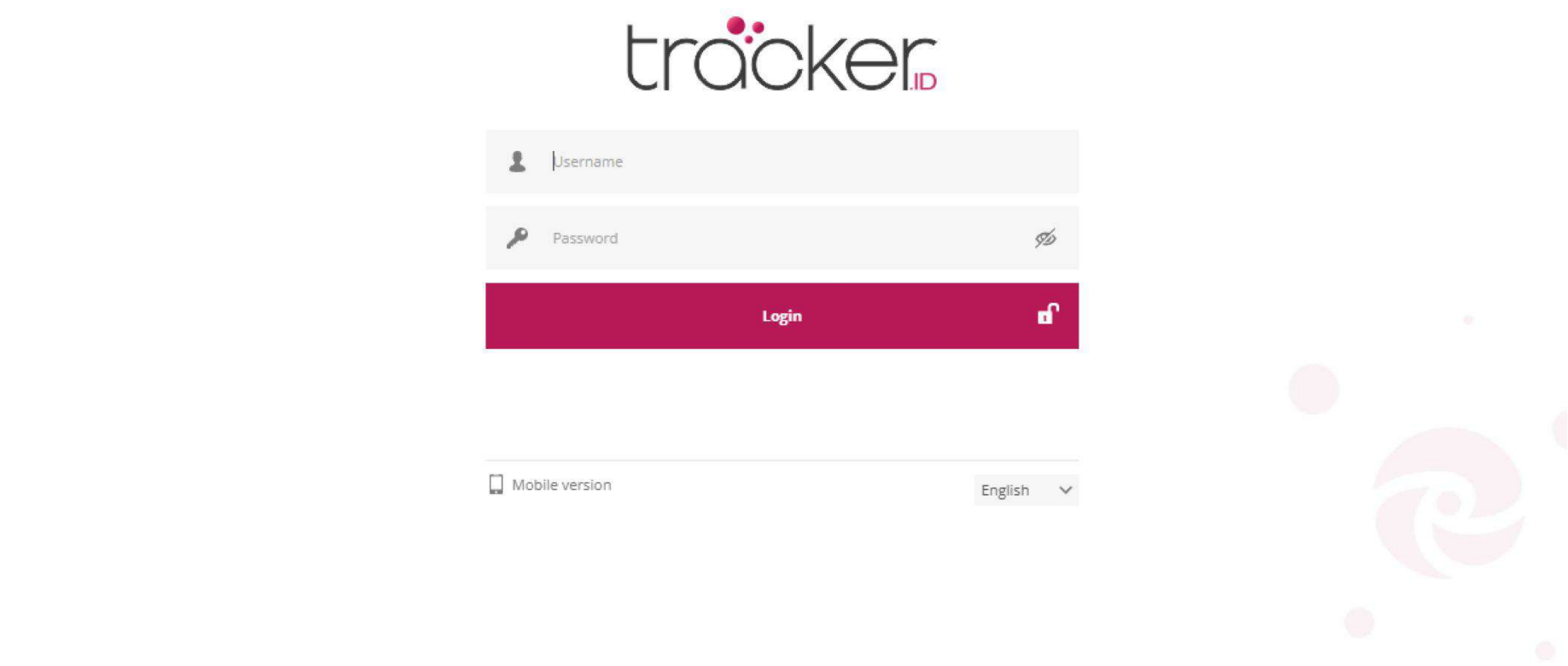
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Login Page

Login

Users need to enter the correct account and password to proceed to the workspace page.



Demo Account

Account with moving objects and test data to check software capabilities, settings are just for reference and can't be edited.

Demo account accessed details:

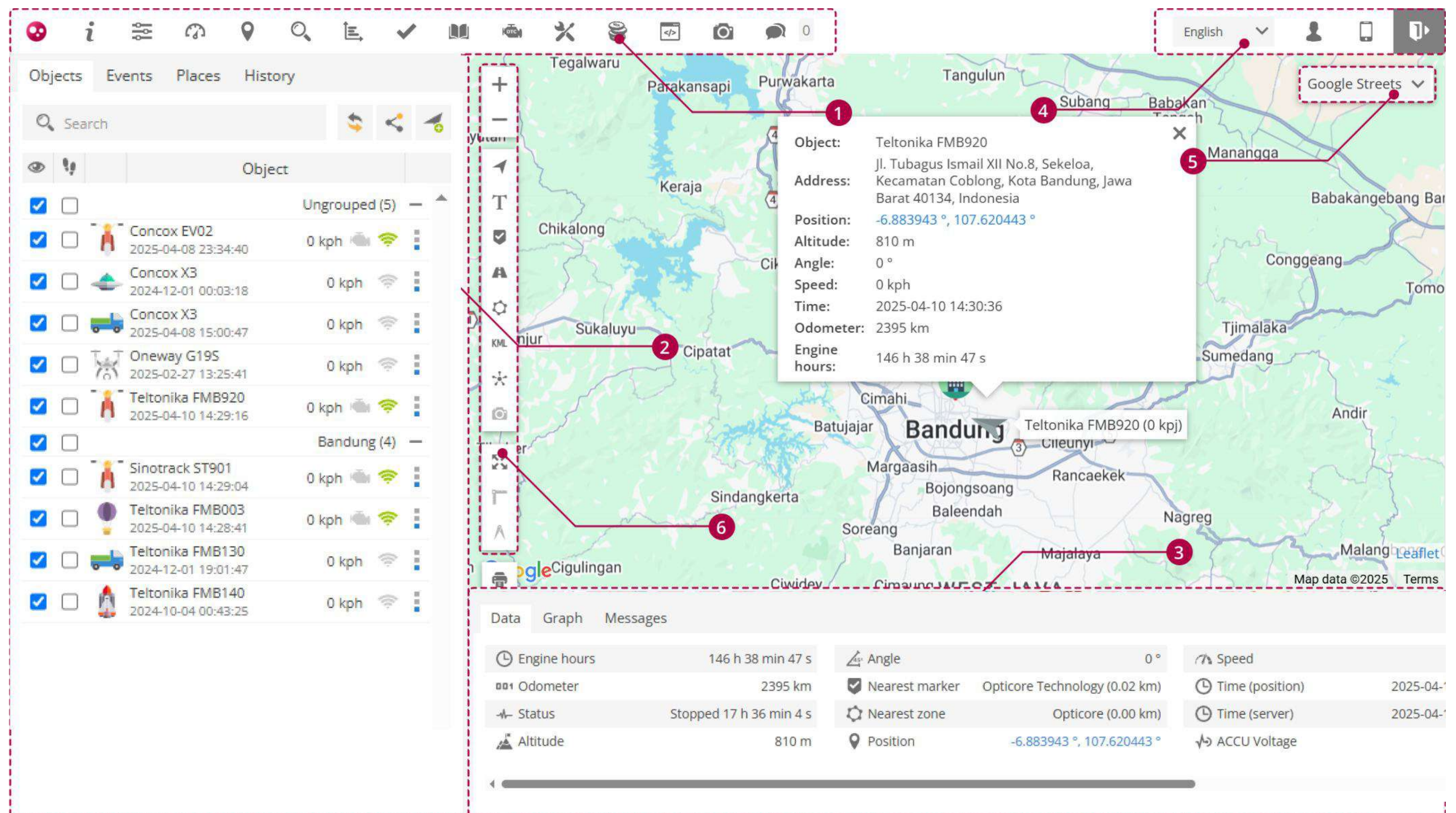
Username: demo
Password: demo123

Or you can visit the link <https://tracker.id/demo.php> to access the workspace page directly as a demo account.

Workspace

Menu Panel

After successfully authenticating, users will be redirected to the workspace page.



1 Top Panel

It contains menus for the application, help, settings, data summary dashboard, location search by coordinates, location search by address, reports, tasks, RFID and iButton logbook, DTC, maintenance, expenses, object control, media, and chat.

4 User Account Panel

It contains language settings, user account settings, mobile display settings, and an option to log out.

2 Side Panel

It contains data on the list of objects, object event list, places on the map (markers, routes, zones), and object history.

5 Map

It contains map settings, where users can choose between two map options: OSM and Google.

3 Bottom Panel
















It contains object data, object graphs, and parameter messages from objects for more accurate monitoring and analysis.

6 Map Control


It contains options for zooming in/out on the map, enabling/disabling objects, object labels, markers, routes, zones, KML, clusters, and cameras. Additionally, it allows users to display all objects in a single map view, use the ruler tool, measure areas, and print the map.

Top Panel

The top panel is used to access menus such as settings, reports, object control, chat, and more.




0



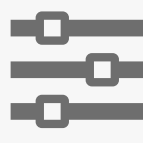
About

It contains the version of the application currently in use.




Help

It redirects to the user manual page on the gpstracking.id website.




Settings

It contains settings for objects, events, templates, KML, SMS, user interface, my account, and sub-accounts.




Dashboard

It contains a summary of data on objects.




Show Point

Location search by coordinates.




Address Search

Location search by address.




Reports

It contains a list of object report data, with options to modify, add, and delete data.




Tasks

It contains a list of object task data, with options to modify, add, and delete data.




RFID and iButton logbook

It contains a list of RFID and iButton data for drivers, trailers, and passengers.




DTC (Diagnostic Trouble Codes)

It contains a list of trouble codes received from devices compatible with OBD.




Maintenance

It contains a list of vehicle maintenance data, with options to modify, add, and delete data.



Expenses

It contains a list of expense data for vehicle maintenance, with options to modify, add, and delete data.



Object Control

It contains a list of object control data and menus for GPRS, SMS, schedules, and templates.





Image Gallery

It contains a list of image data from objects.



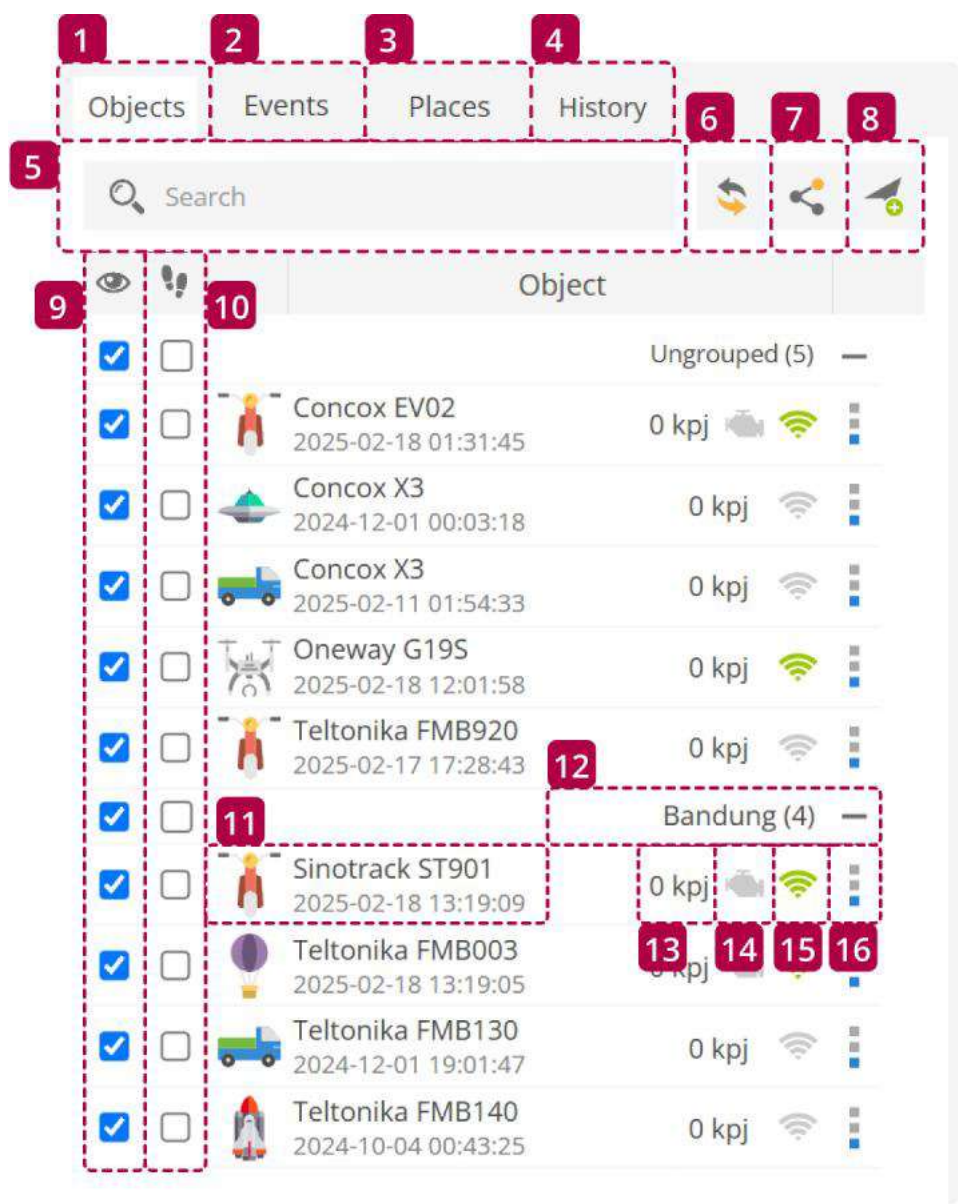
Chat

It contains chat data for communication with other drivers.






Page 3

Side Panel

The side panel is used to view, add, and modify the object data list, view event lists, manage map location data, and view object history.



Nama	Keterangan
1 Object	It contains a list of object data.
2 Events	It contains a list of object event data.
3 Places	It contains a list of location data on the map and features for managing them.
4 History	It contains a list of object history data.
5 Search	Search for objects by object name.
6 Reload	Reload the object list.
7 Share Position	Share object location.
8 Add Object	Add a new object.
9 Visibility Checkbox	Show or hide object visibility on the map.
10 Follow Checkbox	Follow or following the object on the map.
11 Object Information	It contains information on the object name, date, and time of the last received location.
12 Group	View object groups.
13 Speed Indicator	Display the object's current speed.

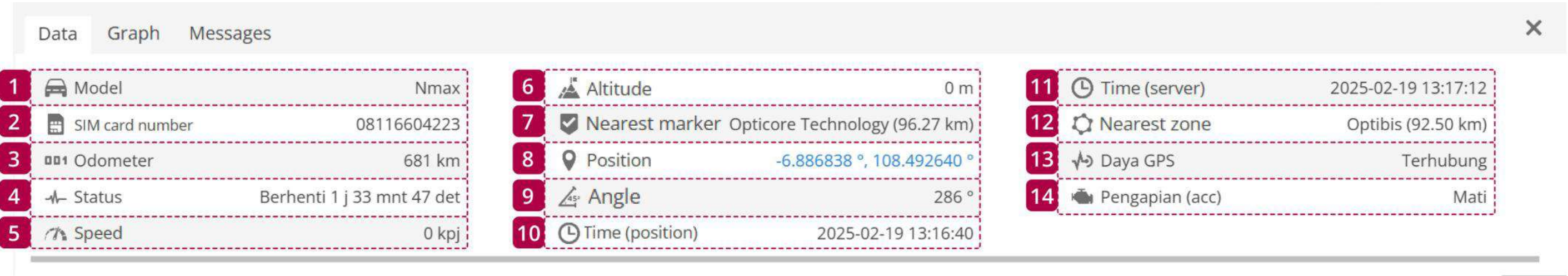
Nama	Keterangan
14 Ignition Indicator (ACC)	<p>Displays the ignition status. The ignition (ACC) sensor must be configured to use this feature.</p> <p> Indicates that the engine is running.</p> <p> Indicates that the engine is off.</p>
15 GPRS Indicator	<p>Displays the status of GPRS and GPS.</p> <p> GPRS and GPS are working properly.</p> <p> No GPS signal.</p> <p> No GPRS and GPS.</p>
16 Action	<p>It contains actions such as viewing object history, sending object commands, and modifying object settings.</p>

Bottom Panel

The bottom panel displays object information data, historical graph data, and message data.

Information Object Menu

This menu displays more detailed object information.

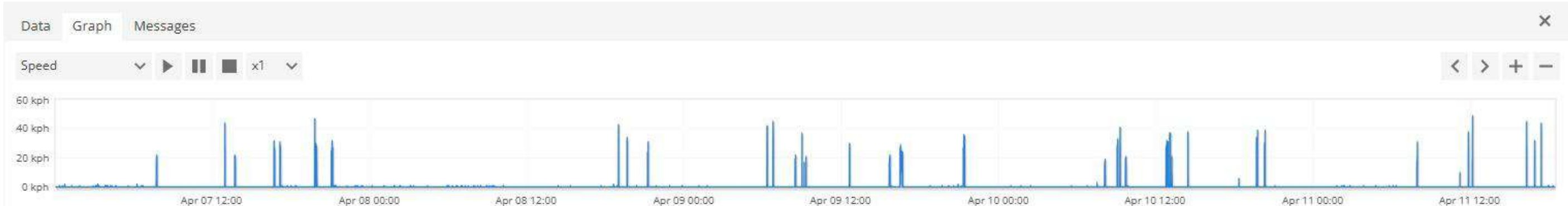


Nama	Keterangan
1 Model	Vehicle type.
2 SIM Card Number	Displays the SIM card number used by the object.
3 Odometer	Displays the total odometer distance traveled by the object.
4 Status	Displays the status duration of the object being in motion or stationary.
5 Speed	Displays the object's current speed.
6 Altitude	Displays the object's current altitude.
7 Nearest Marker	Displays the distance from the current point to the nearest created zone.
8 Position	Displays the coordinates of the object's current location.
9 Angle	Displays the object's current angle (0 - 360° clockwise movement).

Nama	Keterangan
10 Time (position)	Displays the last known GPS location time.
11 Time (server)	Displays the last communication time between the GPS device and the server.
12 Nearest Zone	Displays the distance from the current point to the nearest created zone.
13 GPS Power	Displays the GPS power status (connected/disconnected).
14 Ignition (ACC)	Displays the ignition (ACC) status as on or off.

Object Graph Menu

This menu displays information in graphical form for the selected object over a specific time period.



1. **Graph** – Contains object information in graphical form.

2. **Sensor** – Contains a list of sensor data to select one of the available GPS device sensors.

3. **Control** – Plays, pauses, and stops route playback.
4. **Point Details** – Displays object details at the selected point.

5. **Arrow** – Moves the graph position.

6. **Zoom Control** – Zooms in and out of the graph.

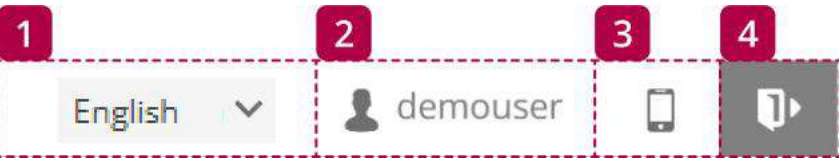
Object Messages Menu

This menu displays information sent by the GPS device to the GPS server application over a specific time period.

Data	Graph	Messages
<input type="checkbox"/>	Time (position) ▾	Time (server)
<input type="checkbox"/>	2025-04-11 18:27:21	2025-04-11 18:27:23
<input type="checkbox"/>	2025-04-11 18:26:21	2025-04-11 18:26:25
<input type="checkbox"/>	2025-04-11 18:25:22	2025-04-11 18:25:24
<input type="checkbox"/>	2025-04-11 18:24:22	2025-04-11 18:24:26
<input type="checkbox"/>	2025-04-11 18:23:23	2025-04-11 18:23:26
	Latitude	Longitude
	-6.886800	108.492510
	-6.886795	108.492538
	-6.886757	108.492537
	-6.886782	108.492477
	-6.886750	108.492525
	Altitude	Angle
	0 m	0
	0 m	0
	0 m	0
	0 m	0
	0 m	0
	Speed	Parameters
	0 kph	acc=0, backbat=1, batdem=1, cellid=50487, custala=0, door=1, engine=1, gpsantd=1, gpsantsc=1, gpsrecfault=1, hls1=
	0 kph	acc=0, backbat=1, batdem=1, cellid=50487, custala=0, door=1, engine=1, gpsantd=1, gpsantsc=1, gpsrecfault=1, hls1=
	0 kph	acc=0, backbat=1, batdem=1, cellid=50487, custala=0, door=1, engine=1, gpsantd=1, gpsantsc=1, gpsrecfault=1, hls1=
	0 kph	acc=0, backbat=1, batdem=1, cellid=50487, custala=0, door=1, engine=1, gpsantd=1, gpsantsc=1, gpsrecfault=1, hls1=
	0 kph	acc=0, backbat=1, batdem=1, cellid=50487, custala=0, door=1, engine=1, gpsantd=1, gpsantsc=1, gpsrecfault=1, hls1=

User Account Panel

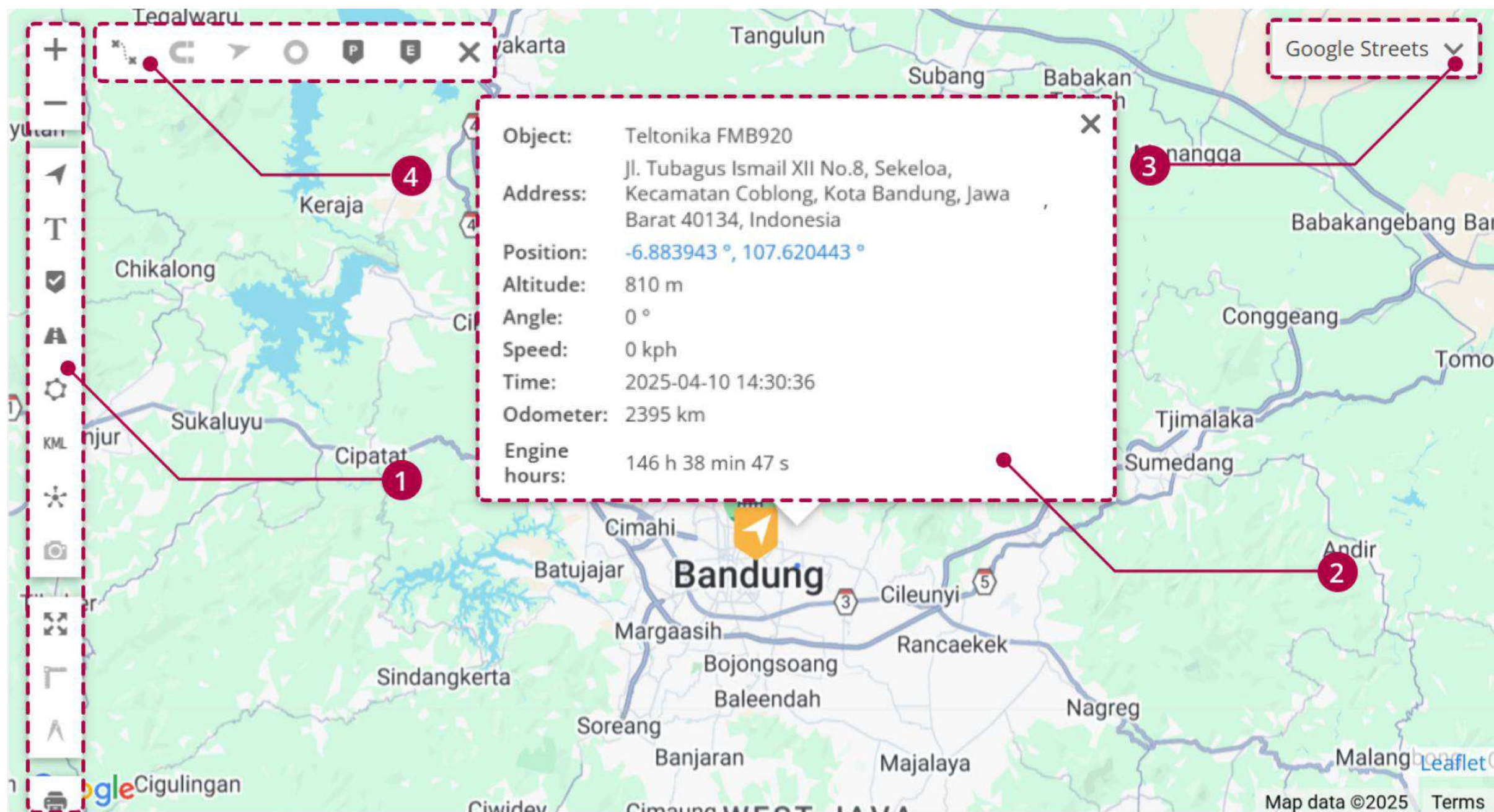
The user account panel contains options for language selection, user account settings, mobile version display, and logout.



Name	Description
1 Change Language	Contains application language settings, allowing users to choose between Indonesian and English.
2 User Account	Displays information about the user account.
3 Mobile Version	Opens the mobile version of the TrackerID application.
4 Logout	Logs out of the TrackerID user account.

Map Panel

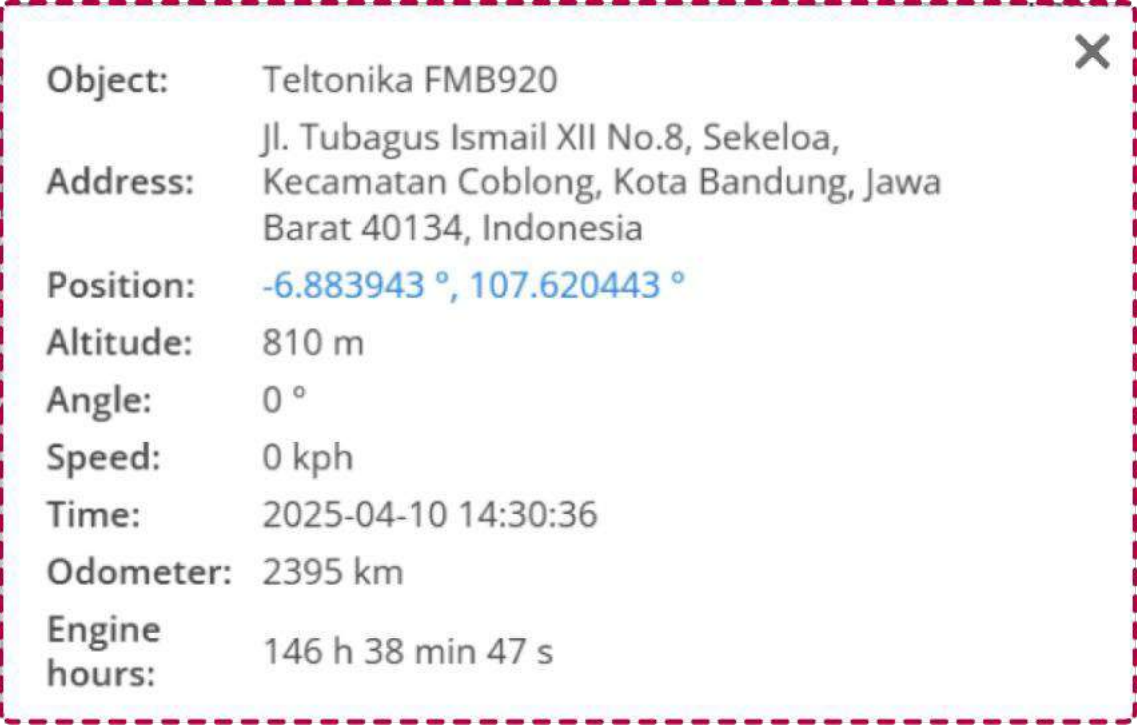
The map panel displays the current location of objects and provides detailed information about them, such as address, speed, altitude, angle, and time.



1. Map Control

This panel contains various map settings and features to customize the display and information shown.

	Zoom In Zoom in the map.		Zoom Out Zoom out the map.		Object Enable or disable the visibility of all objects on the map.
	Object Labels Enable or disable the visibility of all object labels on the map.		Markers Enable or disable the visibility of all markers on the map.		Routes Enable or disable the visibility of all routes on the map.
	Zones Enable or disable the visibility of all zones on the map.		KML Enable or disable the visibility of all KML geodata on the map.		Cluster Combine nearby markers and objects based on the map's zoom level.
	Camera Enable or disable the latest images from the device on the map.		Fit objects on map Display all objects in a single map view.		Ruler Measure the distance between points.
	Measure Area Measure the area of the marked region on the map.		Print Map Print the selected map area in portrait or landscape format.		



2. Object Details

Displays detailed information about the object and can be modified or added in the object settings.




3. Map Selection

Contains map settings, allowing users to choose between two map options: OSM and Google.




4. Route Control

Route control appears when the object's history is loaded and can adjust the information on the map.




Routes

Enable or disable the visibility of travel routes on the map.




Snap

Enable or disable the visibility of snap on the map.




Arrow

Enable or disable the visibility of the direction arrows for the object's travel.




Data Points

Enable or disable the point where the device sends information to the application.




Stop

Enable or disable markers that indicate the location of stop objects on the map.



Events

Enable or disable markers on the map that indicate the location of event creation.



Hide

Close the route controls.

Menu

Settings

The settings menu is used to configure objects, events, templates, KML, SMS, user interface, my account, and sub-accounts.



The settings menu is located in the top panel.

Settings

ObjectsEventsTemplatesKMLSMSUser interfaceMy accountSub accounts

Newly added objects can be used for 14 days free.

ObjectsGroupsDriversPassengersTrailers

Search

	Name ^	IMEI	Group	Active	Expires on	
<input type="checkbox"/>	Concox EV02	352503094123996		✓		
<input type="checkbox"/>	Concox X3	865135060475686		✓		
<input type="checkbox"/>	Concox X3	351510091408446		✓		
<input type="checkbox"/>	Oneway G19S	860465042686224		✓		
<input type="checkbox"/>	Sinotrack ST901	8170613304	Bandung	✓		
<input type="checkbox"/>	Teltonika FMB003	353201352711698	Bandung	✓	2025-11-30	
<input type="checkbox"/>	Teltonika FMB130	353201358538947	Bandung	✓		
<input type="checkbox"/>	Teltonika FMB140	359633109409750	Bandung	✓		
<input type="checkbox"/>	Teltonika FMB920	350612079979090		✓		

+

<Page 1 of 1>50

View 1 - 9 of 9

Edit

Change object settings

Duplicate

Create a duplicate object with the same details except for the name and IMEI

Delete History

Deleting the history of the object and object events

Delete

Permanently delete the object

Edit Object

Edit object

MainIconFuel consumptionAccuracySensorsServiceCustom fieldsInfo

Main

Name

IMEI

Transport model

VIN

Plate number

Group

Driver

Trailer

GPS device

SIM card number

Counters

Odometer (km)

Engine hours (h)

1

Concox EV02

2

352503094123996

3

4

5

6

Ungrouped

7

Auto assign

8

Auto assign

9

10

80246

11

GPS

5077

12

Off

0

Save

Cancel

Name	Description
1 Name	Object name
2 IMEI	GPS device IMEI number
3 Transportation Model	Example: BMW 750
4 VIN	Vehicle VIN number
5 Plate number	Vehicle plate number
6 Group	Assign object to an existing group

Name	Description
7 Driver	<div><div>1. No Driver</div><div>No driver assigned to the vehicle.</div><div>2. Automatic Assignment</div><div>Automatically detects driver changes according to RFID/iButton parameters. RFID/iButton configuration is required to use this feature.</div><div>3. Driver Name</div><div>The name of the driver that has been previously created.</div></div>
8 Trailer	<div><div>1. No Trailer</div><div>No trailer is assigned to the vehicle.</div><div>2. Automatic Assignment</div><div>Automatically detects trailer changes according to RFID/iButton parameters. RFID/iButton configuration is required to use this feature.</div><div>3. Trailer Name</div><div>The name of the trailer that has been previously created.</div></div>
9 GPS device	Enter GPS device model information (optional).
10 SIM card number	Enter the SIM card number information (optional).
11 Odometer (km)	<div>You can set how many kilometers the vehicle travels</div> <div><div>1. OFF</div><div>2. GPS</div><div>Calculating distance using GPS location points. The odometer results and vehicle system may vary</div><div>3. Sensor</div><div>The system will take data from the device's sensors.</div></div>
12 Engine hours (h)	<div>You can set how many hours the machine operates</div> <div><div>1. OFF</div><div>2. ACC</div><div>Calculating machine hours using the Ignition sensor. The results for hours and the vehicle's engine system may vary.</div><div>3. Sensor</div><div>The system will collect data from the device's sensor.</div></div>

Object Icon

Edit object

MainIconFuel consumptionAccuracySensorsServiceCustom fieldsInfo

Icon

Shown icon on map

1

Arrow

▼

No connection arrow color

2

Black

▼

Stopped arrow color

3

Red

▼

Moving arrow color

4

Green

▼

Engine idle arrow color

5

Orange

▼

Icon

6

Tail

Tail color

7

00FF44

Tail points quantity

8

7

Save

Cancel

Name		Description
1	Shown icon on map	Change the appearance of the object on the map (arrow or icon).
2	No connection arrow color	Change the color of the object on the map when there is no connection or when offline.
3	Stopped arrow color	Change the color of the object on the map when it stops.
4	Moving arrow color	Change the color of the object on the map when it is moving.
5	Engine idle arrow color	Change the color of the object on the map when the engine is idle.
6	Icon	Change the object's icon.
7	Tail color	Change the tail color when the object is moving.
8	Tail points quantity	Adjust the length of the tail line when the object is moving.

Fuel Consumption

Note: Fuel consumption statistics may not match actual fuel usage. To view it in the report, adjust the fuel consumption parameters.

Edit object

Main

Icon

Fuel consumption

Accuracy

Sensors

Service

Custom fields

Info

Calculation

Source

Measurement

Cost per liter

1Rates

2l/100km

30

Rates

Summer rate (kilometers per liter)

Winter rate (kilometers per liter)

Winter from

Winter to

40

50

612-01

703-01

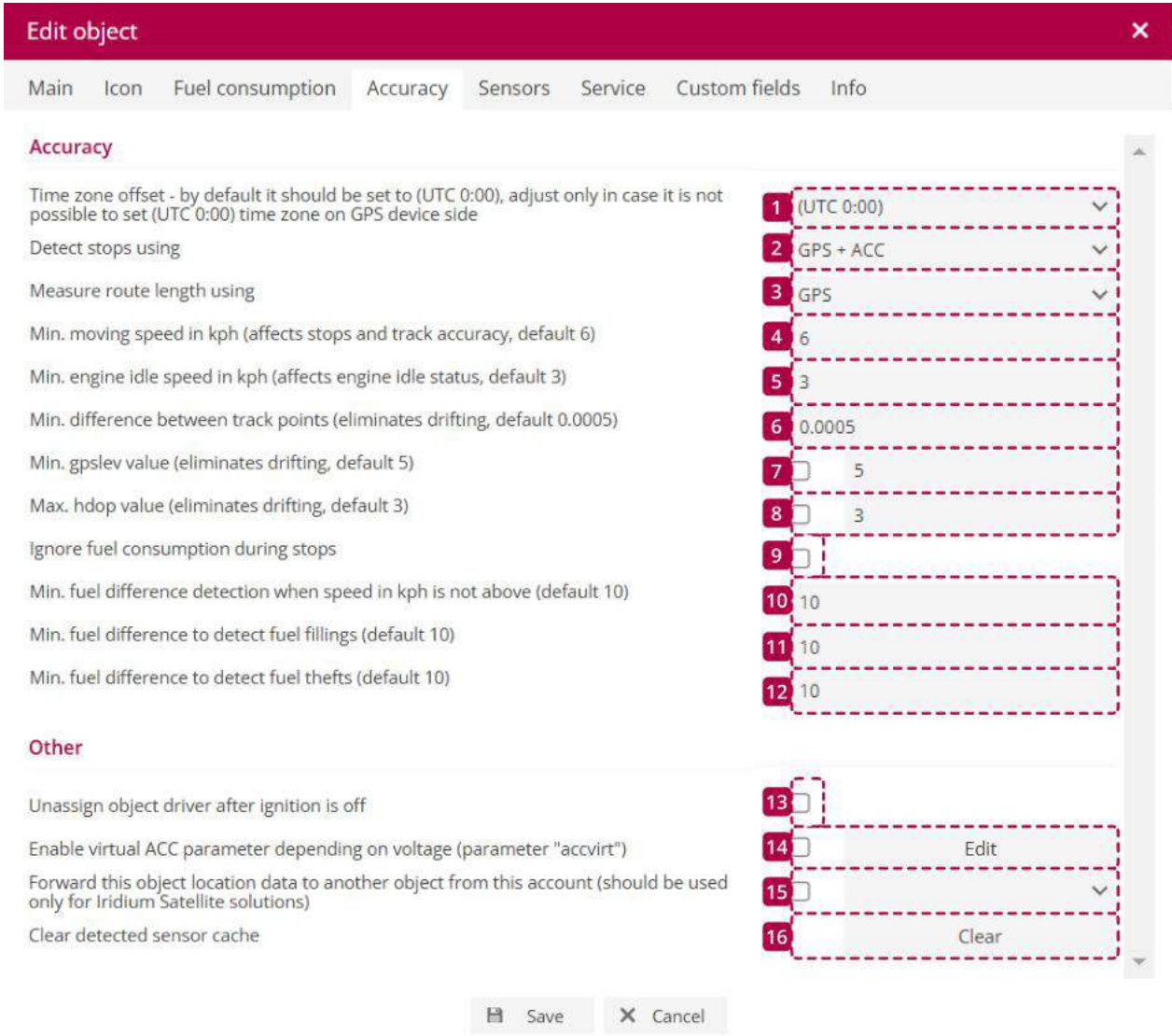
Save

Cancel

Name	Description
1 Source	<div>1. Costs</div> <div>Calculations will be made according to the established rates.</div> <div>2. Fuel Level</div> <div>Calculations will be based on the established fuel level sensor.</div> <div>3. Fuel Consumption</div> <div>Calculations will be based on the established fuel consumption sensor.</div>
2 Measurement	Select a measurement unit.
3 Cost per liter	Enter cost per liter / gallon.
4 Summer rate (kilometers per liter)	Enter the distance the vehicle can travel per liter of fuel during the summer.
5 Winter rate (kilometers per liter)	Enter the distance the vehicle can travel per liter of fuel during the winter.
6 Winter from	Enter the start date of winter.
7 Winter to	Enter the end date of winter.

Accuracy

The accuracy menu is used to precisely adjust GPS device data.

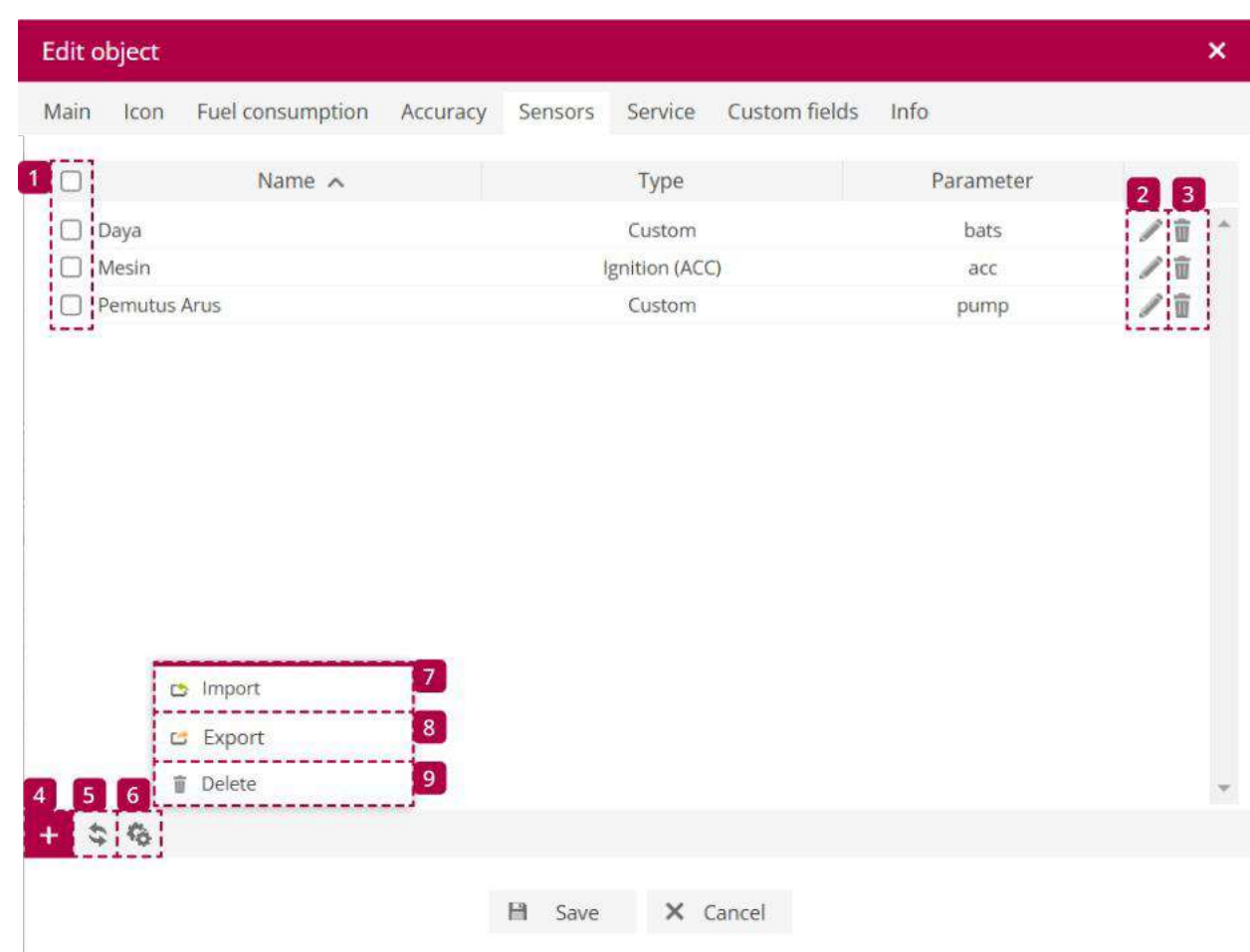


Nama		Keterangan
1	Time Zone	By default, it should be set to (UTC 0:00)
2	Detect stops using	GPS: Stops are calculated using GPS location points. ACC: Stops are calculated based on the ignition sensor status, the ignition sensor must be set correctly. GPS + ACC: Stops are calculated based on both options.
3	Measure route length using	GPS: Uses GPS location data. Odometer Sensor: Uses readings from the odometer sensor.
4	Min. moving speed in kph	Set the minimum speed for the object.
5	Min. engine idle speed in kph	Set the minimum idle for the object.
6	Min. difference between track points	Remove inaccurate GPS device location points.
7	Min. gpslev value	Filter location points based on GPS signal.
8	Max. hdop value	Filter location points based on horizontal dilution of precision (HDOP).
9	Ignore fuel consumption during stops	Detect fuel filling or theft when speed is below the threshold (default 10 km/h) and prevent false detection while the vehicle is moving.
10	Min. fuel difference detection when speed in kph is not above (default 10)	Set the speed threshold to detect fuel filling or theft (default 10 km/h)
11	Min. fuel difference to detect fuel fillings (default 10)	Set the minimum sensor change threshold to detect fuel filling (e.g., 10%).
12	Min. fuel difference to detect fuel thefts (default 10)	Set the minimum sensor change threshold to detect fuel theft (e.g., 10%).

Nama	Keterangan
13 Unassign object driver after ignition is off	Remove the automatically assigned driver from the object.
14 Enable virtual ACC parameter depending on voltage (parameter "accvirt")	Adjust the ignition sensor based on voltage parameters.
15 Forward this object location data to another object from this account (should be used only for Iridium Satellite solutions)	Switch to another tracking device to continuously store history. If the cellular or GPRS internet connection is lost, the system will switch to the Iridium satellite solution.
16 Clear detected sensor cache	Remove all detected device sensors.

Sensors

Add a GPS sensor and assign it to the object. The types of sensors available depend on the GPS device model and how it operates.



Nama	Keterangan
1 Checkbox	Mark all sensor lists.
2 Edit	Open the sensor edit menu.
3 Delete	Permanently remove the sensor.
4 Add	Add a new sensor.
5 Reload	Update the sensor list.
6 Action	Open the action menu.
7 Import	Import previously saved sensor configuration.
8 Export	Export sensor configuration for later use.
9 Delete Selected	Remove all selected sensors.

Sensor Properties

Adding a GPS sensor to the object. The type of sensor available depends on the GPS device model and how it operates.

Sensor properties

Sensor

Name

Type

Parameter

Data list

Popup

Battery

☒

☐

Calibration

X

Y

Dictionary

Value

Text

Result

Type

Units of measurement

If sensor "1" (text)

If sensor "0" (text)

Formula

Lowest value

Highest value

Ignore if ignition is off

Value

$(X+1)/2*3$

☐

X

Y

+

Sensor result preview

Current value

>

Result

Save

Cancel

Results

Type – This option depends on the type of sensor selected.

Unit of measurement – The unit of value based on the type of sensor (e.g., liters, gallons, volts, etc.).

Note: Make sure to select the appropriate sensor type according to the tracker documentation.

If sensor "1" (text) – Displays specific text if the result value is 1.

Example: If the sensor is used to monitor machine status, when the machine is on, the text could be displayed as "ON".

If sensor "0" (text) – Displays specific text if the result value is 0.

Example: If the sensor is used to monitor machine status, when the machine is off, the text could be displayed as "OFF".

Formula – In some cases, it is necessary to perform calculations on the device results to obtain the correct value.

Note: For more details, refer to your GPS device user manual. In the formula field, you can multiply, divide, add, subtract, and use parentheses. X represents the value sent by the device.

Sensor

Name – Sensor name.

Type – The type of sensor suitable for a specific task.

Note: Make sure to select the appropriate sensor type according to the GPS device documentation.

Parameters – Parameters used by the GPS device sensor.

For Teltonika devices, references can be found on the Teltonika wiki page.

Data List – The sensor will be displayed in the object detail panel.

Popup – The sensor will be displayed in a popup on the map.

6. Lowest Value – The lowest sensor value.

7. Highest Value – The highest sensor value.

8. Ignore if ignition is off – Sensor information will be ignored when the engine is not running.

Calibration Table

Converts sensor readings into actual values.

Dictionary Table

Assigns text to specific parameter values, which will be displayed in the object detail panel and popup on the map.

Sensor Result Preview

Checks the values received from the GPS device as well as information after applying formulas, calibration tables, or dictionary tables.

Notes

Depending on sensor and result type parameters you will be able to enter lowest and highest values. This option allows to configure value range. Example: if need to monitor vehicle fuel level and GPS device is sending volts instead of real capacity, we need to know voltage of empty and full fuel tank (example: empty tank: 3 volts, full tank: 10 volts, according to these values: lowest value: 3, highest value: 10).

Formula bar allows conversion from HEX string

substr(x,offset,length) – allows to get portion of string or value

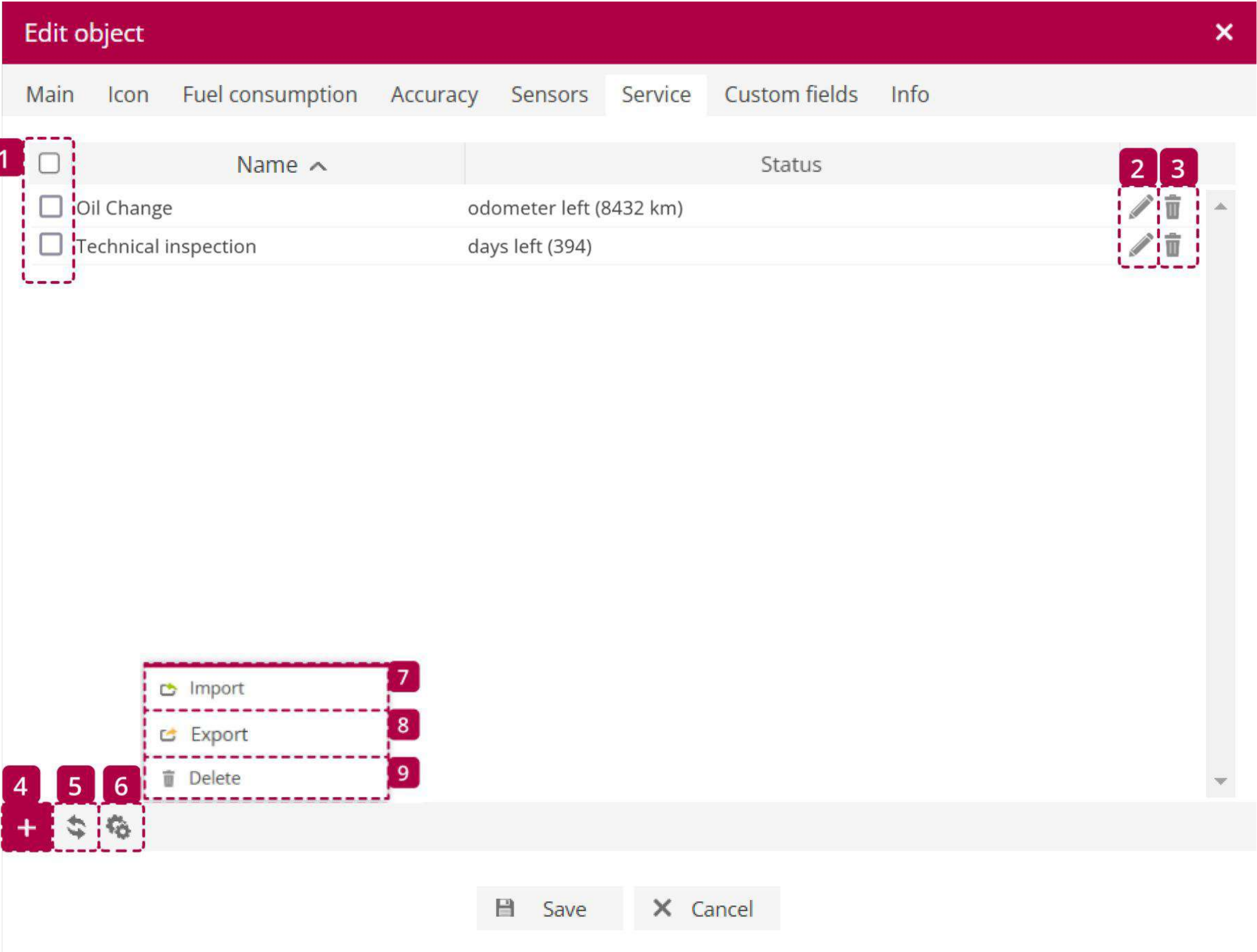
hextodec(x) – converts HEX to DEC

hextobin(x)(y) - converts HEX to BIN and read proper bit status, f.e. hextobin(x)(1) will give result 1 from 0x00 0x02

hextodec(substr(x,offset,length)) - allows to get portion of string or value and convert HEX to DEC

Service

Adding a GPS sensor to the object. The type of sensor available depends on the GPS device model and how it operates.



Nama		Keterangan
1	Checkbox	Mark all maintenance lists.
2	Edit	Opening the maintenance edit menu.
3	Delete	Permanently deleting maintenance.
4	Add	Adding new maintenance.
5	Reload	Updating the maintenance list.
6	Action	Opening the action menu.
7	Import	Importing previously saved maintenance configurations.
8	Export	Exporting maintenance configurations for later use.
9	Delete Selected	Deleting all selected maintenance.

Service Properties

Set reminders for vehicle service, such as oil changes or insurance expiration.

Service properties

Service

Name

Data list

☐

Popup

☐

Odometer interval (km)

☐

Last service (km)

Engine hours interval (h)

☐

Last service (h)

Days interval

☐

Last service

Trigger event

Odometer left (km)

☐

Update last service

☐

Engine hours left (h)

☐

Days left

☐

Current object counters

Current odometer (km)

6178

Current engine hours (h)

0

Save

Cancel

Service

Name – Names of service tasks.

Data List – Displays upcoming service information in the data list tab on the lower panel.

Popup – Sends service event notifications through system popup notifications.

Odometer interval (km) – Sets the odometer reading when the service event is created.

Engine hours interval (h) – Sets the number of engine hours when service is created.

Days interval – Sets the time period (days) when service is created.

Last service (km) – Inputs the odometer reading when the last service was performed.

Last service (h) – Inputs the engine hours reading when the last service was performed.

Last service – Inputs the date when the last service was performed.

Trigger event

Odometer left (km) – Sets the remaining distance before service to trigger a notification. For example, if set to 50 km, the notification appears 50 km before the distance is reached.

Engine hours left (h) – Sets the remaining engine hours before service to trigger a notification. For example, if set to 40 hours, the notification appears 40 hours before the interval is reached.

Days left – Sets the remaining days before service to trigger a notification. For example, if set to 15 days, the notification appears 15 days before the interval is reached.

Update last service – Automatically updates information by repeating the intervals for odometer, engine hours, or number of days.

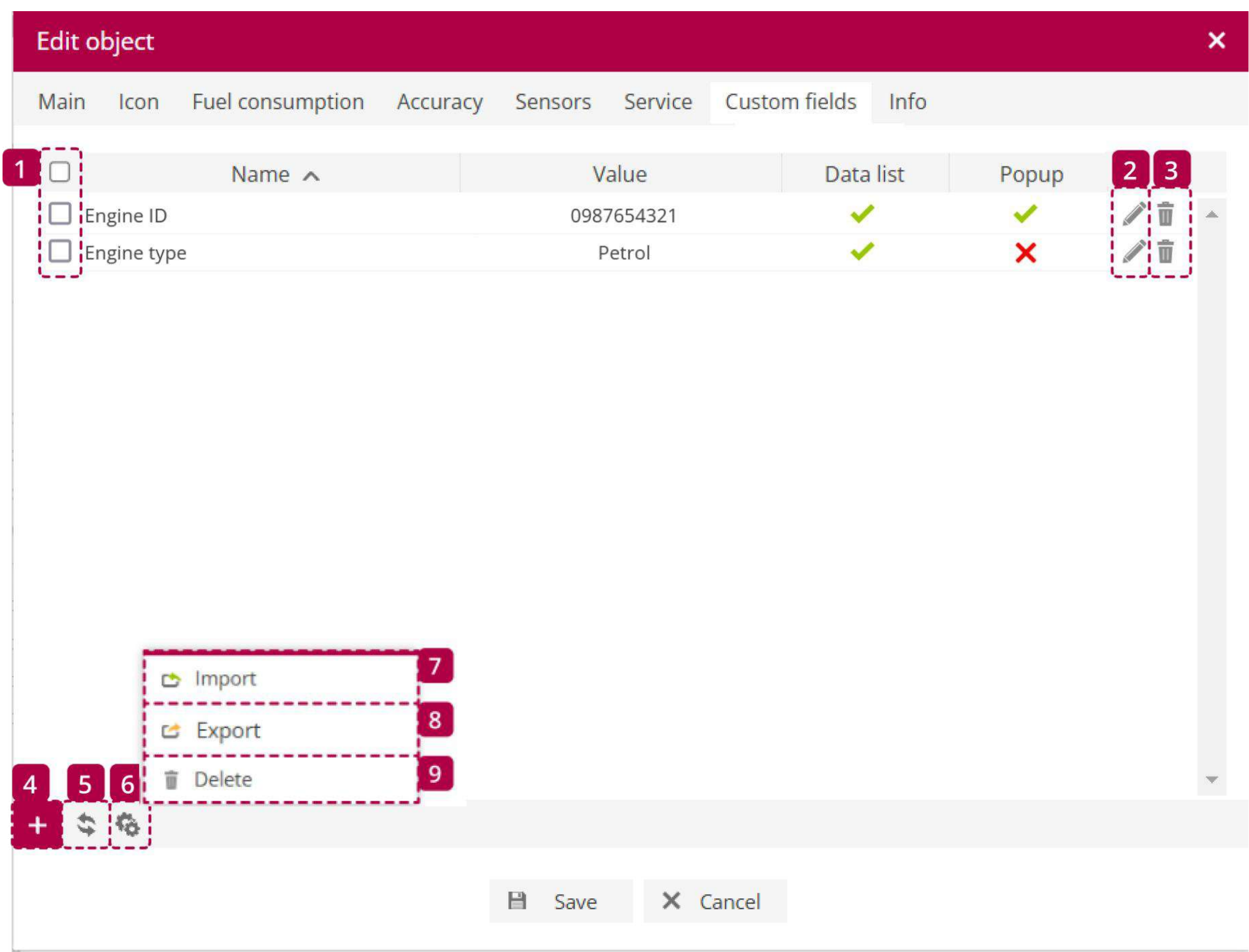
Current object counters

Current odometer (km) – Displays the current odometer reading of the vehicle.

Current engine hours (h) – Displays the current number of engine hours of the vehicle.

Custom Fields

Custom columns add additional information to the object.



Name		Description
1	Checkbox	Select all custom column lists.
2	Edit	Open the custom column edit menu.
3	Delete	Permanently delete custom columns.
4	Add	Add a new custom column.
5	Reload	Updating the list of custom columns.
6	Action	Open the action menu.
7	Import	Import previously saved custom column configurations.
8	Export	Export custom column configurations for later use.
9	Delete Selected	Delete all selected custom columns.

Custom Fields Properties

To create a new custom fields, press the plus button at the bottom of the window.

Custom field properties

Name

Value

Data list

☒

Popup

☒

Save

Cancel

Custom Field
Name – The name of the custom column.
Value – Enter the value for the new custom column.
Data List – Enables the custom column to be visible in the data list tab at the bottom panel.
Popup – Enables the custom column to be visible in the popup window at the bottom panel.

Info

Displays complete information about the object, including coordinates, speed, time, device protocol, altitude, and angle.

Edit object

Main

Icon

Fuel consumption

Accuracy

Sensors

Service

Custom fields

Info

Data	Value
Altitude	0 m
Angle	208 °
Latitude	-6.152602 °
Longitude	106.811884 °
Parameters	acc=0, batl=6, bats=1, cellid=33905, lac=1301, mcc=510, mnc=10, pump=0, track=1
Protocol	concoxgt02
Speed	0 kph
Time (position)	2025-04-13 13:45:13
Time (server)	2025-04-13 13:45:15

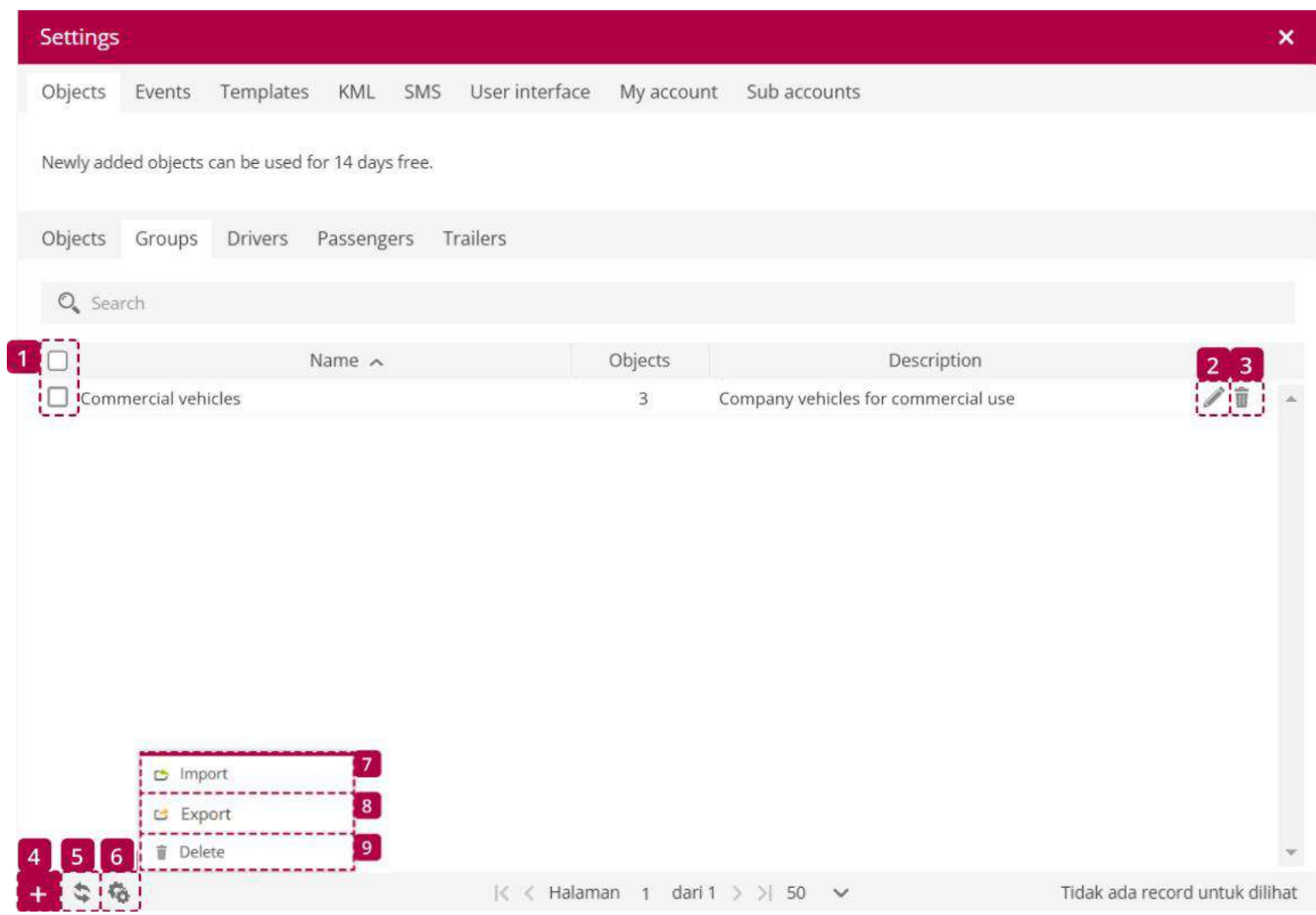
Save

Cancel

- 1. **Data** – Type of information.
- 2. **Value** – Information received from the GPS device.
- 3. **Reload** – Updates the data received in the value column.

Group

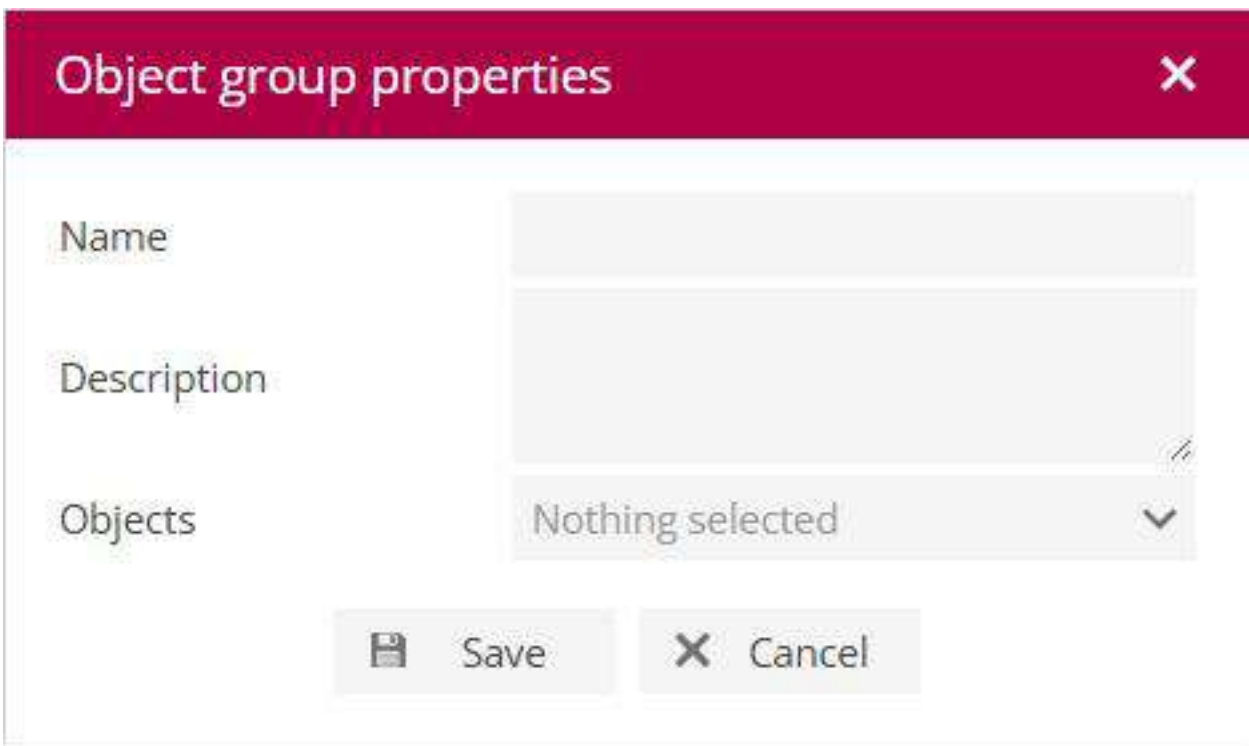
Object grouping, useful for managing multiple objects.



Name		Description
1	Checkbox	Select all group lists.
2	Edit	Open the group edit menu.
3	Delete	Permanently delete the group.
4	Add	Adding a new group.
5	Reload	Updating the group list.
6	Action	Open the action menu.
7	Import	Import previously saved group configurations.
8	Export	Export group configuration for later use.
9	Delete Selected	Deleting all selected groups.

Group Properties

To create a new group, press the plus button at the bottom of the window.

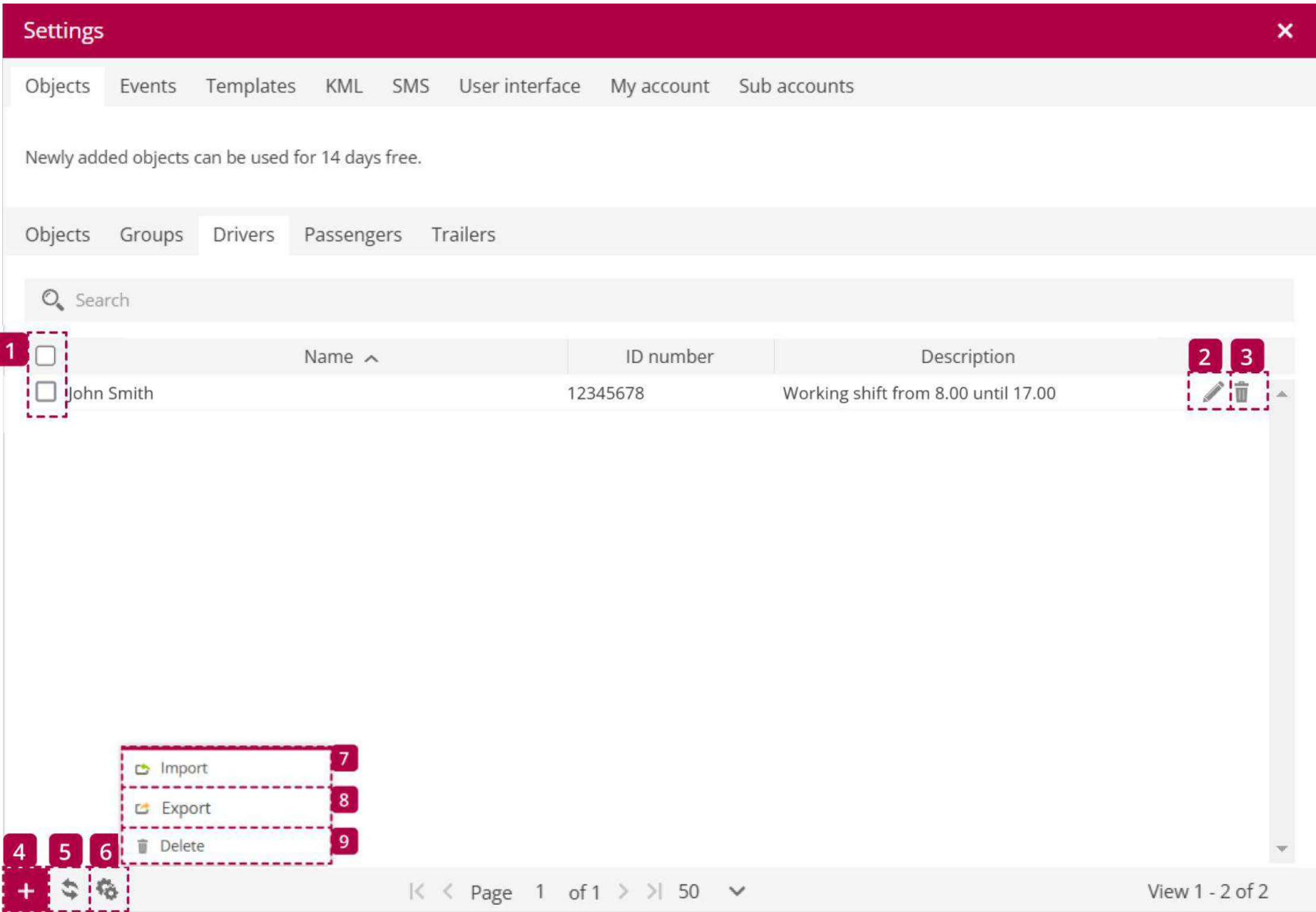


- Group Objects**
- Name** – Name of the group.
 - Description** – Description of the new group.
 - Objects** – Select objects to be added to the group.

Driver

Add drivers and assign them to objects to identify and collect user information. Driver information is displayed in the object detail panel (available when the object, events, or history tab is selected) and in reports.

Driver objects can be configured to log driver changes. For example: If John is driving a vehicle and then replaced by Tom, this change is sent to the system (with GPS devices configured using iButton or RFID).



Name		Description
1	Checkbox	Select all driver listings.
2	Edit	Open the driver edit menu.
3	Delete	Permanently delete the driver.
4	Add	Adding a new driver.
5	Reload	Updating the driver list.
6	Action	Open the action menu.
7	Import	Import previously saved driver configurations.
8	Export	Export driver configuration for later use.
9	Delete Selected	Deleting all selected drivers.

Driver Properties

To create a new driver, press the plus button at the bottom of the window.

Object driver properties

Name

RFID, iButton, Blue ID

ID number

Address

Phone

E-mail

Description

Upload

Delete

Save

Cancel

- Driver Object**
- Name** – Driver's name.
- RFID, iButton, Blue ID** – Enter the RFID, iButton, or Blue ID code, required for automatic driver assignment.
- ID Number** – Driver's ID number.1`
- Address** – Driver's address.
- Phone** – Driver's phone number.
- Email** – Driver's email address.
- Description** – A brief description of the driver.
- Upload** – Add a photo of the driver.
- Delete** – Remove the driver's photo.

Passengers

Adding passengers that can be detected with RFID/iButton to gather information about them. Passenger information is displayed in the object detail panel (available when the object, events, or history tab is selected) and in reports.

To use this feature, the Passenger Assign sensor must be configured. The system can also log passenger changes if the GPS device is configured with iButton.

Settings

Objects

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Templates

KML

SMS

User interface

My account

Sub accounts

Newly added objects can be used for 14 days free.

Objects

Groups

Drivers

Passengers

Trailers

Search

1

☐

Name ^

ID number

Description

☐

John Smith

1234567890

2

3

4

5

6

Import

Export

Delete

7

8

9

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Page 1 of 1

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View 1 - 2 of 2

Name		Description
1	Checkbox	Select all passenger lists.
2	Edit	Open the passenger edit menu.
3	Delete	Permanently deleting the passenger.
4	Add	Adding a new passenger.

Nama		Keterangan
5	Reload	Updating the passenger list.
6	Action	Opening action menu
7	Import	Importing previously saved passenger configuration.
8	Export	Exporting passenger configuration for later use.
9	Delete Selected	Deleting all selected passengers.

Passengers Properties

To create a new passenger, press the plus button at the bottom of the window.

Object passenger properties

Name

RFID, iButton, Blue ID

ID number

Address

Phone

E-mail

Description

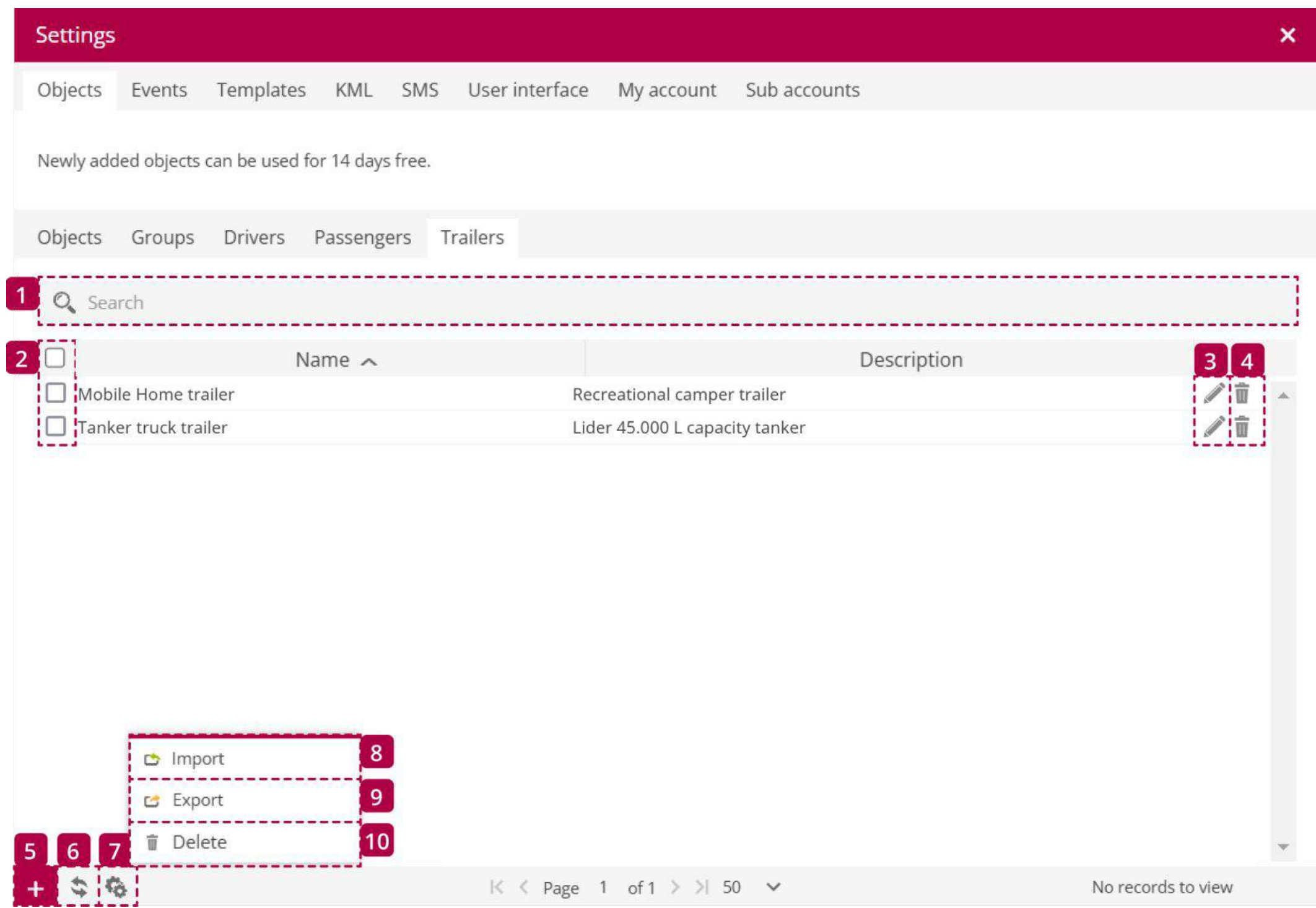
SaveCancel

Passenger Object
Name – Names of the passengers.
RFID, iButton, Blue ID – Enter the RFID code, iButton, or Blue ID, required for automatic passenger assignment.
ID Number – Passenger ID number.
Address – Passenger address.
Phone – Passenger phone number.
Email – Passenger email address.
Description – A brief description of the passenger.

Trailer

Adding a trailer and assigning it to an object to identify and record trailer changes. Trailer information is displayed in the object detail panel (available when the Object, Events, or History tab is selected) and in reports.

To use this feature, the GPS device must be configured with an iButton or RFID.



Name		Description
1	Search	Searching for trailers by name.
2	Checkbox	Select all trailer listings.
3	Edit	Opening the trailer edit menu.
4	Delete	Permanently deleting the trailer.
5	Add	Adding a new trailer.
6	Reload	Updating the trailer list.
7	Action	Opening the action menu.
8	Import	Importing previously saved trailer configurations.
9	Export	Exporting trailer configurations for later use.
10	Delete Selected	Deleting all selected trailers.

Trailer Properties

To create a new trailer, press the plus button at the bottom of the window.

Object trailer properties

Name

RFID, iButton, Blue ID

Transport model

VIN

Plate number

Description

Save

Cancel

Trailer Object
Name – Trailer name.
RFID, iButton, Blue ID – Enter the RFID, iButton, or Blue ID code, required for automatic trailer assignment.
Transportation model – Model information.
VIN – Trailer VIN number.
Plate number – Trailer license plate.
Description – A brief description of the trailer.

Events

Events are used to trigger actions based on significant or disruptive activities. Customers receive instant SMS/email notifications when certain events occur.

Settings

Objects

Events

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KML

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1

Search

2

	Name ^	Active	System	Push notification	E-mail	SMS	3	4
<input type="checkbox"/>	Darurat	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Jadwal Perawatan	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Kecepatan Tinggi	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Keluar Kantor	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Koneksi Bermasalah	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Masuk Kantor	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Mesin Hidup	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Mesin Hidup 140	✗	✓	✗	✗	✗		
<input type="checkbox"/>	Mesin Mati	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Mesin Mati 140	✗	✓	✗	✗	✗		
<input type="checkbox"/>	Pemberhentian	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Pintu Terbuka	✓	✓	✗	✗	✓		
<input type="checkbox"/>	Sinyal GPS Lemah	✓	✓	✗	✗	✓		

5

6

7

8

9

10

Import

Export

Delete

+

↺

⚙

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View 1 - 13 of 13

Name	Description
1 Search	Search for events by name.
2 Checkbox	Mark all event listings.
3 Edit	Opening the event edit menu.
4 Delete	Permanently deleting the event.
5 Add	Adding a new event.

- **Overspeed** – object exceeded predefined speed.
- **Underspeed** – object have slowed down below the specified speed.
- **Harsh acceleration** – event is triggered if GPS device detects sudden object acceleration.
- **Harsh braking** – event is triggered if GPS device detects sudden object braking.
- **Harsh cornering** – event is triggered if GPS device detects sudden object cornering.
- **Driver change** – event is triggered when the driver changes. RFID or iButton for drivers need to be configured.
- **Trailer change** – event is triggered when the trailer is changed. RFID or iButton for trailers need to be configured.
- **Parameter** – event is triggered if parameter received from device meets set condition.

- **Sensor** – event is triggered if sensor meets set conditions.
- **Service** – allows to set a reminder about vehicle maintenance work, maintenance record should be set first.
- **DTC (Diagnostic Trouble Codes)** – event is triggered if device sends DTC error codes to server.
- **Proximity** – allows to detect if two objects are close to each other.
- **Route in** – object crossed predefined route.
- **Route out** – object distanced from predefined route.
- **Zone in** – object entered zone.
- **Zone out** – object left zone.

4. **Object** – Select one or more objects to create an event.

5. **Depending on the route.**

Event trigger based on the route:

- **Off** – Disable dependency (default value).
- **In selected route** – An event will be triggered if an object enters the route or the selected route.
- **From selected route** – An event will be triggered if an object exits the route or the selected route.

6. **Route** – Select a route or multiple routes to be used as the basis for event triggers

7. **Depending on the zone.**

Event triggers based on the zone:

- **Off** – Disable dependency (default value).
- **In selected zone** – Events will only be associated with the selected zone.
- **Outside selected zone** – Events will be associated with all zones except the selected one..

8. **Zone** – Select one or more zones to be used as the basis for triggering events.

9. **Duration (minutes)** – An event will be triggered if the selected event type occurs for the specified duration. Example: if a vehicle exceeds the speed limit within a certain time frame, the event will be triggered.

10. **Speed limit (km/h)** – Set the speed limit, used for events of speeding (excessive speed) and under-speeding (low speed).

11. **Distance (km)** – An event will be triggered if the selected event type occurs within the specified distance.

Parameters and Sensors

After selecting the type of event, parameters, or sensors, the parameters and sensors table will become active.

In the parameters and sensors table, users can select parameters or sensors, conditions, and values that will trigger the event.

Time

Event time settings are used to specify the days and hours when an event is active.

Event properties

Main

Time

Notifications

Webhook

Object control

Time

Duration from last event in minutes

0

Week days

M

T

W

T

F

S

S

Day time

Monday

00:00

24:00

Tuesday

00:00

24:00

Wednesday

00:00

24:00

Thursday

00:00

24:00

Friday

00:00

24:00

Saturday

00:00

24:00

Sunday

00:00

24:00

Save

Cancel

Time

1. **Duration from last event in minutes** – The next event will only be triggered after the specified time period has passed.
2. **Weekdays** – The event will only be active on the selected days.
3. **Day time** – The event will be active within the specified time range.

Notifications

In the notifications tab, users can set how they want to receive notifications related to triggered events.

Event properties

Main

Time

Notifications

Webhook

Object control

Notifications

System message

Auto hide

Push notification

Sound alert

alarm1.mp3

Play

Message to e-mail, for multiple e-mails separate them by comma

E-mail address

SMS to mobile phone, for multiple phone numbers separate them by comma

Phone number with code

E-mail template

Default

SMS template

Default

Colors

Object arrow color

Yellow

Object list color

FFFF00

Save

Cancel

Notifications

1. **System message** – Turns on and off system message.

Note

System message will be seen only in used browser window.

2. **Auto hide** – Automatically hide message after some period of time.
3. **Push notification** – Feature is compatible with Android devices. Push notification is a type of message which is shown by Android OS itself. In order to receive push notifications, feature must be enabled in GPS Server Mobile Android app settings.

- 4. **Sound alert** – Choose notification sound.
- 5. **Message to e-mail box** – Turns on and off message to e-mail which is triggered by selected event. Note: notification may be sent to different e-mails, separate e-mail addresses with comma.
- 6. **SMS to mobile phone** – Sends event message via SMS. Note: SMS gateway must be configured.
- 7. **E-mail template** – Choose template, which will be used for e-mail notifications. E-mail templates can be created in settings, templates tab.
- 8. **SMS template** – Choose template, which will be used for SMS notifications. SMS templates can be created in settings, templates tab.

Coloro

- 1. **Object arrow color** – Select which color object arrow will have when the event is triggered.
- 2. **Object list color** – Select which color object name in object list will have when the event is triggered.

Webhook

Event properties

MainTimeNotificationsWebhookObject control

Webhook

Send webhook

Webhook URL

ex. http://full_address_here

Save

Cancel

Webhook is a feature used to transfer event-related information from one application to another using the HTTP GET method. With this feature, the system can automatically send information to another system when a specific event occurs.

Object Control

The object control feature automatically sends SMS and GPRS commands when an event occurs.

Event properties

MainTimeNotificationsWebhookObject control

Object control

Object control

Send command

Template

Gateway

Type

Command

Custom

GPRS

ASCII

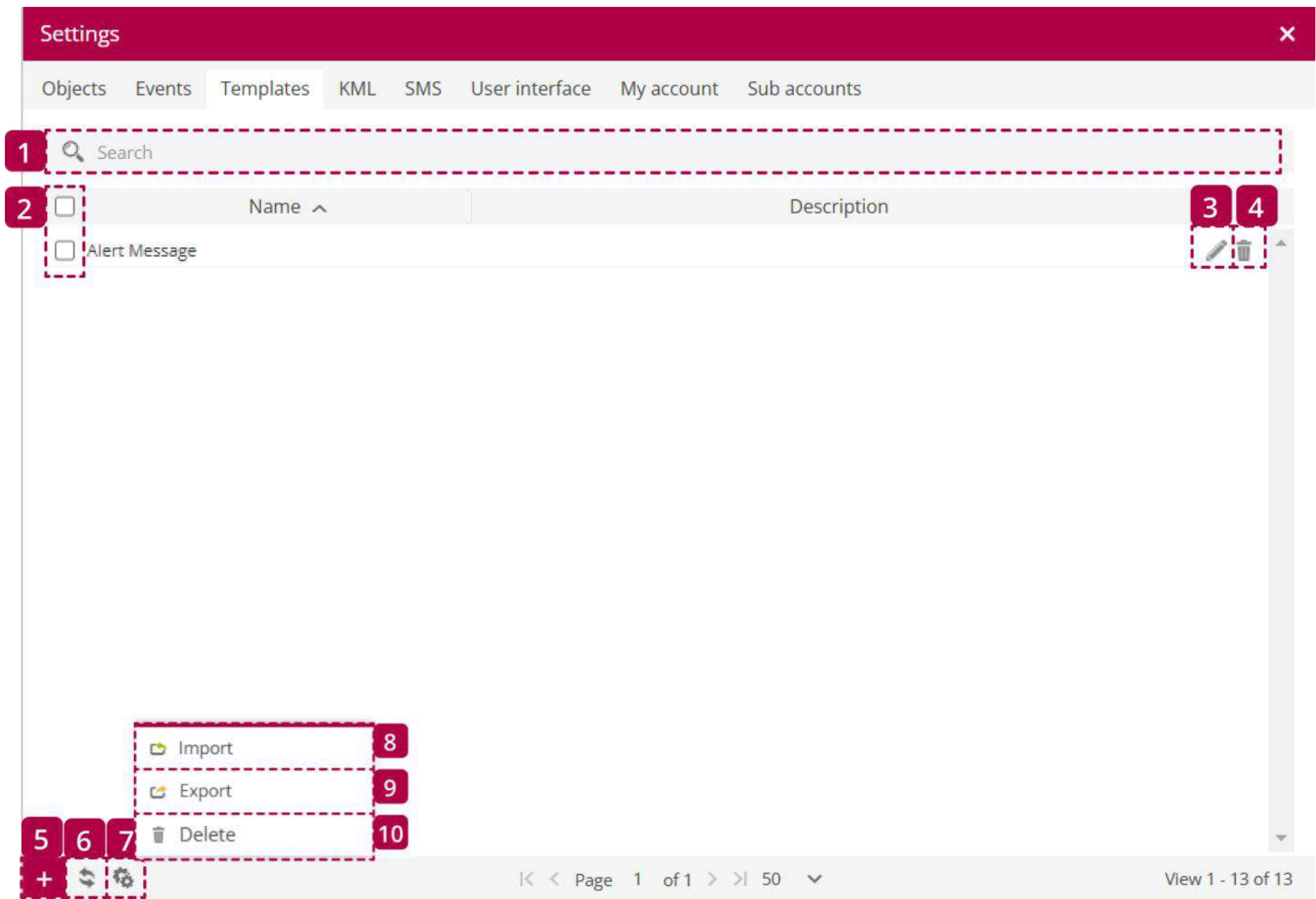
Save

Cancel

- Object Control**
- 1. **Send command** – Read service manual of your GPS device to get all available commands.
 - 2. **Gateway** – GPRS or SMS, choose appropriate type according to tracking device manual.
 - 3. **Type** – ASCII or HEX, choose appropriate type according to tracking device manual.
 - 4. **Command** – Enter command according to your device manual.

Template

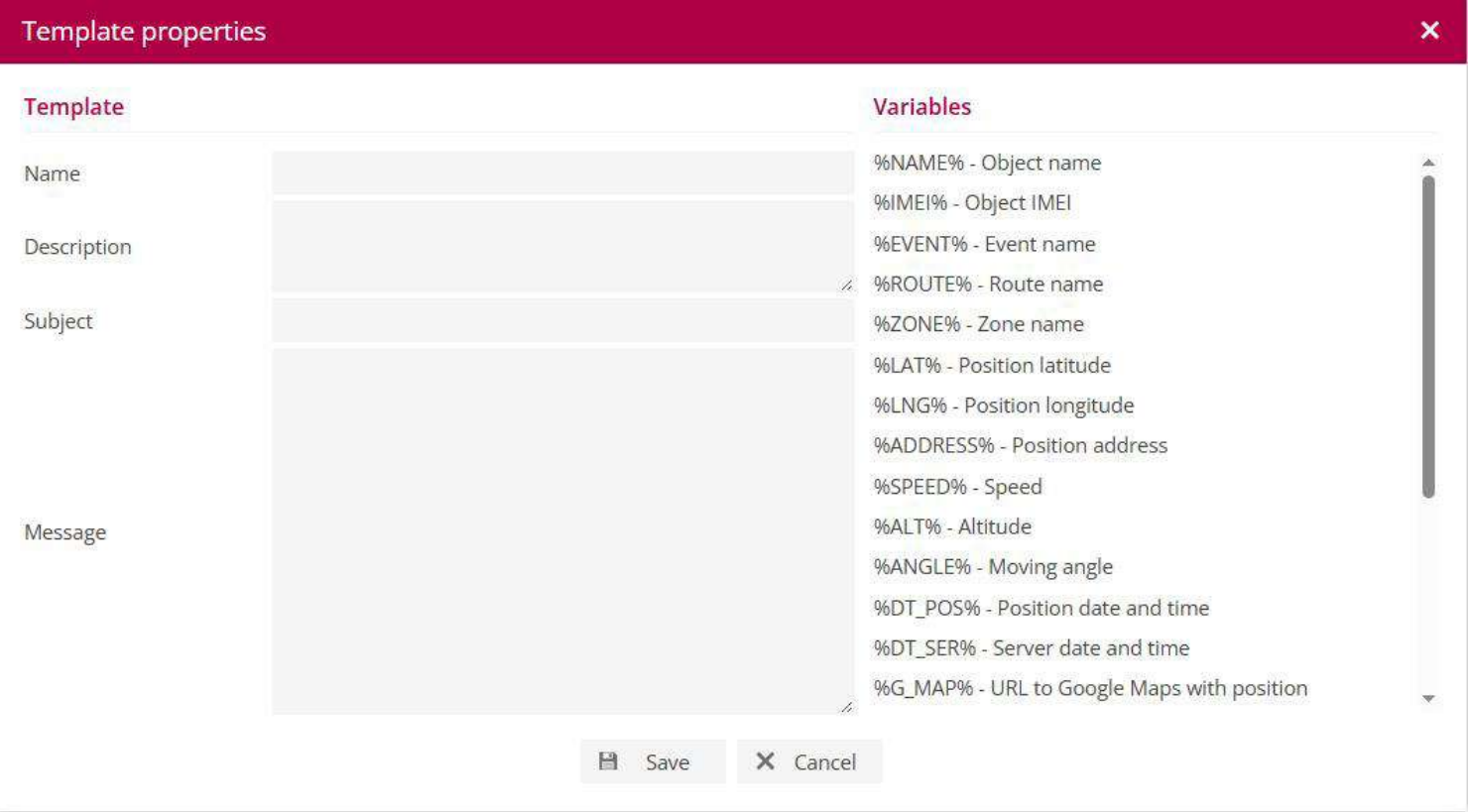
The Template section is used to create, edit, import, export, and delete Event notification templates (Email and SMS).



Name		Description
1	Search	Searching for template by name.
2	Checkbox	Select all template listings.
3	Edit	Opening the template edit menu.
4	Delete	Permanently deleting the template.
5	Add	Adding a new template.
6	Reload	Updating the template list.
7	Action	Opening the action menu.
8	Import	Importing previously saved template configurations.
9	Export	Exporting template configurations for later use.
10	Delete Selected	Deleting all selected templates.

Template Properties

To create a new template, press the plus button at the bottom of the window.



Templates

- 1. **Name** – Name of the template.
- 2. **Description** – Short description of the template.
- 3. **Subject** – Content of this text box will be used as email subject.
- 4. **Message** – Text that will be send as email or SMS notification.

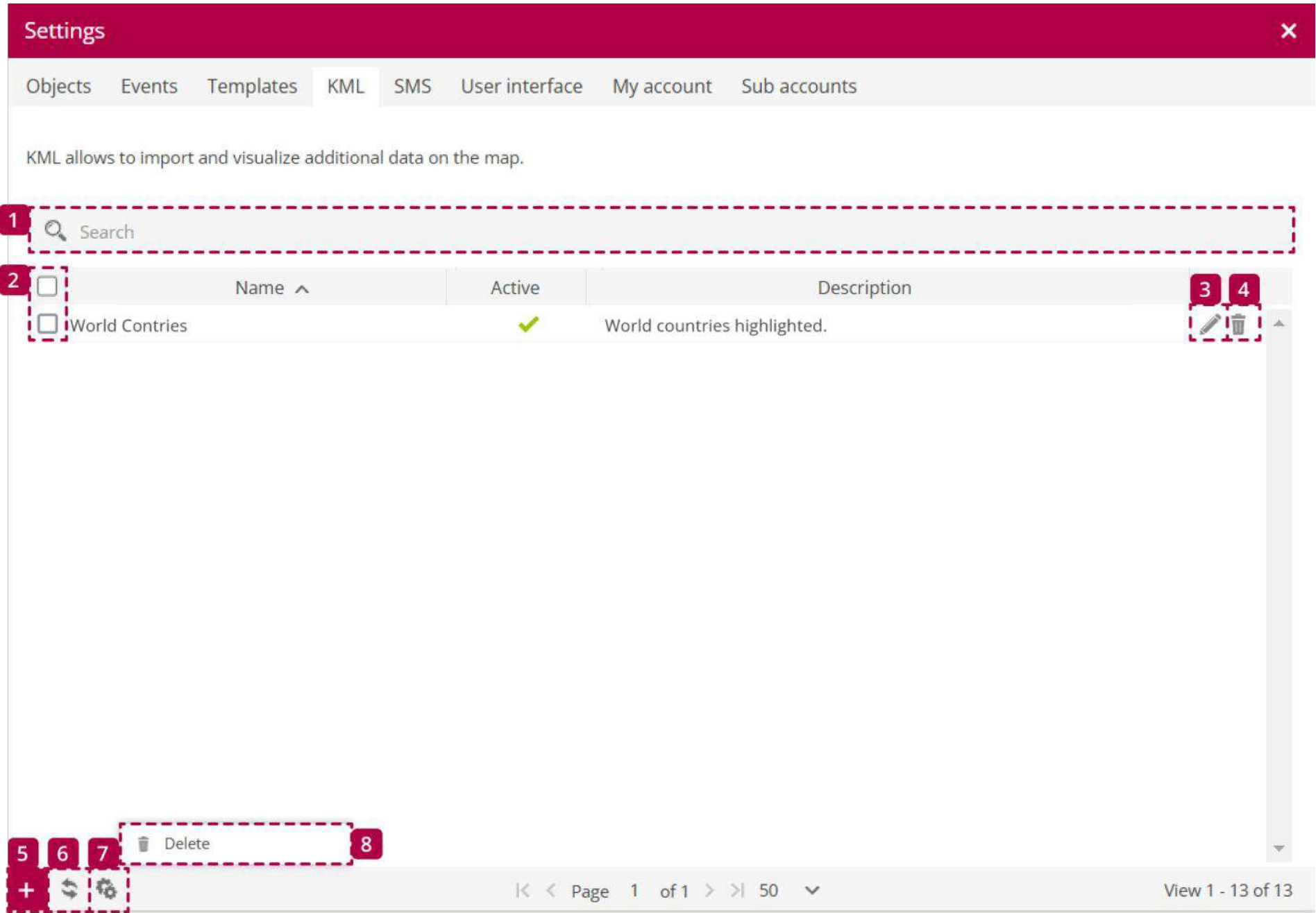
Variables

Variables that can be used in messages to get needed information in notifications.

- **%NAME%** – Object name
- **%IMEI%** – Object IMEI
- **%EVENT%** – Event name
- **%MARKER%** – Marker name
- **%ROUTE%** – Route name
- **%ZONE%** – Zone name
- **%LAT%** – Position latitude
- **%LNG%** – Position longitude
- **%ADDRESS%** – Position address
- **%SPEED%** – Speed
- **%ALT%** – Altitude
- **%ANGLE%** – Moving angle
- **%DT_POS%** – Position date and time
- **%DT_SER%** – Server date and time
- **%G_MAP%** – URL to Google Maps with position
- **%TR_MODEL%** – Transport model
- **%VIN%** – VIN
- **%PL_NUM%** – Plate number
- **%SIM_NUMBER%** – SIM card number
- **%DRIVER%** – Driver name
- **%TRAILER%** – Trailer name
- **%ODOMETER%** – Odometer
- **%ENG_HOURS%** – Engine hours

KML

The Template section is used to create, edit, import, export, and delete Event notification templates (Email and SMS).



Name		Description
1	Search	Searching for KML by name.
2	Checkbox	Select all KML listings.
3	Edit	Opening the KML edit menu.
4	Delete	Permanently deleting the KML.
5	Add	Adding a new KML.
6	Reload	Updating the KML list.
7	Action	Opening the action menu.
8	Delete Selected	Deleting all selected KML.

KML Properties

To create a new KML, press the plus button at the bottom of the window.

KML properties

Active

☒

Name

Description

KML file

Upload

Save

Cancel

- KML
- 1. **Active** – Enable or disable the KML recording.
 - 2. **Name** – Name of the KML.
 - 3. **Description** – Description of the KML.
 - 4. **KML File** – Select the KML file to import.

SMS

In this section, users can configure the SMS gateway to send event notifications and commands to GPS devices. The SMS gateway configured in the Settings menu applies only to this user account. Users can choose to use an SMS Gateway app or an external SMS gateway provider.

Mobile Application

Settings

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Save

SMS Gateway

Enable SMS Gateway

☒

SMS Gateway type

Mobile application

Mobile application

Mobile application should be used which allows to use mobile device as SMS Gateway. Below SMS Gateway identifier should be entered in mobile application settings.

SMS Gateway identifier

17039996899158715512

Total SMS in queue to send

0

Clear

SMS Gateway

- 1. **Enable SMS Gateway** – Enable or disable SMS Gateway for all users of the hosted server.
- 2. **SMS Gateway type** – Mobile application needs to be selected to use SMS Gateway application.

Mobile Application

- 3. **SMS Gateway identifier** – Identifying number that needs to be entered in SMS gateway application.
- 4. **Total SMS in queue to send** – Indicates number of SMS that are waiting in queue to be sent.

HTTP

Settings

Objects

Events

Templates

KML

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Sub accounts

Save

SMS Gateway

Enable SMS Gateway

☒

SMS Gateway type

HTTP

HTTP

SMS Gateway, which can send messages via HTTP GET should be used.
SMS Gateway URL example: http://SMS_GATEWAY/sendsms.php?username=USER&password=PASSWORD&number=%NUMBER%&message=%MESSAGE%

ex. http://full_address_here

Variables

%NUMBER%

- phone number, where SMS will be sent

%MESSAGE%

- text of SMS message

SMS Gateway

- 1. **Enable SMS Gateway** – Enable or disable SMS Gateway for all users of the hosted server.
- 2. **SMS Gateway type** – HTTP SMS gateway is used with external SMS service provider.

HTTP

- 3. **Number filter** – Allows to specify SIM numbers to which SMS can be sent.
- 4. **SMS Gateway URL** – The URL provided by the SMS service provider must be entered in this box.

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User Interface

In the User Interface section, users can set various preferences such as map type, language, measurement units, time zone, and more.

Settings

ObjectsEventsTemplatesKMLSMSThemeUser interfaceMy accountSub accounts

Save

Notifications

Push notifications

☐

New chat message sound alert

alarm1.mp3

Play

Dashboard

Open after login

☐

Map

Map startup position

Remember last

Map icon size

100%

History route color

FF0000

History route highlight color

0000FF

Object details popup on cluster mouse hover

☒

Groups

Collapsed

☐ Objects☐ Markers☐ Routes☐ Zones

Object list

Details

Time (position)

No connection color

☐ FFAEAE

Stopped color

☐ FFAEAE

Moving color

☐ B0E57C

Engine idle color

☐ FFF0AA

Data list

Position

Bottom panel with icons

Items

All selected

Other

Language

English

Unit of distance

Kilometer

Unit of capacity

Liter

Unit of temperature

Celsius

Currency

IDR

Time zone

(UTC +7:00)

Daylight saving time (DST)

☐

00:00

00:00

Notifications

1. **Push notifications** – Enables/disables browser push notifications.
2. **New chat message sound alert** – User can select which sound will be played when notification is received.

Dashboard

3. **Open after login** – Enables/disables opening the dashboard after login.

Map

4. **Map startup position** – Every time you log in to the system interface, the map will be in the same place where you left it (for this option the browser must accept cookies):
 - **Default** – Default software settings.
 - **Remember last** – Every time you login to system user interface map will be in the same place you left it (this option requires browser to accept cookies).
 - **Fit objects** – Map will be automatically zoomed so all objects will be seen in view port.
5. **Map icon size** – Allows the user to adjust the size of object icons on the map.
6. **History route color** – Color of the route displayed in the history.
7. **History route highlight color** – Color of the highlighted route displayed in the history.
8. **Object details popup on cluster mouse hover** – The object details are displayed in a popup dialog when the mouse pointer is over a cluster.

Group

9. **Collapsed** – Allows objects, markers, routes or/and zone groups to be opened collapsed by default.

Object List

- 1. **Details** – Allows to set which object details will be shown in object list:
 - **Time (position)** – The object list shows the time of the last known GPS location.
 - **Time (server)** – The object list shows the last communication time between the GPS device and the server.
 - **Status** – In the object list GPS the device status is displayed: moving, stopped, idle or offline.
- 2. **No connection color** – Set color of objects in the object list when the connection between object and server is lost.
- 3. **Stopped color** – Set color of objects in object list when object stops.
- 4. **Moving color** – Set color of objects in object list when object moves.
- 5. **Engine idle color** – Set the color of the objects in the object list, if the Object Engine IDLE.

Data List

- 6. **Position** – Set the position of the widgets in the bottom panel (left or right).
- 7. **Items** – Select data items to be displayed in the bottom panel.

Other

- 8. **Language** – Select the language of the user interface.
- 9. **Unit of distance** – Choose miles or kilometers as unit of distance measurement.
- 10. **Unit of capacity** – Choose liters or gallons as the unit of measure for capacity.
- 11. **Currency** – Set the currency that appears in the fuel consumption costs.
- 12. **Time zone** – Set the time zone of the place where the device is operated. Specify your time zone accurately, as all time values will be displayed according to the selected time zone. Make sure that the time zone of your GPS device is set to 0 UTC.
- 13. **Daylight saving time (DST)** – The changeover to daylight saving time means that clocks are advanced by one hour during the summer months so that evening light lasts an hour longer, while normal sunrise times are sacrificed. Typically, in regions with Daylight Saving Time, clocks are set forward one hour just before the start of spring and reset to standard time in the fall. Set the start and end dates when the additional time is added to the time zone.

My Account

In the User Account section, you can manage your personal information and change your account password.

Settings

ObjectsEventsTemplatesKMLSMSSUser interfaceMy accountSub accounts

Save

Contact information

Name, surname

Company

Address

Post code

City

County/State

Phone number 1

Phone number 2

E-mail

Change password

Old password

New password

Repeat new password

Usage

Number of e-mails (daily)

0/10000

Number of SMS (daily)

3/10000

Number of Webhook (daily)

0/99999999

Number of API calls (daily)

0/99999999

API

API key

Contact information

Enter additional user account information.

Change password

Change user account password.

Usage

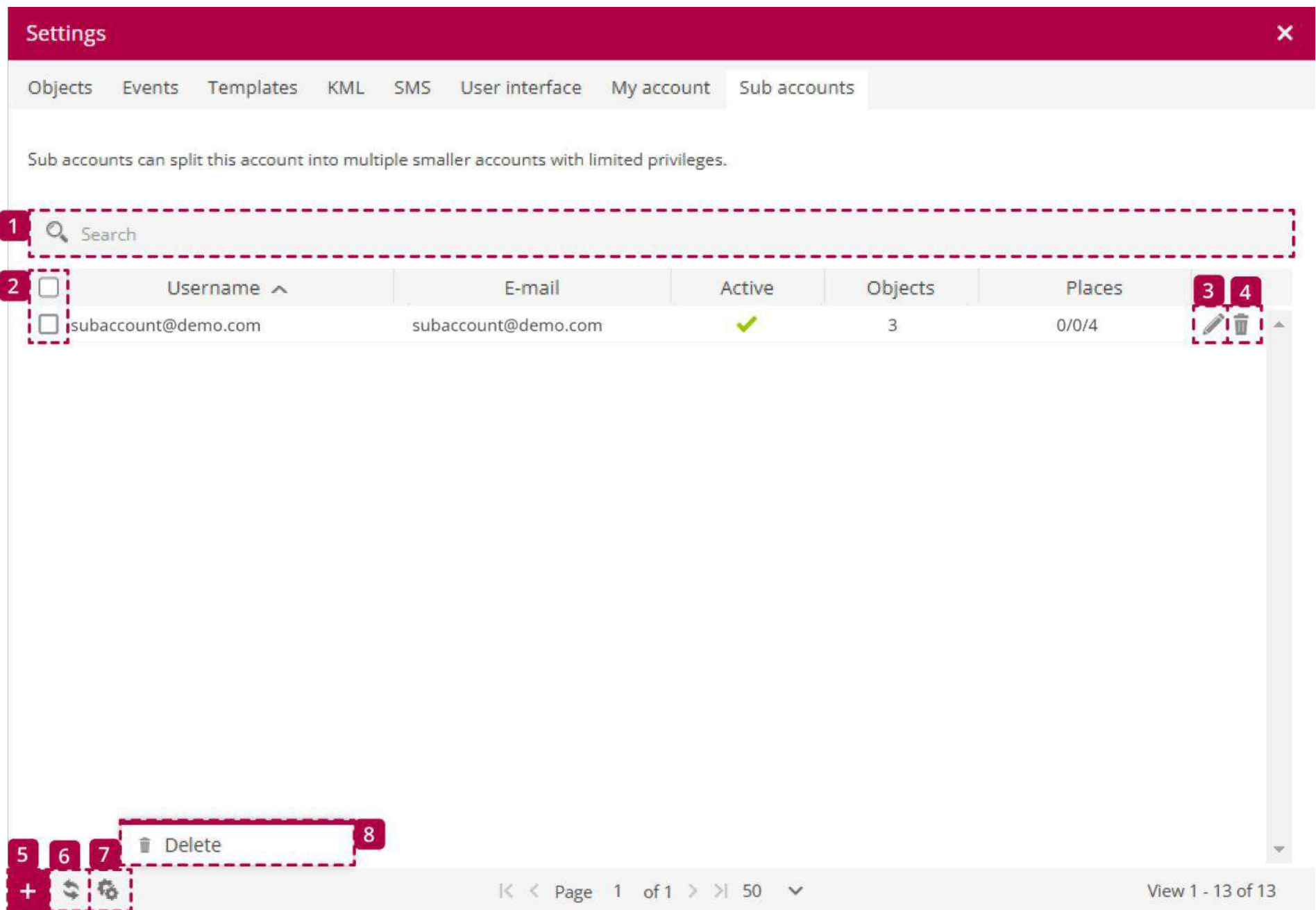
Information about account emails, SMS, webhook and API calls, daily limits and usage.

API

API key of user account. API functionality needs to be enabled by administrator in Control Panel.

Sub Accounts

The Subaccounts feature allows you to create user subaccounts with limited privileges and assign only certain objects and zones. Subaccount users cannot add new objects or create new subaccounts.



Name	Description
1 Search	Searching for sub accounts by name.
2 Checkbox	Select all sub accounts listings.
3 Edit	Opening the sub accounts edit menu.
4 Delete	Permanently deleting the sub accounts.
5 Add	Adding a new sub accounts.
6 Reload	Updating the sub accounts list.
7 Action	Opening the action menu.
8 Delete Selected	Deleting all selected sub accounts.

Sub Accounts Properties

Untuk membuat sub-akun baru, tekan tombol plus di bagian bawah jendela.

Sub account properties

Sub account

Active

☒

Username

E-mail

Password

Send credentials

☒

Expire on

☐

Objects

Nothing selected

Markers

Nothing selected

Routes

Nothing selected

Zones

Nothing selected

Dashboard

☐

History

☐

Reports

☐

Tasks

☐

RFID and iButton logbook

☐

DTC (Diagnostic Trouble Codes)

☐

Maintenance

☐

Expenses

☐

Object control

☐

Image gallery

☐

Chat

☐

Access via URL

Active

☐

URL desktop

https://tracker.id/index.php?au=309B052D7CFF13BF7950A9198E05CCB1

URL mobile

https://tracker.id/index.php?au=309B052D7CFF13BF7950A9198E05CCB1&m=true

Save

Cancel

Sub Accounts

Active – Activates or deactivates the sub account.

Username – Set sub account username.

E-mail – Set the e-mail that will be used to login to sub account.

Password – Set password for sub account.

Send credentials – Choose whether or not to send an email with the sub-account credentials.

Expire on – Specify whether the account is permanent or temporary and when it expires. On the due date, the sub account becomes inactive.

Objects – Select objects that are allowed to monitor the subaccount.

Markers – Select markers that are allowed for subaccount monitoring.

Routes – Select routes allowed for sub-account monitoring.

Zones – Select zones that are allowed to be monitored for the sub-account.

11. **Check box panel** – Allows to enable or disable access for sub account to such features:

- Setting
- Dashboard
- History
- Reports
- Tasks
- RFID and iButton logbook
- DTC (Diagnostic Trouble Codes)
- Maintenance
- Expenses
- Object control
- Image gallery
- Video gallery
- Chat

Access via URL

12. **Active** – Activates or deactivates access to sub account via URL.

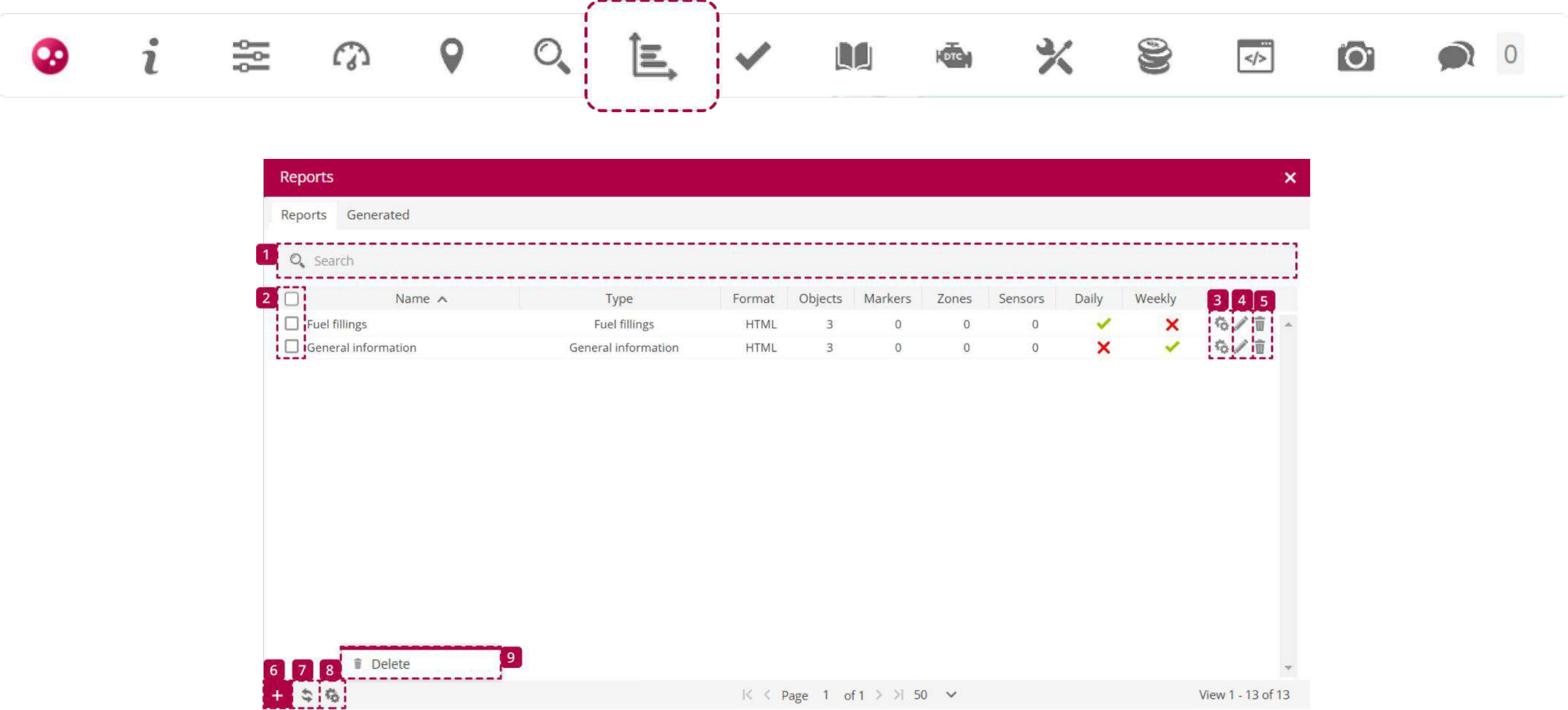
13. **URL desktop** – Internet link which allows to connect to sub account desktop version.

14. **URL mobile** – Internet link which allows to connect to sub account mobile version.

Menu

Reports

The report is used to gather all information about the activities of an object during the selected time period.



Name		Description
1	Search	Searching for report by name.
2	Checkbox	Select all report listings.
3	Edit	Opening the report edit menu.
4	Delete	Permanently deleting the report.
5	Add	Adding a new report.
6	Reload	Updating the report list.
7	Action	Opening the action menu.
8	Delete Selected	Deleting all selected report.

Report Properties

To create a new report, press the plus button at the bottom of the window.

Report properties

Report

Name

Type

General information

Objects

Nothing selected

Markers

Nothing selected

Zones

Nothing selected

Sensors

Nothing selected

Data items

All selected

Format

HTML

Ignore empty reports.

Show coordinates

Show addresses

Markers instead of addresses

Zones instead of addresses

Stops

> 1 min

Speed limit (kph)

Schedule

Time period

Daily

Weekly

Send via e-mail

E-mail address

Filter

Today

Time from

2025-04-15

00

00

Time to

2025-04-16

00

00

Generate

Save

Cancel

Report

Names – Names of the reports.

Type – Select the type of report.

Text reports:

- General Information**
The report contains: Object name, period, route start, route end, route length, trip duration, stop duration, number of stops, maximum speed, average speed, number of overspeeds, fuel consumption, average fuel consumption (100 km), fuel cost, engine work, engine idle, odometer, engine hours, driver and trailer.
- General information (merged)**
General information displayed in the rows and information summed for all selected objects.
- Object information**
Report contains: Object name, IMEI, Group, Transport model, VIN, Plate number, Odometer, Engine hours, Driver, Trailer, GPS device, SIM card number.
- Current position**
Report contains: Object name, Time, Position, Speed, Altitude, Angle, Status, Odometer, Engine hours.
- Current position (offline)**
Report contains information about current objects position which are offline.
- Route data with sensors**
Report contains: Object name, Period, Time, Position, Speed, Altitude, Angle.
- Driving summary**
Provides the same information as general report but adds objects stops and driving information. Report contains: Object name, Period, Status, Start, End, Duration, Stop position, Length, Top Speed, Average speed, Fuel consumption, Avg. fuel cons. (100 km), Fuel cost, Engine idle, Driver, Trailer, Additional total and average information.
- Drives and stops**
Provides object movement and stoppage information. The report contains: Object name, Status, Start and stop times of movement, Beginning and end times of stoppage, Duration, Length of the traveled distance, Top speed, Average speed, Fuel consumption, Average fuel consumption, Fuel cost, Engine idle time, Drive time, and Trailer information.
- Drives and stops with sensors**
Same as drives and stops report with additional sensor information.
- Drives and stops with logic sensors**
Same as drives and stops report with additional logic sensor information.
- Travel sheet**
Provides coordinates and addresses of stops, length between stops and object fuel consumption. Report contains: Object name, Period, Time A, Position A, Odometer A, Time B, Position B, Odometer B, Duration, Length, Fuel consumption, Avg. fuel cons. (100 km), Fuel cost, Driver, Trailer.
- Travel sheet (day/night)**
Same as travel sheet report but additionally allows to choose day/night time.
- Mileage (daily)**
Report contains: Object name, Period, Time, Start, End, Move duration, Length, Fuel consumption, Avg. fuel cons. (100 km), Fuel cost, Engine hours, Driver, Trailer.
- Overspeeds**
Report contains: Object name, Period, Start time, End time, Duration, Top speed, Average speed, Overspeed position.
- Overspeed count (merged)**
Overspeed information with count.
- Underspeeds**
Report contains: Object name, Period, Start time, End time, Duration, Top speed, Average speed, underspeed position.

- **Underspeed count (merged)**
Underspeed information with count.
- **Marker in/out**
Report contains: Object name, Period, Marker in, Marker out, Duration, Route length, Engine hours, Marker name, Marker position.
- **Marker in/out with gen. information**
Merged Marker in/out and General information report.
- **Zone in/out**
Report contains: Object name, Period, Zone in, Zone out, Duration, Route length, Engine hours, Zone name, Zone position.
- **Zone in/out with gen. information**
Merged Zone in/out and General information report.
- **Events**
Report contains: Object name, Period, Time, Event name, Driver, Event position.
- **Events (merged)**
Merged events information report.
- **Service**
Provides service information.
- **Fuel fillings**
Shows object fuel fillings history. Results depends on fuel fillings accuracy settings. Report contains: Object name, Period, Time, Position, Fuel tank capacity before and after, Amount filled, Sensor, Driver.
- **Fuel thefts**
Shows object fuel thefts history. Results depends on fuel thefts accuracy settings. Report contains: Object name, Period, Time, Position, Fuel tank capacity before and after, Theft amount, Sensor, Driver.

Graphical reports

- **Speed**
Speed graph.
- **Altitude**
Altitude graph.
- **Ignition**
Ignition graph.
- **Fuel level**
Fuel level graph, fuel level sensor must be configured.
- **Temperature**
Temperature graph, temperature sensor must be configured.
- **Sensor**
Graph of selected sensors.

Map reports:

- **Routes**
Report contains map with object routes.
- **Routes with stops**
Report contains map with object routes and stops.

- **Logic sensors**
Provides information about logic sensors, when they were turned on and off with duration.
- **Driver behavior (RAG by object)**
Provides score about driver behavior (overspeeds and harsh driving).
- **Driver behavior (RAG by driver)**
Provides score about driver behavior (overspeeds and harsh driving), driver must be assigned to object in order to use this report.
- **Tasks**
Information about available tasks.
- **RFID and iButton logbook**
Information about driver assign changes.
- **DTC (Diagnostic Trouble Codes)**
Show object DTC error codes, this feature must be supported by GPS device.
- **Expenses**
Shows expenses for selected objects for set period of time.

Media reports

- **Image gallery**
Report includes images received from devices, useful for printing.

Reports

- 1. **Objects** – Select objects for which report will be generated.
- 2. **Markers** – Select which markers will be used to generate reports.
Active for Marker in/out and Marker in/out with gen. information reports.
- 3. **Zones** – Select which zones will be used to generate reports.
Active for Zone in/out and Zone in/out with gen. information reports.
- 4. **Sensors** – Select which sensors will be used to generate reports.
Active for Drives and stops with sensors and Drives and stops with logic sensors reports.
- 5. **Data items** – Select which data items to display in the report. By default, all items are enabled.
- 6. **Format** – Select in which format report will be generated HTML, PDF or XLS.
- 7. **Ignore empty reports** – If the object or objects have no records for the set period of time, the empty report for this object or objects will not be displayed.
- 8. **Show coordinates** – The location of objects in the report is displayed as topographic coordinates.
- 9. **Show addresses** – The address of the object location is displayed in the report.

- 10. **Markers instead of addresses** – The name of the nearest marker to the object location is displayed instead of the address.
- 11. **Zones instead of addresses** – The name of the nearest zone to the object location is displayed instead of the address.
- 12. **Stops** – Specify the time of stops to be included in the report to avoid traffic light stops.
- 13. **Speed limit (kph)** – Set speed limit for Overspeed and Underspeed reports.

Schedule

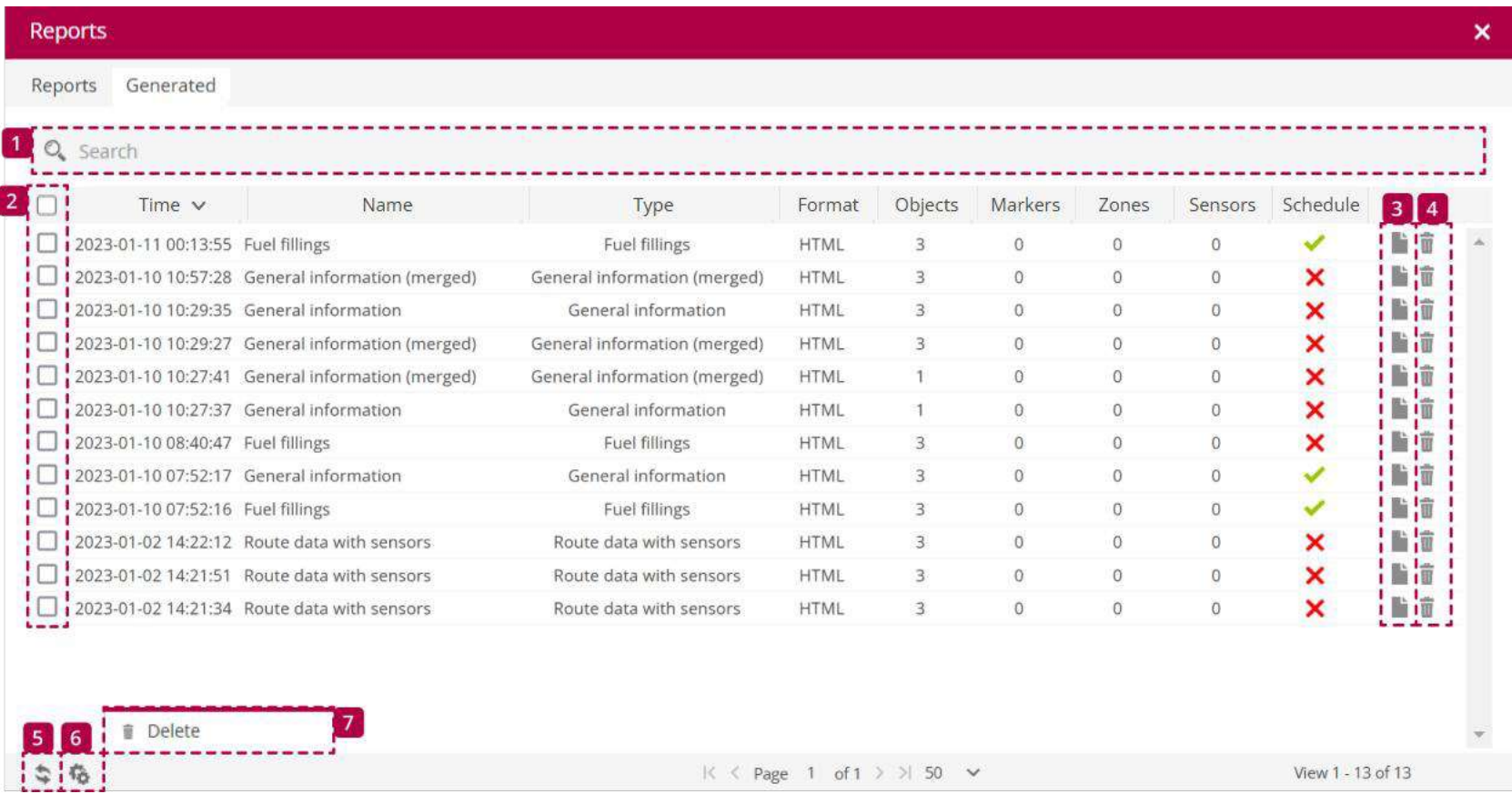
- 14. **Daily** – Reports are sent daily for the previous day.
- 15. **Weekly** – The reports are sent weekly, every Monday for the previous week.
- 16. **Send via e-mail** – Enter one or more comma- separated e-mail addresses to which the reports should be sent.

Time period

- 17. **Filter** – Quick select the time period for the report.
- 18. **Time from/Time to** – Precise way to set the period for the report.

Generated

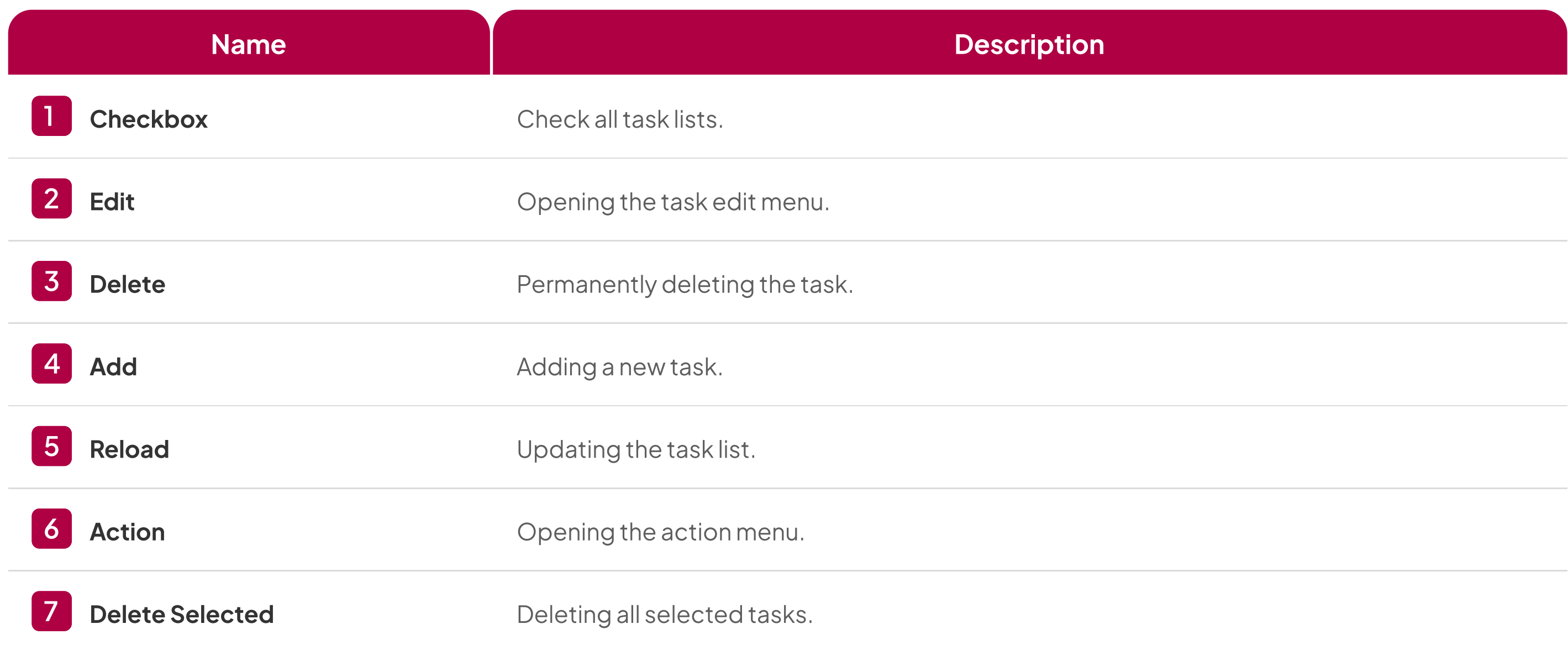
Display a list of all reports that have been created and provide quick access to reopen them without needing to recreate.



Name	Description
1 Search	Searching for report results based on name.
2 Checkbox	Select all report result items.
3 Open	Opening report results.
4 Delete	Permanently deleting report results.
5 Reload	Updating the list of report results.
6 Action	Opening action menu.
7 Delete Selected	Deleting all selected report results.

Tasks

Tasks are used to create upcoming job entries. Set the start and end addresses, priority, and task status. This feature is useful for managing important tasks. Tasks can be accessed through the GPS tracking app on Android and iOS.



Task Properties

To create a new task, press the plus button at the bottom of the window.

Task properties

Task

Name

Object

Concox EV02

Priority

Low

Status

New

Description

Start

Destination

Address

Address

From

2025-04-15 00:00

From

2025-04-15 00:00

To

2025-04-15 00:00

To

2025-04-15 00:00

Save

Cancel

Tasks

- Name** – Task name.
- Object** – Name of the object to be assigned.
- Priority** – Set task priority to Low, Normal, or High to help organize task execution.
- Status** – Displays the current task status: New, In Progress, Completed, or Failed.
- Description** – A brief description of the task (optional).

Start

- Address** – Set the starting point of the task.
- From/To** – Time range to start the task.

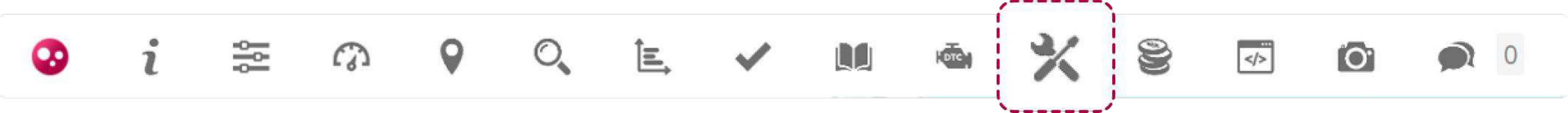
Destination

- Address** – Set the endpoint of the task.
- From/To** – Time range to complete the task.

Menu

Maintenance

In the maintenance section, you can view and edit all maintenance entries for all user account objects.



Maintenance

1

Search

2

	Object ^	Name	Odometer	Odometer left	Engine hours	Engine hours left	Days	Days left	Event	3	4
<input type="checkbox"/>	1111111111111111	Oil Change	691074 km	18926 km	0 h	-	-	-	✓		
<input type="checkbox"/>	1111111111111111	Technical inspection	691074 km	-	0 h	-	386	344	✓		
<input type="checkbox"/>	2222222222222222	Oil change	1026331 km	3669 km	0 h	-	-	-	✗		
<input type="checkbox"/>	3333333333333333	Oil change	687171 km	9170 km	0 h	-	-	-	✗		

5

6

7

8

Delete

+

↶

↷

⚙

Page 1 of 1

50

View 1 - 13 of 13

Name	Description
1 Search	Searching for treatment results based on name.
2 Checkbox	Select all treatment results.
3 Edit	Opening the edit treatment menu.

Name	Description
4 Delete	Permanently deleting treatment results.
5 Add	Adding a new treatment.
6 Reload	Updating the list of treatment results.
7 Action	Opening the action menu.
8 Delete Selected	Deleting all selected treatment results.

Maintenance Service Properties

To create a new treatment, press the plus button at the bottom of the window.

Service properties

Service

Name

Objects

Nothing selected

Data list

Popup

Odometer interval (km)

Last service (km)

Engine hours interval (h)

Last service (h)

Days interval

Last service

Trigger event

Odometer left (km)

Update last service

Engine hours left (h)

Days left

Save

Cancel

Service

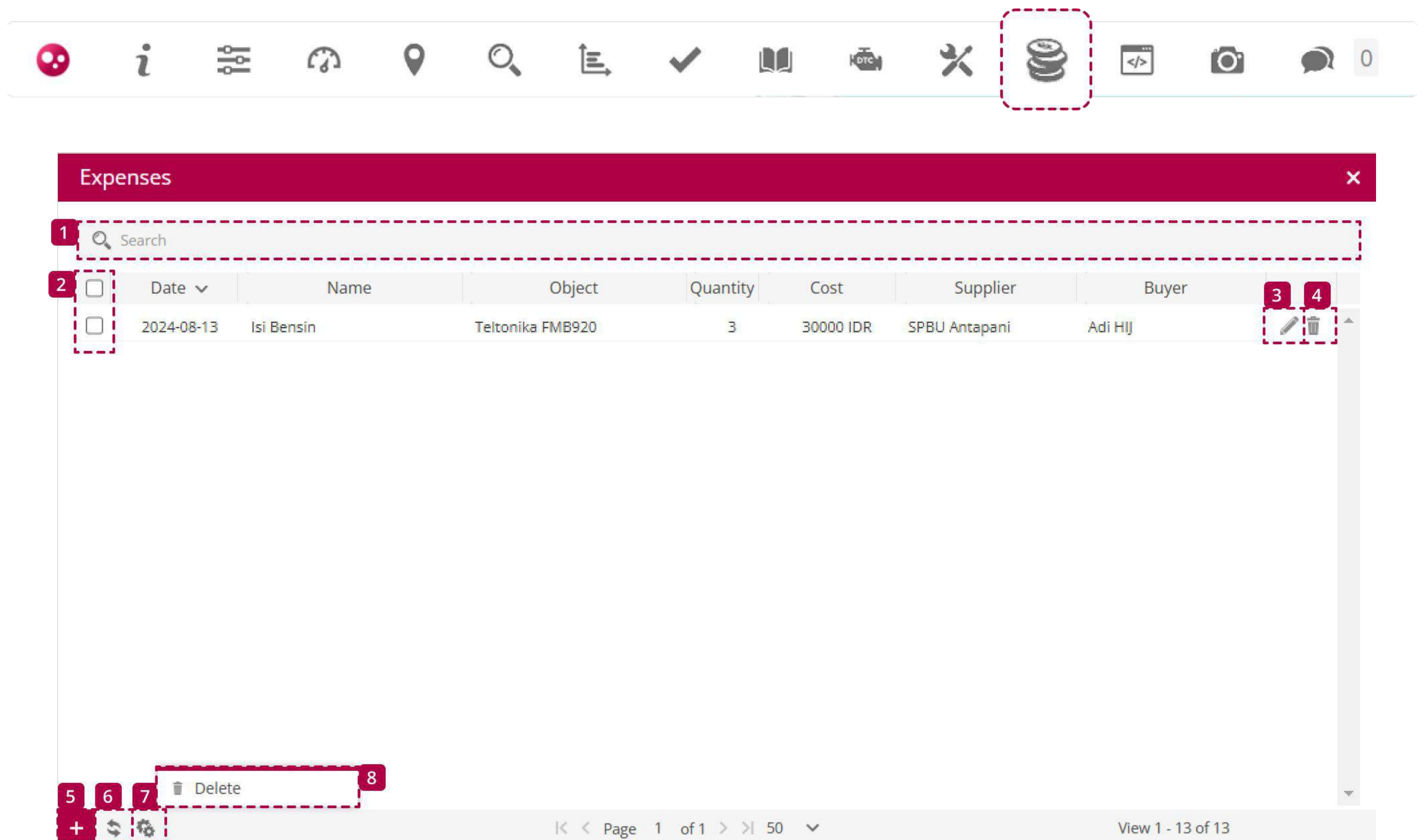
- 1. Name** – Name of the service record (e.g. Oli change, Insurance renewal)
- 2. Objects** – Select the object or objects for which a service record is to be created.
- 3. Data list** – Indicates that information about an upcoming service event is displayed on the in Bottom panel Data list tab.
- 4. Popup** – Allows the user to be notified of a service event with system popup notification from the system.
- 5. Odometer interval (km)** – Set odometer reading after service event will be generated.
- 6. Engine hours interval (h)** – Set engine hours after service event will be generated.
- 7. Days interval** – Set period of time in days after service event will be generated.
- 8. Last service (km)** – Enter tachometer readings when the service was done.
- 9. Last service (h)** – Enter engine hours readings when the service was done.
- 10. Last service** – Enter the date when the last service was done.

Trigger event

- 1. Odometer left (km)** – Specify the remaining distance to the event at which the notification is triggered. For example, if you set this value to 50 km, the notification will be triggered 50 km before the mileage (km) is reached.
- 2. Engine hours left (h)** – Specify the remaining engine hours for the event at which the notification is to be triggered. If you set this value to 40 h, for example, the notification will be triggered 40 h before the value for the engine hour interval (h) is reached.
- 3. Days left** – Set the remaining days until the event when the notification is triggered. For example, if you set this value to 15 days, the notification will be triggered 15 days before the value for the Days interval is reached.
- 4. Update last service** – Automatically updates the information by restarting the interval for the odometer, engine hours or days.

Expenses

The expenditure section is used to record the maintenance costs of the object.



Name	Description
1 Search	Searching for expense results by name.
2 Checkbox	Select all expense results.
3 Edit	Opening the edit expense menu.
4 Delete	Permanently deleting expense results.
5 Add	Adding a new expense.
6 Reload	Updating the list of expense results.
7 Action	Opening the action menu.
8 Delete Selected	Deleting all selected expense results.

Expense Properties

To create a new expense, press the plus button at the bottom of the window.

Expense properties

Expense

Name

Date

2025-04-15

Quantity

0

Cost

0

IDR

Supplier

Buyer

Object

Concox EV02

Odometer (km)

6178

Engine hours (h)

0

Description

Save

Cancel

Expense

1. **Name** – Name of the expense record.

2. **Date** – Date when the expense record was created.

3. **Quantity** – Number of units of goods purchased or services rendered.

4. **Cost** – Price per unit of goods purchased or services rendered.

5. **Supplier** – Name of the goods or services provider.

6. **Buyer** – Name of the worker or company department which purchased goods or ordered services.

7. **Object** – Object name for which expenses record is created.

8. **Odometer (km)** – Odometer readings at the time the record was made.

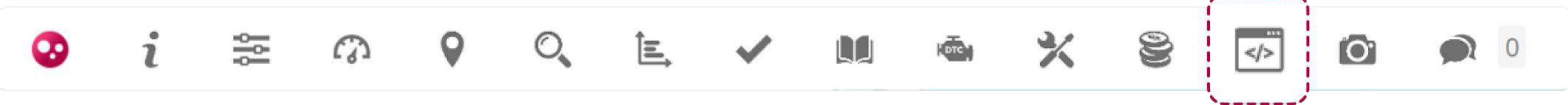
9. **Engine hours (h)** – Engine hours readings at the time the record was made.

10. **Description** – Brief description of the expense statement.

Menu

Object Control

This section provides features for sending GPRS and SMS commands to GPS devices or smartphones. You can create customizable command templates for various devices and schedule automatic command delivery. This feature simplifies the command sending process and ensures that devices receive the necessary information without the need for manual intervention.



GPRS

In this section you can send GPRS commands to the tracking devices or smartphones with GPS Tracker application installed to perform certain actions.

Object control

GPRS

SMS

Schedule

Templates

Object

Nothing selected

Template

Command

ASCII

Send

1

Time

Object

Name

Command

Status

2

23-01-16 09:55:57

2222222222222222

Custom

tracking_stop

3

No data

2023-01-16 09:48:44

1111111111111111

Custom

command_interval,120

4

5

Delete

6

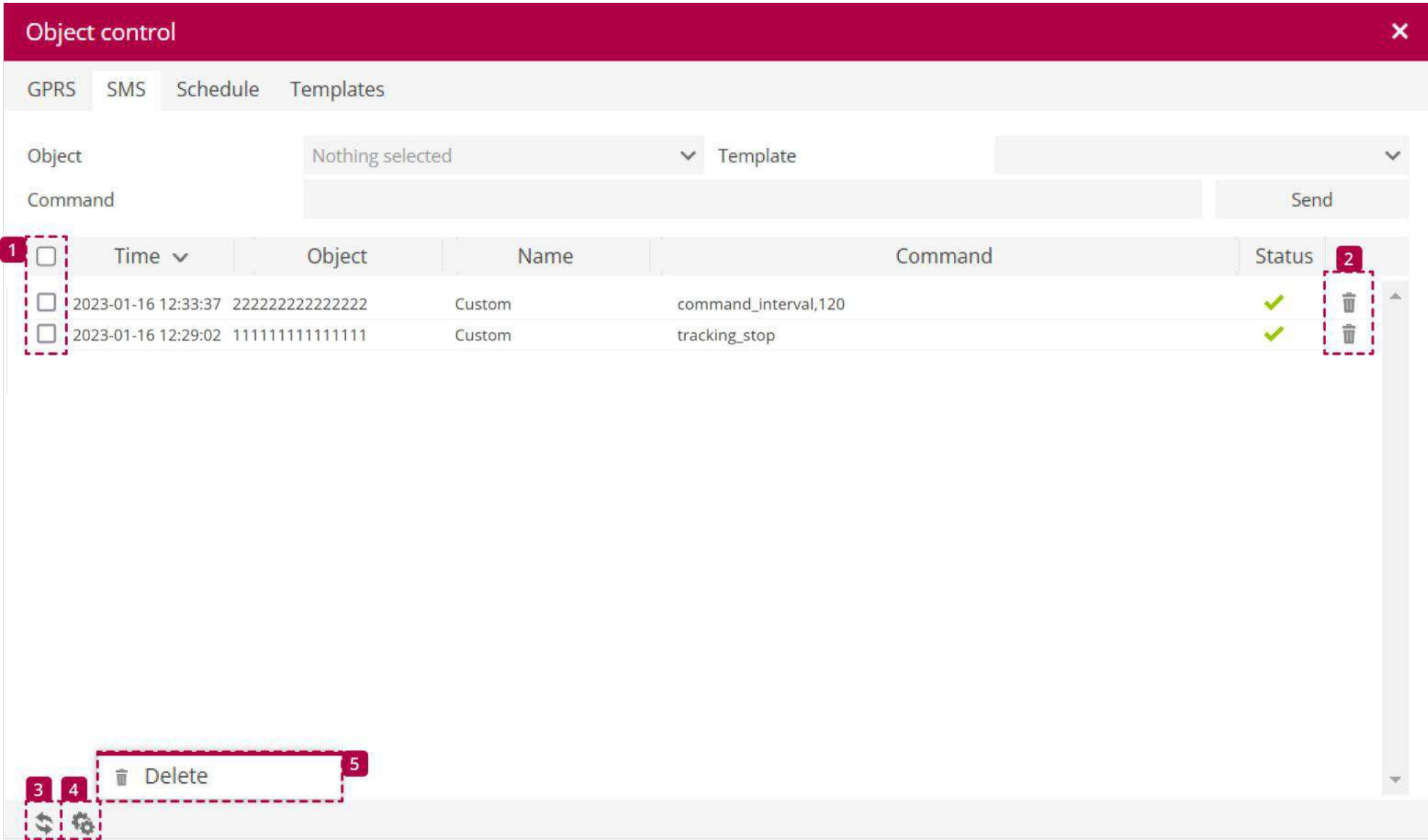
Name	Description
1 Checkbox	Select all command results.
2 Information	Will open additional information for the submitted command.
3 Delete	Permanently deleting command results.
4 Reload	Updating the command results list.
5 Action	Opening the action menu.
6 Delete Selected	Deleting all selected command results.

Notes

In the event that a tracking device is offline, any commands that are sent to it will remain in a "sending" state for a period of 24 hours. After this time has elapsed, if the device remains offline, the command will not be sent. It's important to keep this in mind when sending commands to devices and to ensure that they are online and able to receive commands before sending them.

SMS

In this section you can send SMS commands to the tracking devices to perform certain actions.



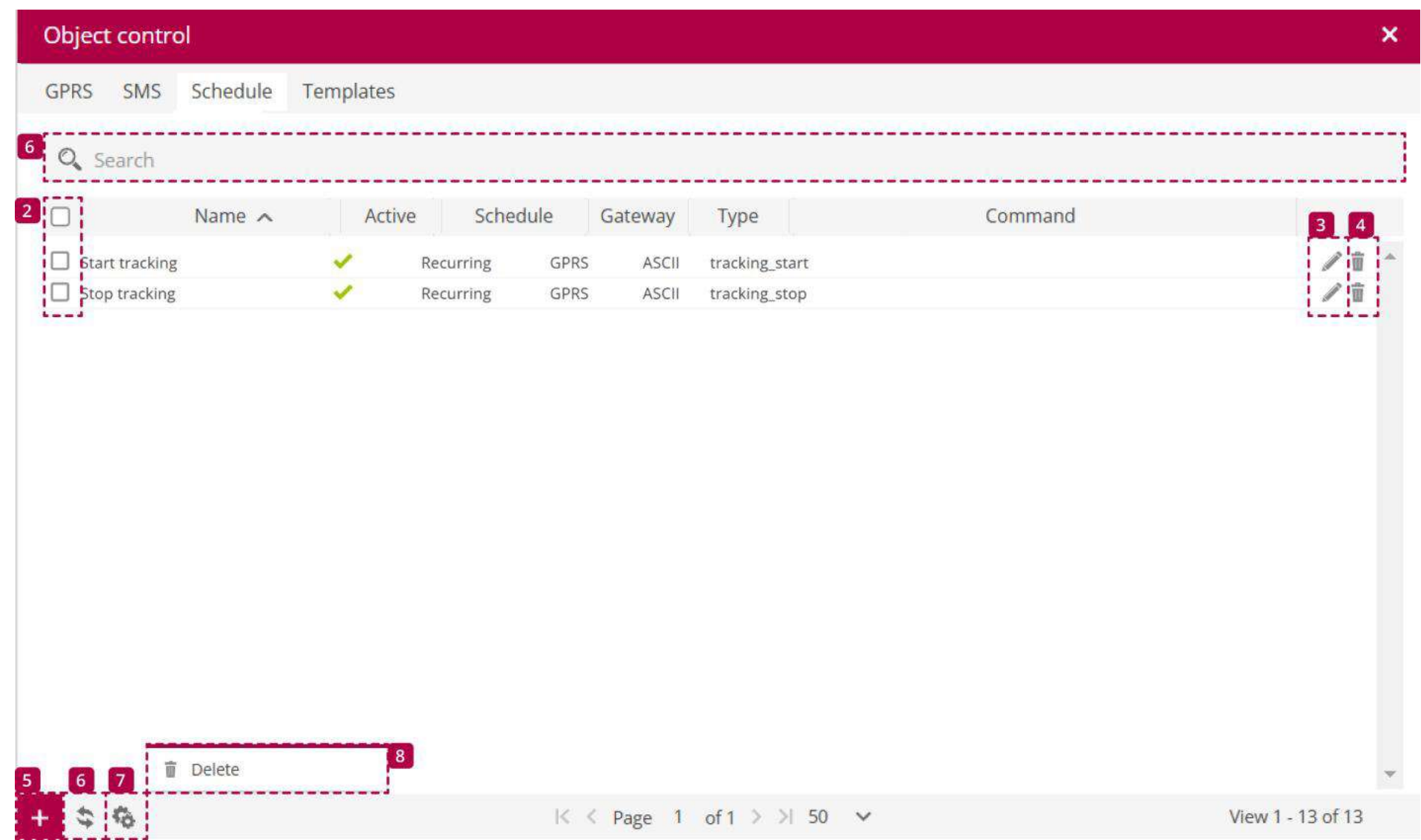
Name	Description
1 Checkbox	Select all command results.
2 Delete	Permanently delete command results.
3 Reload	Update the list of command results.
4 Action	Open the action menu.
5 Delete Selected	Delete all selected command results.

Notes

To use this function, the SMS gateway must be configured.

Schedule

The object control schedule allows you to schedule the sending of commands so that they are executed on a specific day of the week or at a specific time of day.



Name		Description
1	Search	Search command schedule results by name.
2	Checkbox	Select all command schedule results.
3	Edit	Open the command schedule edit menu.
4	Delete	Permanently delete command schedule results.
5	Add	Add a new command schedule.
6	Reload	Update the list of command schedules.
7	Action	Open the action menu.
8	Delete Selected	Delete all selected command schedule results.

Schedule Properties

To create a new command schedule, press the plus button at the bottom of the window.

Schedule properties

Schedule

Active

☒

Name

Protocol

All protocols

Objects

Nothing selected

Template

Custom

Gateway

GPRS

Type

ASCII

Command

Time

Exact time

☐

00:00

Monday

☐

00:00

Tuesday

☐

00:00

Wednesday

☐

00:00

Thursday

☐

00:00

Friday

☐

00:00

Saturday

☐

00:00

Sunday

☐

00:00

Save

Cancel

Schedule

1. **Active** – Activates or deactivates scheduled command.

2. **Name** – Name of the scheduled command entry.

3. **Protocol** – Specify device models for which commands are to be executed.

4. **Object** – Select object or objects for which scheduled commands will be executed.

5. **Template** – Select the template of the command to be executed.

6. **Gateway** – Specify the way in which the command is sent to the tracking device: GPRS or SMS.

7. **Type** – Specify the type in which the command is sent ASCII or HEX, only applicable for GPRS commands.

8. **Command** – Displays the selected command or allows manual entry of a scheduled command.

Time

- **Exact time** – Set date and time when command will be executed.

• **Mon – Sun** – Set days of the week and time when scheduled command will be executed recurrently.

Templates

Object control command templates are used to add a list of commands for multiple use without having to type the same command each time.

Object control

GPRS

SMS

Schedule

Templates

1

Search

2

Name

Protocol

Gateway

Type

Command

Command interval

android

GPRS

ASCII

command_interval,120

3

4

5

6

7

8

+

Delete

Page 1 of 1

50

View 1 - 13 of 13

Name	Description
1 Search	Search command template results by name.
2 Checkbox	Select all command template results.

Name	Description
3 Edit	Open the command template edit menu.
4 Delete	Permanently delete command template results.
5 Add	Add a new command template.
6 Reload	Update the list of command templates.
7 Action	Open the action menu.
8 Delete Selected	Delete all selected command template results.

Command Properties

To create a new command template, press the plus button at the bottom of the window.

Command properties

Template

Name

Hide unused protocols

☐

Protocol

All protocols

Gateway

GPRS

Type

ASCII

Command

Variables

%IMEI% - Object IMEI

Save

Cancel

Template

- 1. **Name** – Name of the command template.
- 2. **Hide unused protocols** – Hide unused protocols from Protocol list.
- 3. **Protocol** – Set device models for which commands are to be executed.
- 4. **Gateway** – Set the way in which the command is sent to the tracking device: GPRS or SMS.
- 5. **Type** – Specify the type in which the command is sent ASCII or HEX, only applicable for GPRS commands.
- 6. **Command** – Displays the selected command or allows manual entry of a scheduled command.

Variable

- **%IMEI%** – Allows to add device IMEI to command body.
- **%TIMESTAMP%** – Allows to add timestamp to command body.

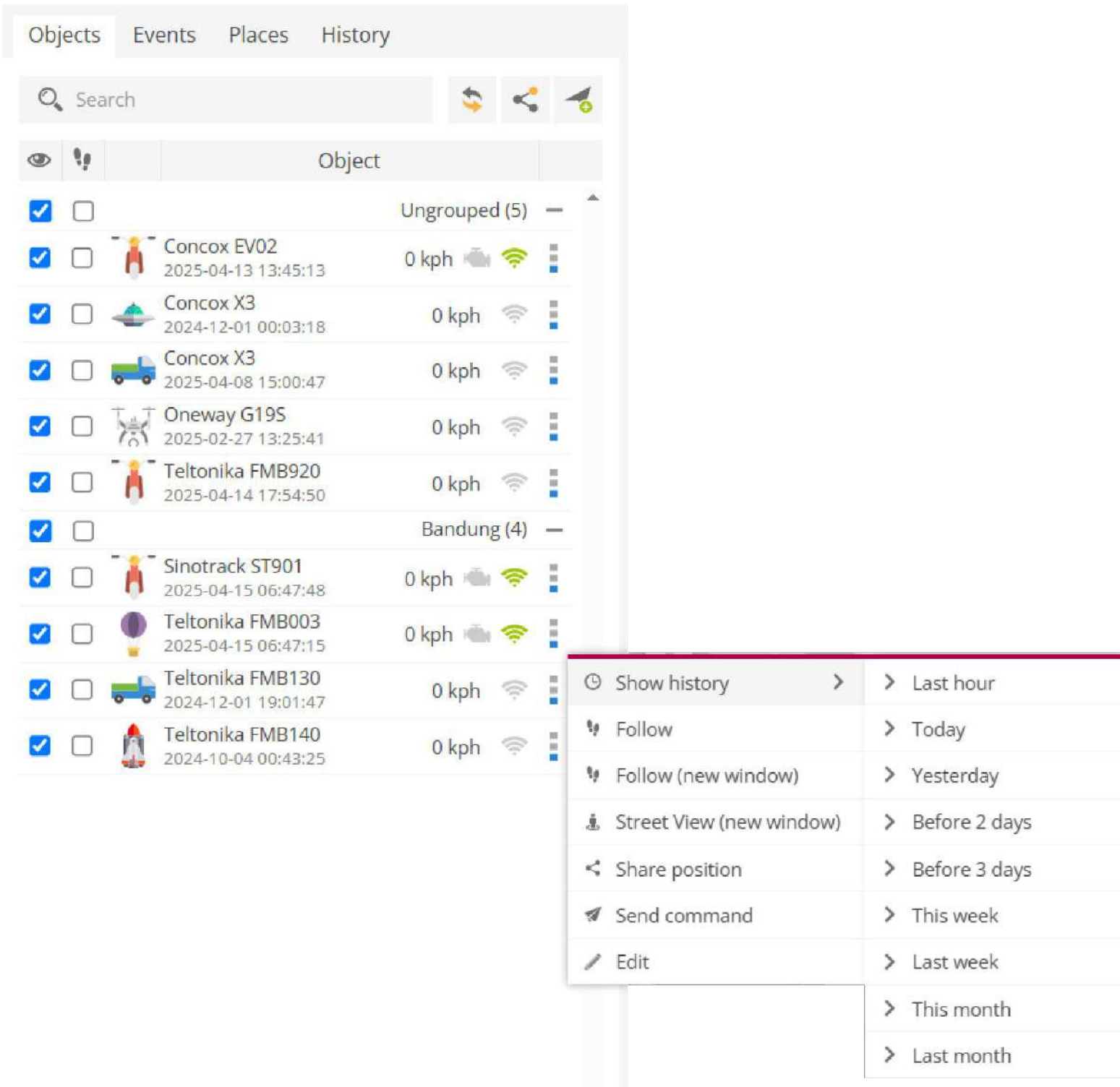
Notes

After the template is created, it will appear in the schedule properties selection box for the template.

Side Panel

Object

The object list panel is located on the left panel. This panel is used to find the location of objects on the map, view history, and send commands.

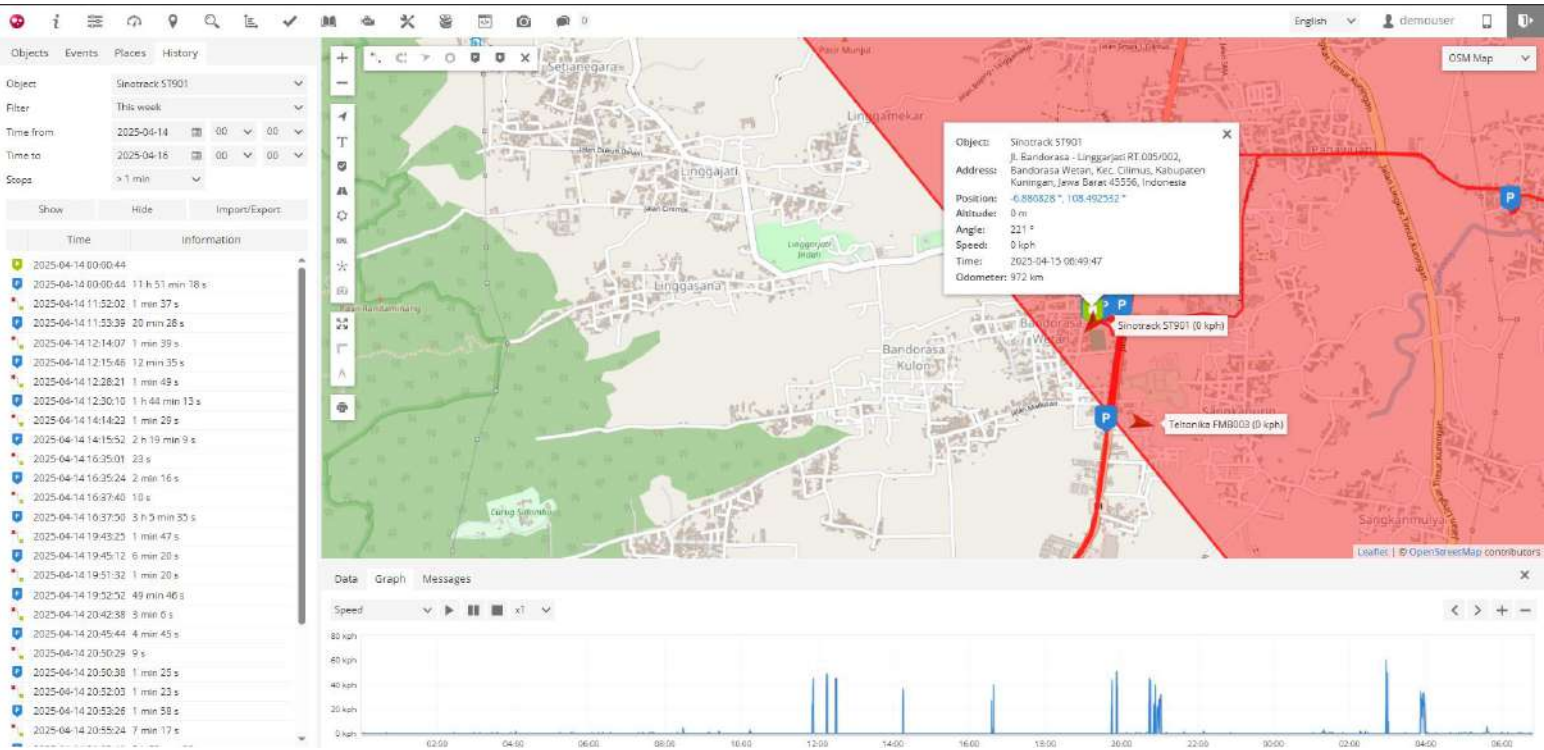


History

View the object history for the selected time period. Click the object options icon as shown below. To load the history, do the following:

- 1. In the left panel click the Object tab options icon.
- 2. Hover over the menu item Show history.
- 3. Select the history period



After that, the route object selection will appear. Choose any point to get the object details.



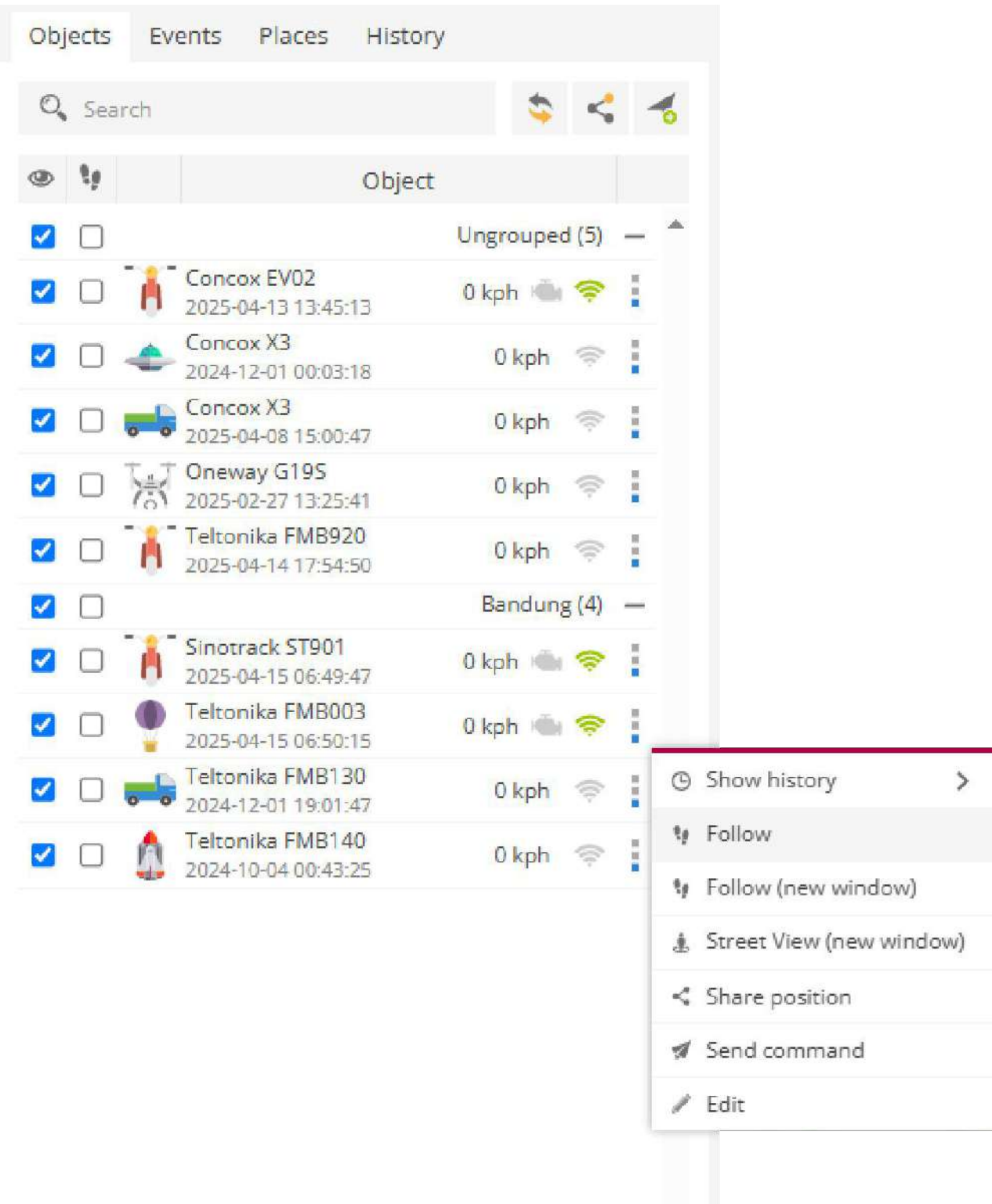
- 1. **Object** – Object name.
- 2. **Event** – Event name.
- 3. **Address** – Address at the selected point.
- 4. **Position** – Object coordinates.
- 5. **Altitude** – Height of the object above sea level.
- 6. **Angle** – Direction of the object's movement.
- 7. **Arrived** – Indicates when the object is parked.
- 8. **Remaining** – Indicates when the object is moving again.
- 9. **Duration** – Time period the object was stationary, parked.
- 10. **Speed** – Speed of the object at the selected point.
- 11. **Time** – Date and time of the object at the selected point.

Follow

This section is used to monitor selected objects separately from others. Monitoring can be done in the same browser window by displaying an additional block or opened in a new window.

- 1. In the left panel,  click the Object tab icon and press options.
- 2. Select.  the follow menu item.
- 3. Select the history period.

After that, the selection of route objects will appear. Select any point to get object details.

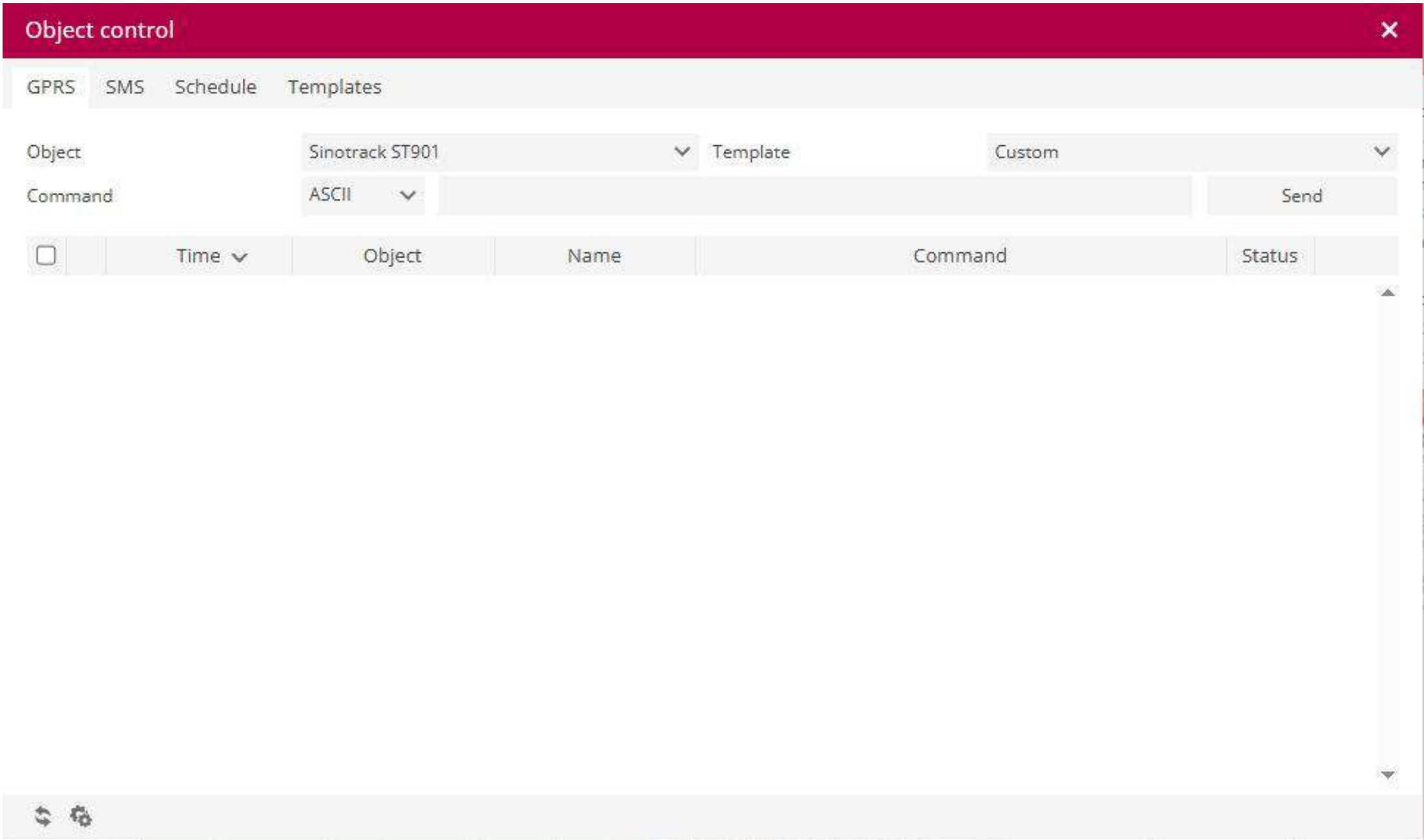


Jendela pemantauan baru akan muncul



Send Commands

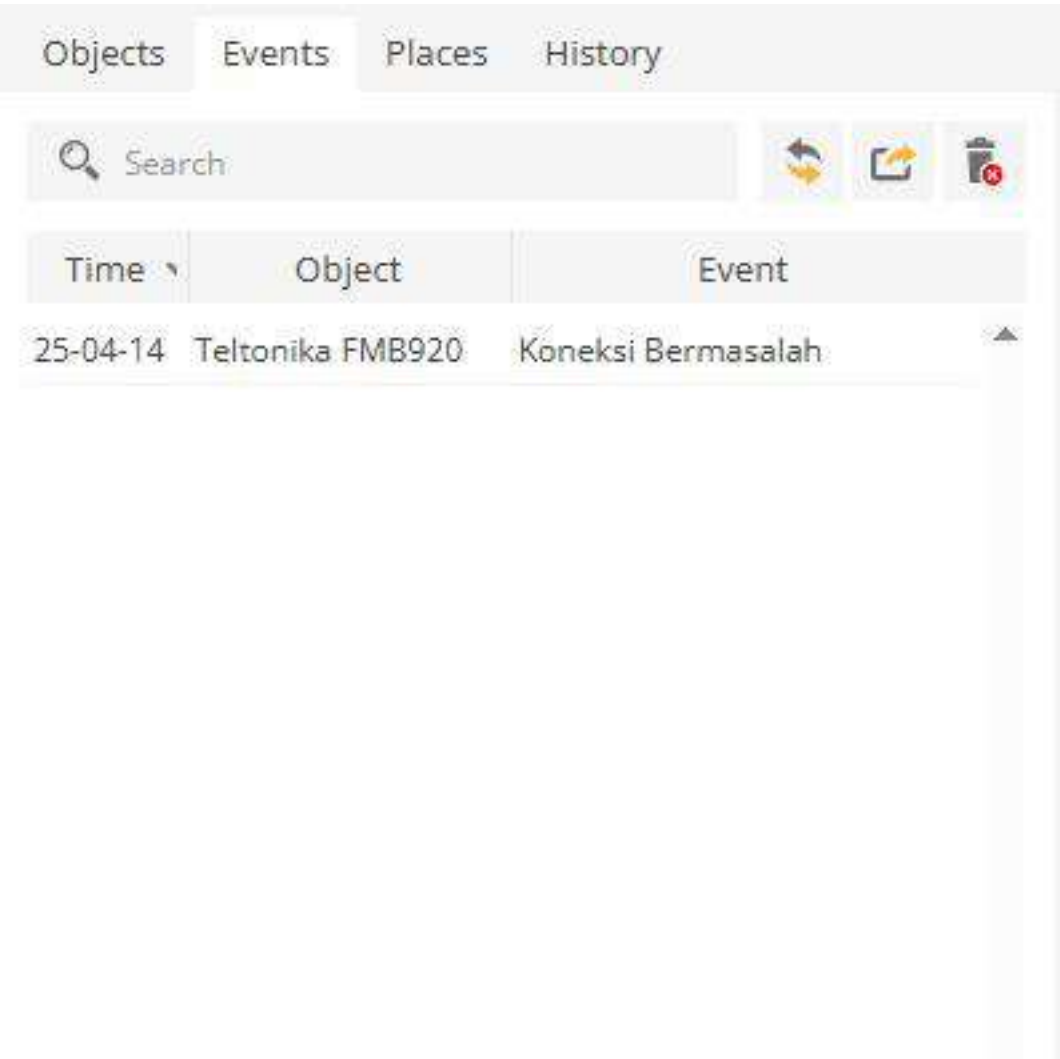
GPS tracking devices can be controlled remotely using Object controls. This section is used to send commands to the GPS device.



Side Panel

Events

Tab Event Display

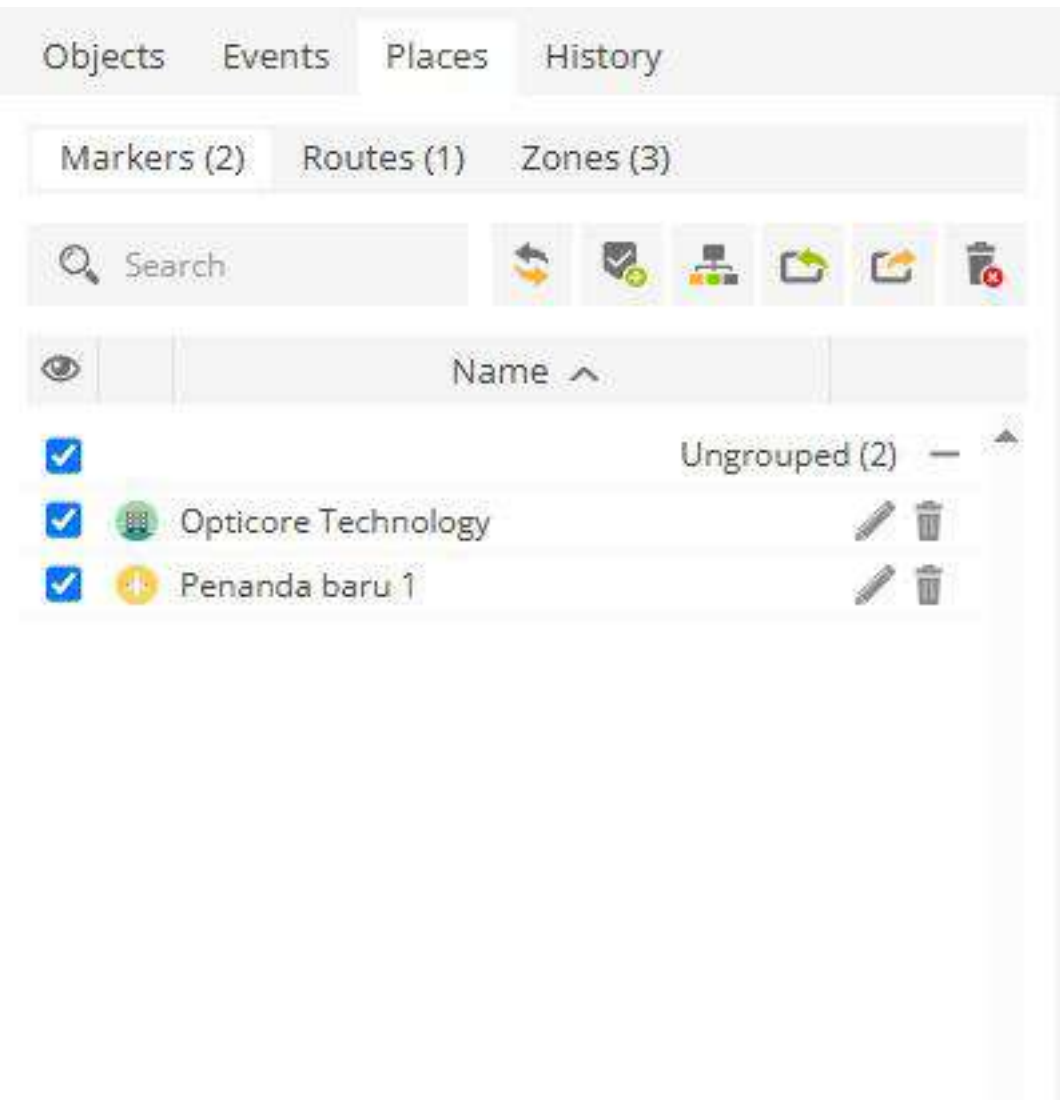


The event timeline is used to simplify the monitoring of objects. This panel contains events that have occurred or been predefined, such as speeding and when an object leaves or enters a selected zone.

- 1. Time – The times when events are detected.
- 2. Object Name – The object assigned to the event.
- 3. Event – The name of the event that has occurred previously.

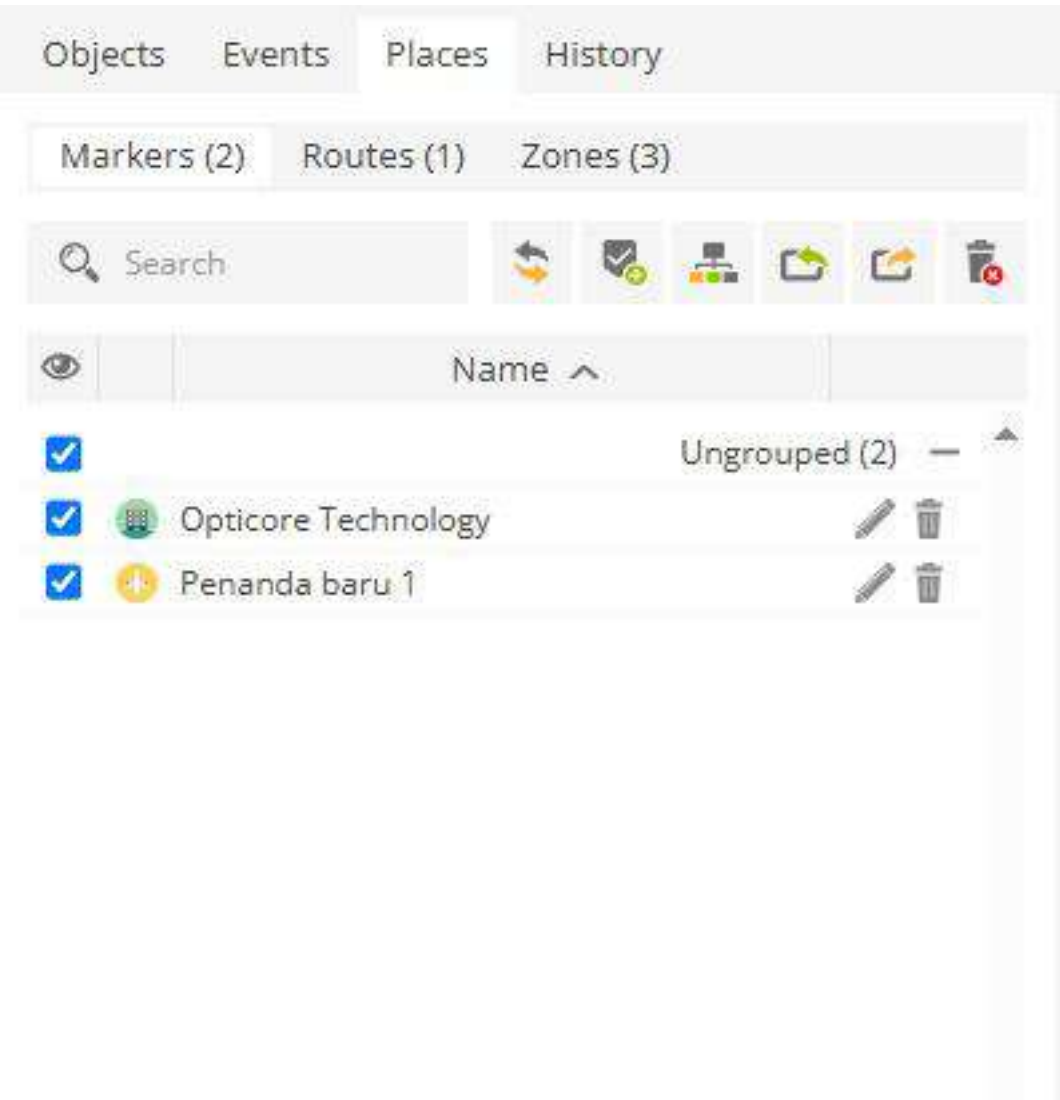
Side Panel

Places



This section is used to mark important places on the map, create routes, and draw zones. Routes and zones can be utilized in events to control the movement of objects and in reports to obtain detailed information about specific objects. For example, when a vehicle or cargo arrives at a designated location, you can receive notifications via email or SMS.

- 1. **Markers** – This section is used to create new markers and view all available markers.
- 2. **Routes** – Create routes, which can be used in events to control entry and exit from predefined routes.
- 3. **Zones** – This section is used to create new zones and view all available zones. Zones can be used in events to control entry and exit from designated areas.
- 4. Search for places by name.
- 5. Reload entries.
- 6. Create entry.
- 7. Group.
- 8. **Import** – Import markers, routes, or zones. Supported file types for import: CSV, PLC, KML.
- 9. **Export** – Export markers, routes, or zones.
- 10. **Delete entry** – Remove all entries.
- 11. **Visibility checkbox** – Enable or disable the visibility of places on the map.

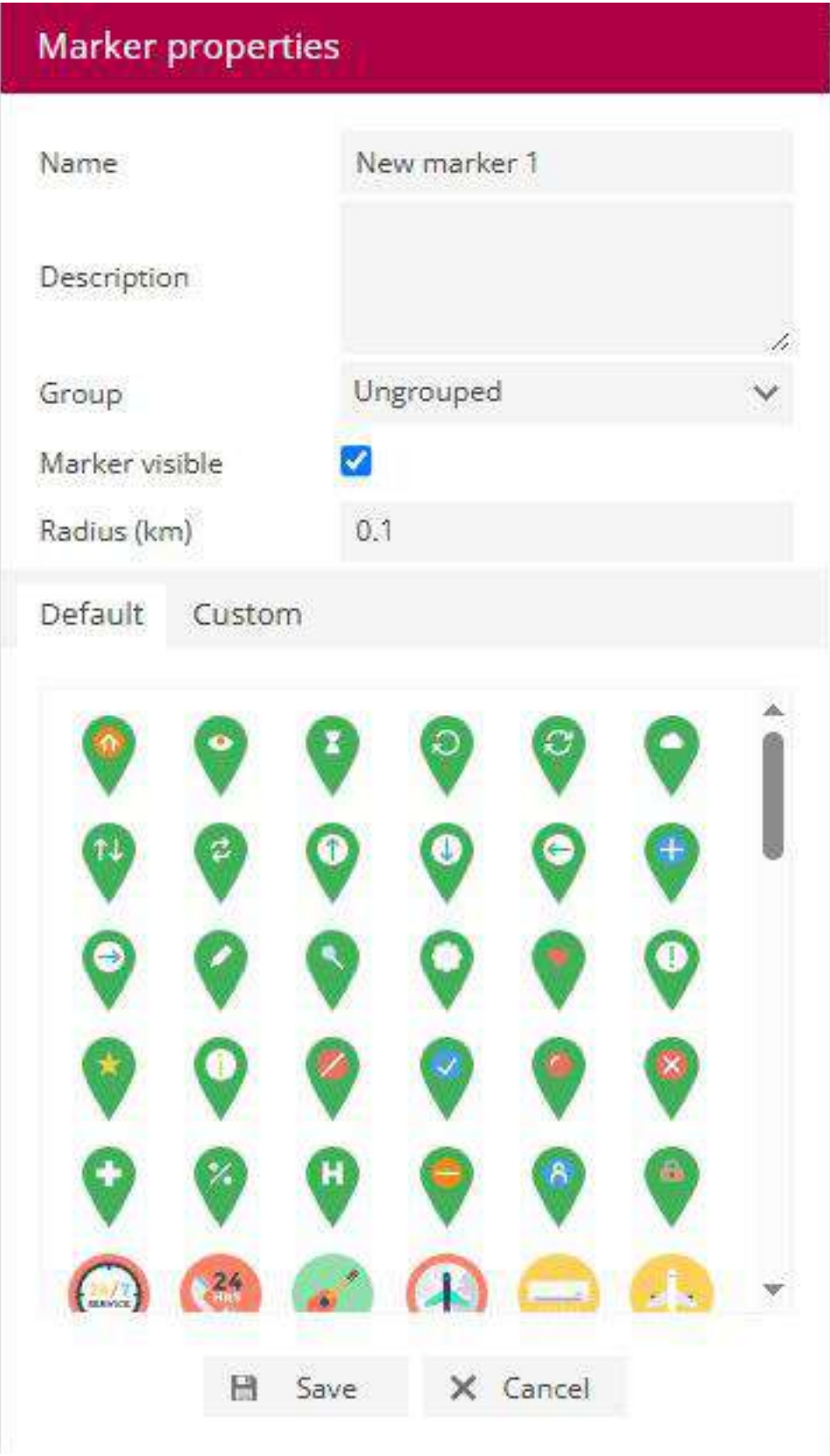


- 12. **Zone color or marker icon** – The color of the zone polygon or resized marker icon.
- 13. **Place name** – Name of the zone or marker.
- 14. **Edit** – Edit zone or marker.
- 15. **Delete** – Remove the selected zone or marker.

Import Place

Markers, routes, and zones can be imported using files with CSV, PLC, and KML extensions.

Point of Interest



Markers are used to mark specific locations on the map by placing icons at the desired positions.

In the left panel, click on the Places tab.

- 1. In the left panel, click on the Places tab.
- 2. Select the Markers section.
- 3. Click. the add marker button.
- 4. The marker properties window will appear.

Add marker.

- 1. Fill in the name and description (if needed).
- 2. Select an icon.
- 3. Click the left mouse button on the desired map location.
- 4. Save the settings.

Edit marker.

- 1. In the left panel, click on the Places tab.
- 2. Select the Markers section.
- 3. In the markers list, click the edit icon.
- 4. Edit the relevant information.
- 5. To change the marker's position, click the left mouse button on the new map position.
- 6. Save changes.

Route

Route properties

Name

New route 1

Group

Ungrouped

Color

FF0000

Route visible

☒

Name visible

☒

Deviation (km)


0.5

Save

Cancel

The Routes section is used to create routes and receive notifications when objects enter or exit those routes. This feature helps in monitoring the movement of objects based on predefined routes.

Add route.

1. In the left panel, click on the Places tab.
2. Select the Routes section.
3. Click.  the add Route button.
4. The route properties window will appear.
5. Click on the map to add route points.
6. Double-click to add the last point.
7. Drag points to change the route. Move the mouse cursor over a point and press the "Del" key on the keyboard to delete it.
8. Save changes.

Note: existing object history points can be exported as routes that can be imported in Places / Routes.

Zone

Zone properties

Name

New zone 1

Group

Ungrouped

Color

FF0000

Zone visible

☒

Name visible

☒

Measure area


Off

Save

Cancel

Add zone.

To add a zone:

1. In the left panel, click on the Places tab.
2. Select the Zones section.
3. Click.  the add Zone button.
4. The zone properties window will appear.
5. Click on the map to add zone points.
6. Double-click to add the last point.
7. Drag points to change the zone. Move the mouse cursor over a point and press the "Del" key on the keyboard to delete it.
8. Save changes.

Edit zone.


To edit a zone:

1. In the left panel, click on the Places tab.
2. Select the Zones section.
3. Select the zone and click the Edit zone button.
4. Zone points will appear.


Group



To add a group:




- 1. In the left panel, click on the Places tab.
- 2. Click.  the group button.
- 3. The group properties window will appear.

To add a group:



- 1. In the Group window,  press the button in the lower left corner.
- 2. The properties window for the place group will appear.

Groups

Search

	Name ^	Places	Description	
<input type="checkbox"/>	Office	0/0/2		  

+



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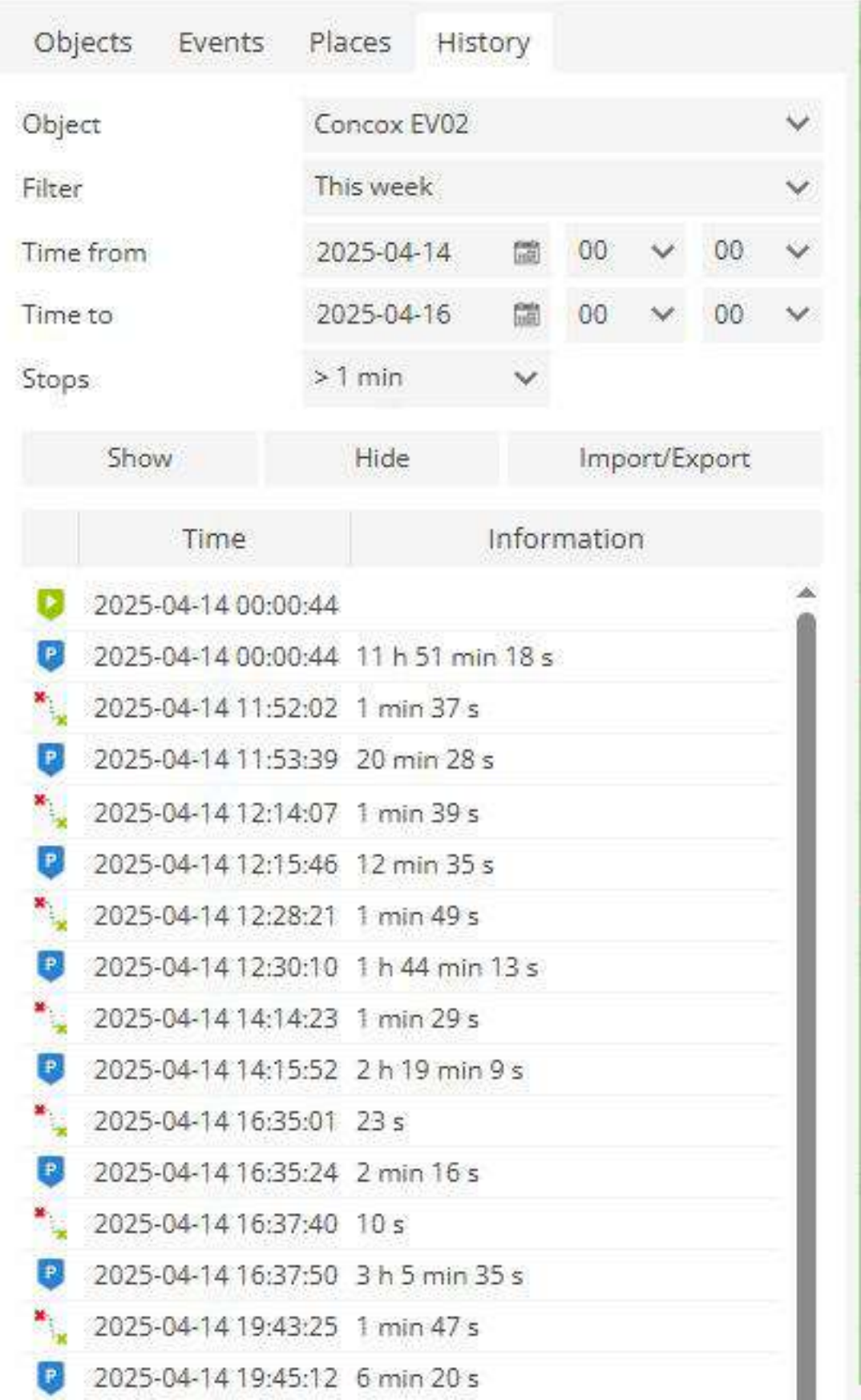
50

View 1 - 1 of 1

Side Panel

History

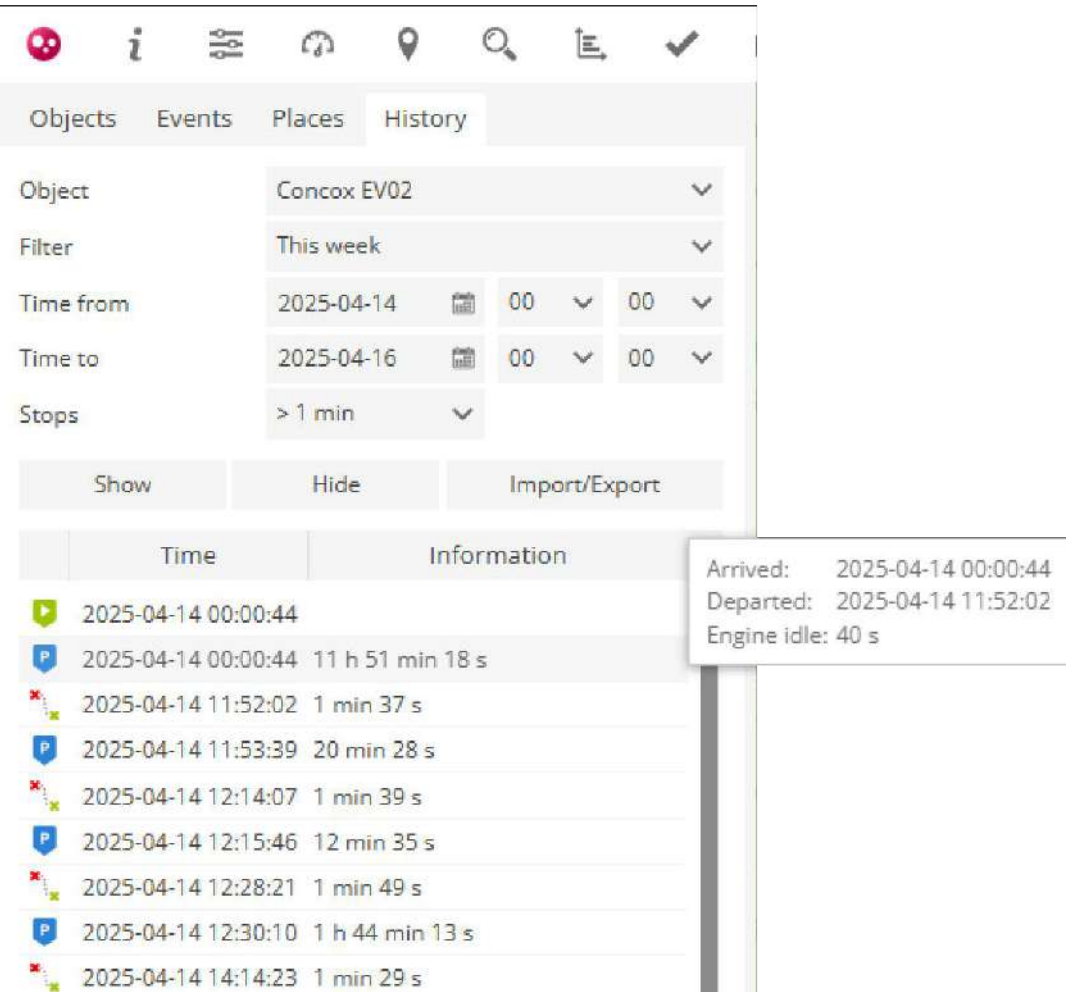
The History section is used to view all information related to objects, including routes, stops, addresses, times, zones, and reports.



- 1. **Object** – Select the object whose history you want to display. Filter – a simple way to set the reporting time period.
- 2. **From time/to time** – An exact way to set the reporting time period.
- 3. **Stops** – Set the stop times to be included in the report, used to exclude stops at red lights.
- 4. **Events** – Include/exclude events in the report.
- 5. **Show** – Display history.
- 6. **Hide** – Hide history.
- 7. **Reports** – Report configuration section.

Import/Export.

- 1. **Save as route** – The object's history can be exported as a route for further use in the places section.
- 2. **Load GSR** – Load report data from a .gsr file.
- 3. **Export GSR** – Export report data to .gsr file format.
- 4. **Export to KML** – Export report data to .kml file format.
- 5. **Export to GPX** – Export report data to .gpx file format.
- 6. **Export to CSV** – Export report data to .csv file format.



Hover over each route history element to see additional information.

Explanation of graphic elements.

Each object action is marked with an icon.

- 1. **Start route** – Beginning of the route.
- 2. **End start** – Beginning of the route.
- 3. **Moving route** – Object is in motion.
- 4. **Stopped route** – Object is stationary.
- 5. **Event** – Event information.