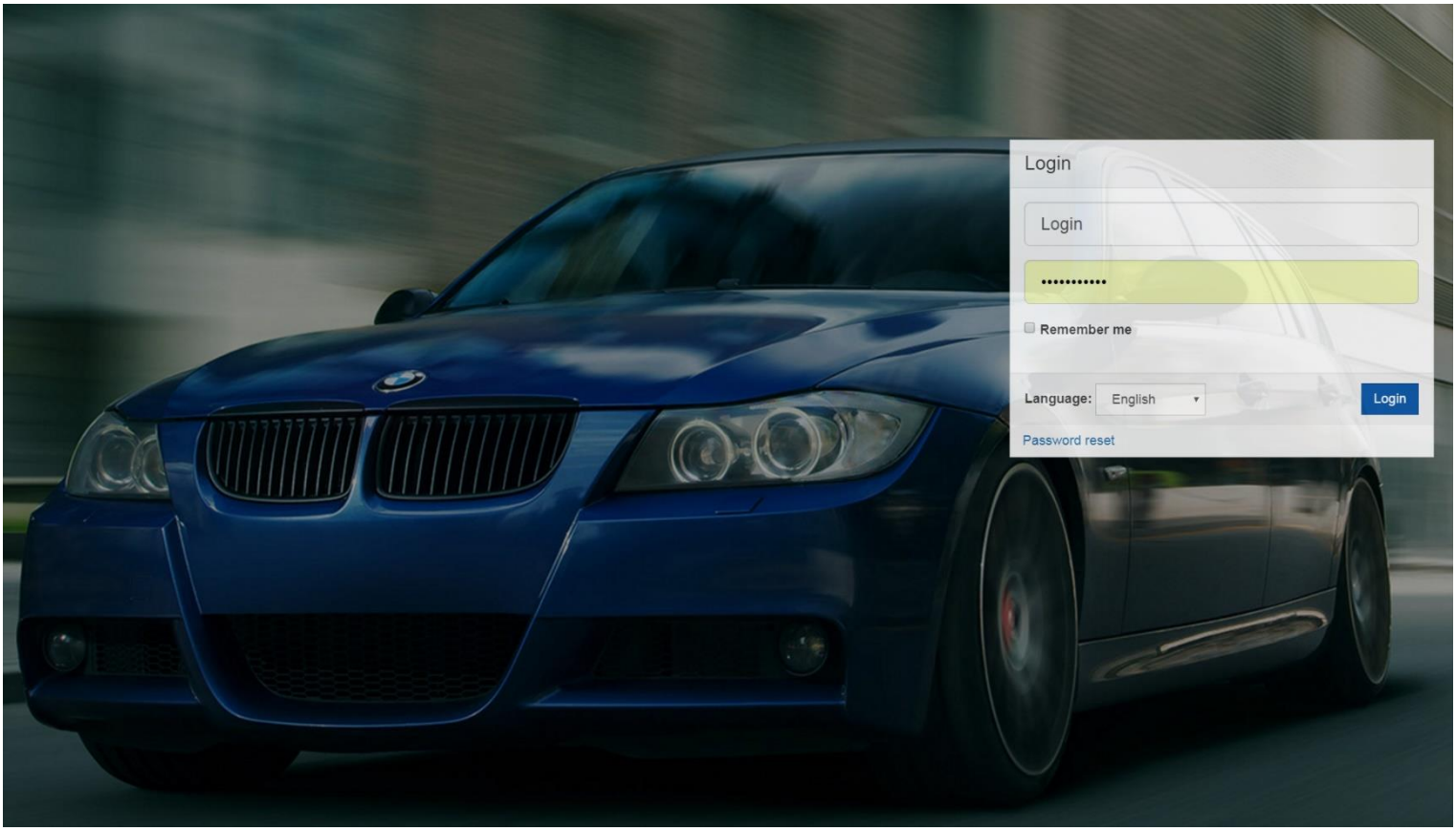
Version 1.3–1/2018

Electronic monitoring system

Positrex



Obsah

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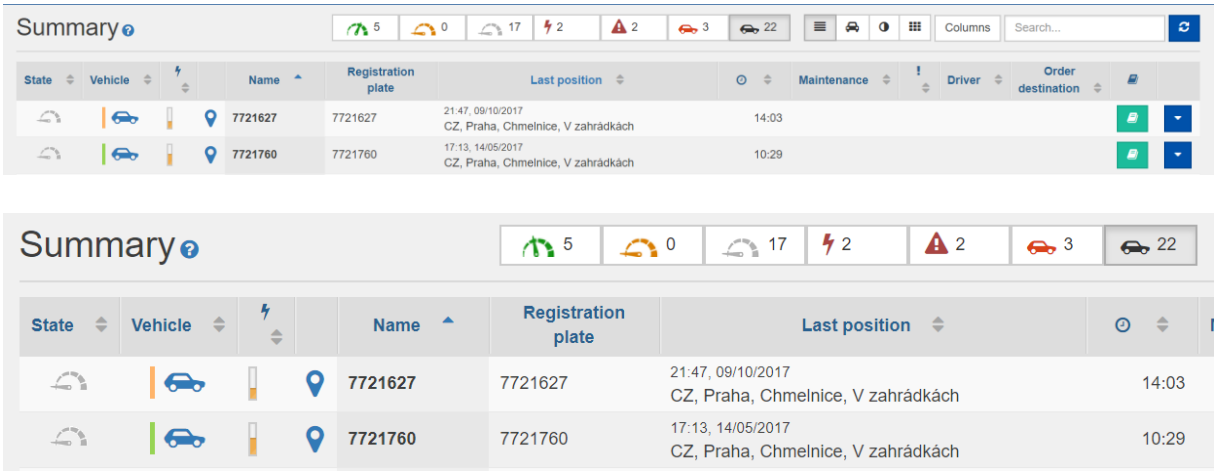
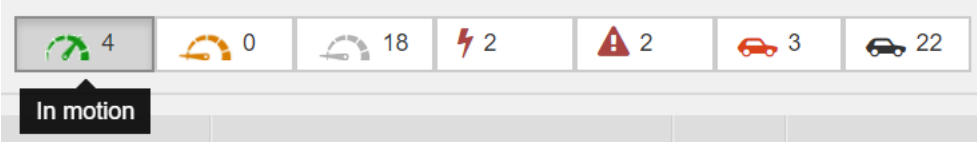
Summary



Usual default view after signing in to the app. Shows a basic overview of each tracked object and its current state. Through the "Columns" button at the top right, you can define the columns to be displayed in the report. Use the search box to filter the tracked objects. The display is automatically restored within 30 seconds. The buttons for quick filtering are also available at the top right.

For fast orientation and overview, you can use the icon bar, where you can view only moving objects, objects with a discharged battery, etc. in the report. Just move the mouse over the icon and click on it.



Filtering objects according to the object type is provided by the icon "Object type"

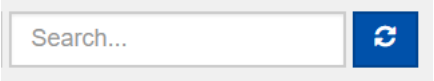
- If you have a setting for each object (car, truck, semi-trailer - see unit settings), you can filter the view on the Summary tab by object type via the icon above.

Filtering objects over the object's color goes through the "Color"

- If you have colored objects (see unit settings), you can filter the view on the Summary tab by the type of object color.

Finding units by name, serial number

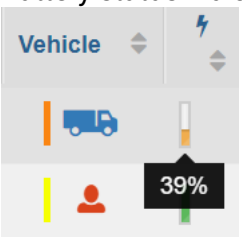
- To find the unit just type the name or serial number of the unit in the search box



A description of each icon on the Summary tab

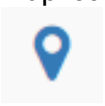
- Speed / motion indicator

- Battery status indicator

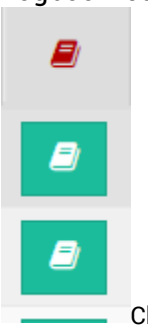


The value appears after moving the mouse over the indicator icon.

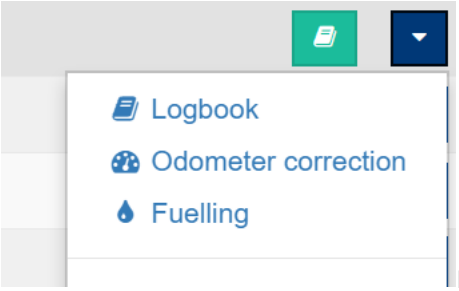
- Map icon


Click on it and you will see the position of your unit on the map.

- Logbook icon

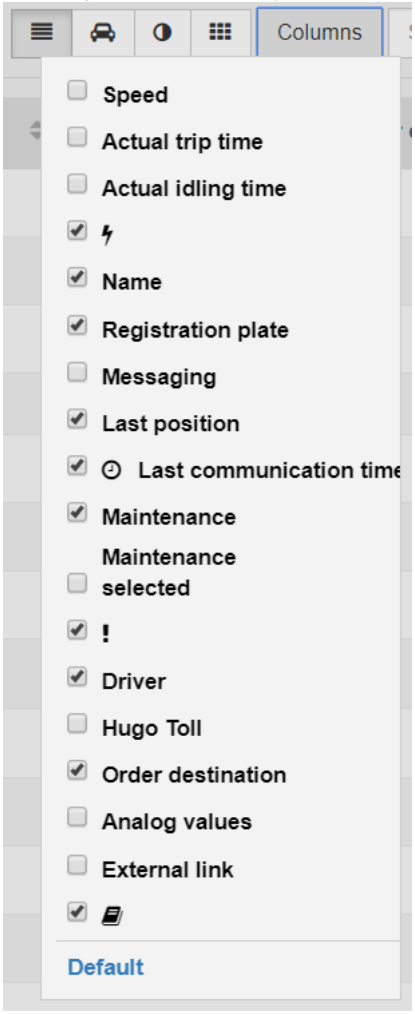

Click on it for redirection to Logbook.

- Shortcut icon



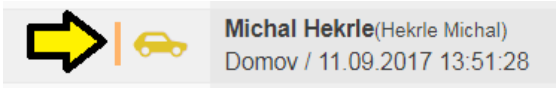
Links to Logbook, Odometer corrections and Fueling.

- Settings of the displayed columns

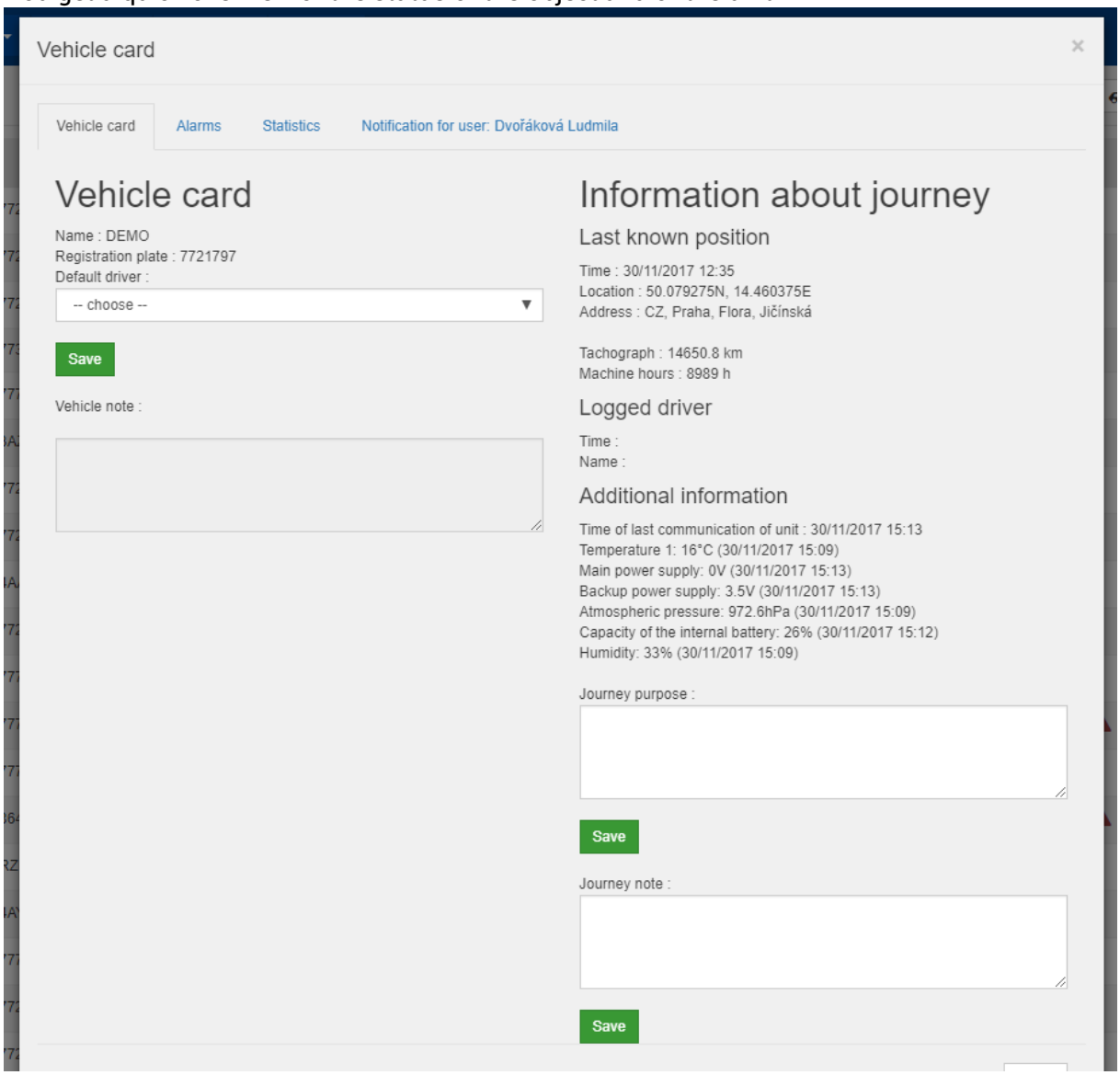


Vehicle card

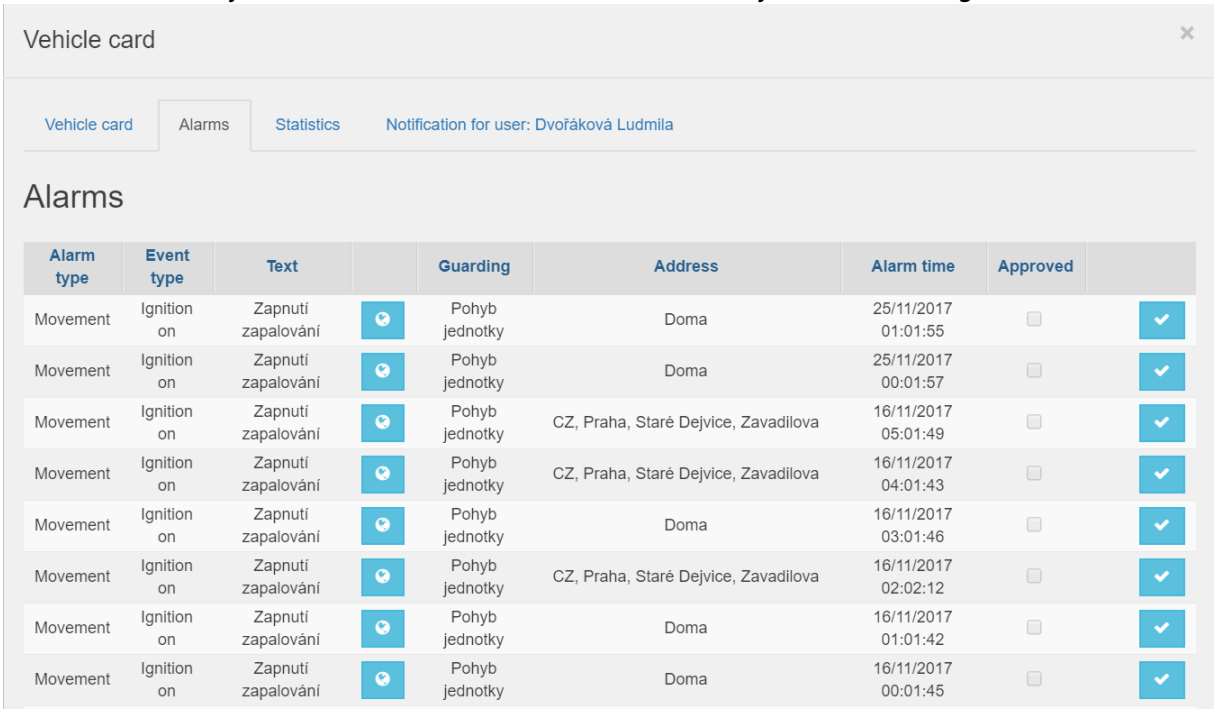
- Double click on the Vehicle icon on the Summary tab



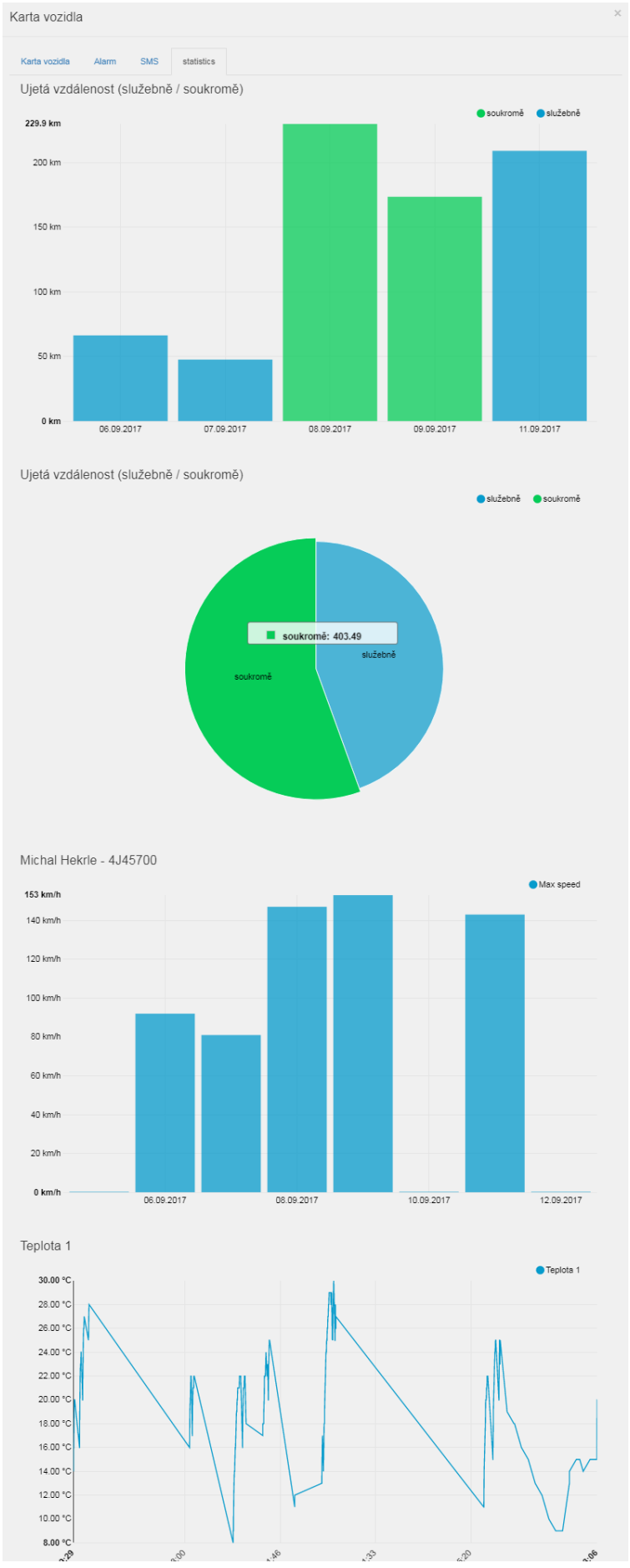
- You get a quick overview of the status of the object and of the unit



- On the Alarm tab, you have an overview of the events which you are watching.

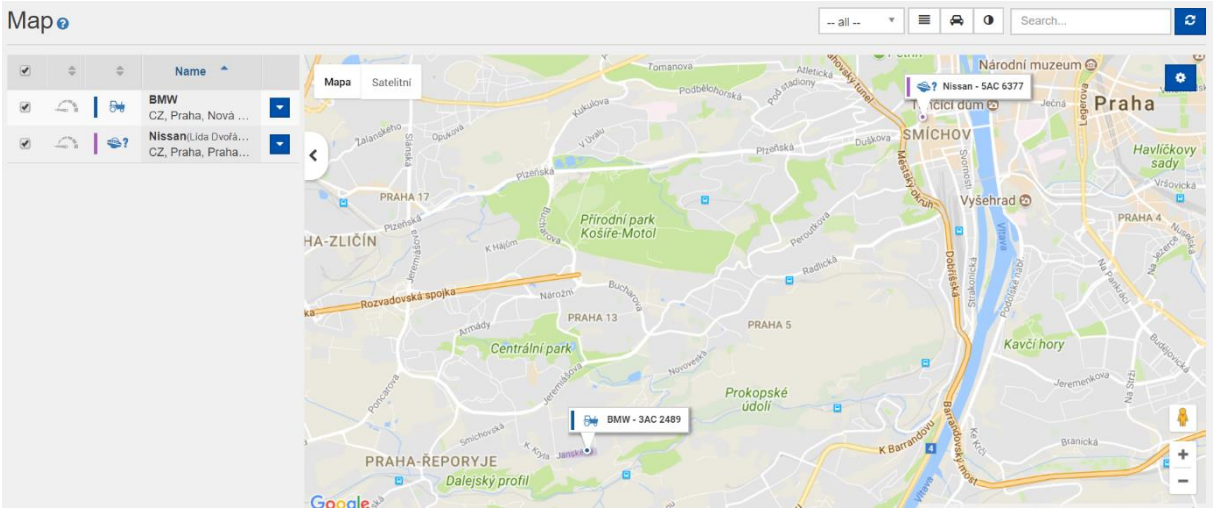


- SMS tab
- The Statistics tab gives you a quick overview of private and business trips, maximum speeds, etc.


Karta vozidla
Karta vozidla
Alarm
SMS
statistics
Ujetá vzdálenost (služebně / soukromě)
soukromě
služebně
229.9 km
200 km
150 km
100 km
50 km
0 km
06.09.2017
07.09.2017
08.09.2017
09.09.2017
11.09.2017
Ujetá vzdálenost (služebně / soukromě)
služebně
soukromě
soukromě: 403.49
služebně
soukromě
Michal Hekrle - 4J45700
Max speed
153 km/h
140 km/h
120 km/h
100 km/h
80 km/h
60 km/h
40 km/h
20 km/h
0 km/h
06.09.2017
08.09.2017
10.09.2017
12.09.2017
Teplota 1
Teplota 1
30.00 °C
28.00 °C
26.00 °C
24.00 °C
22.00 °C
20.00 °C
18.00 °C
16.00 °C
14.00 °C
12.00 °C
10.00 °C
8.00 °C

Map

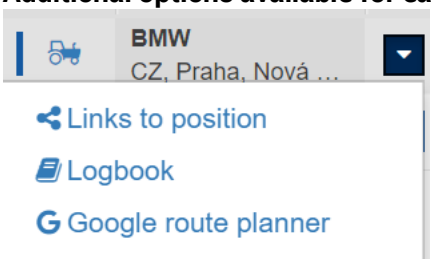
The last known position of vehicles is displayed on the map. In the list on the left you can select individual vehicles for detailed map view. Part of the list on the left are both instantaneous vehicle status indicators (on the road, at rest), the type of ride (private, business), and other functions can be selected using the scrolling menu via the triangle tag. The buttons for quick filtering are also available at the top right. The gear icon in the map at the top right serves to set the map behavior (hold the object in the middle of the map, view labels, merge objects, and view traffic). The screen is automatically refreshed within 30 seconds.



Selecting the displayed objects is through the checkbox

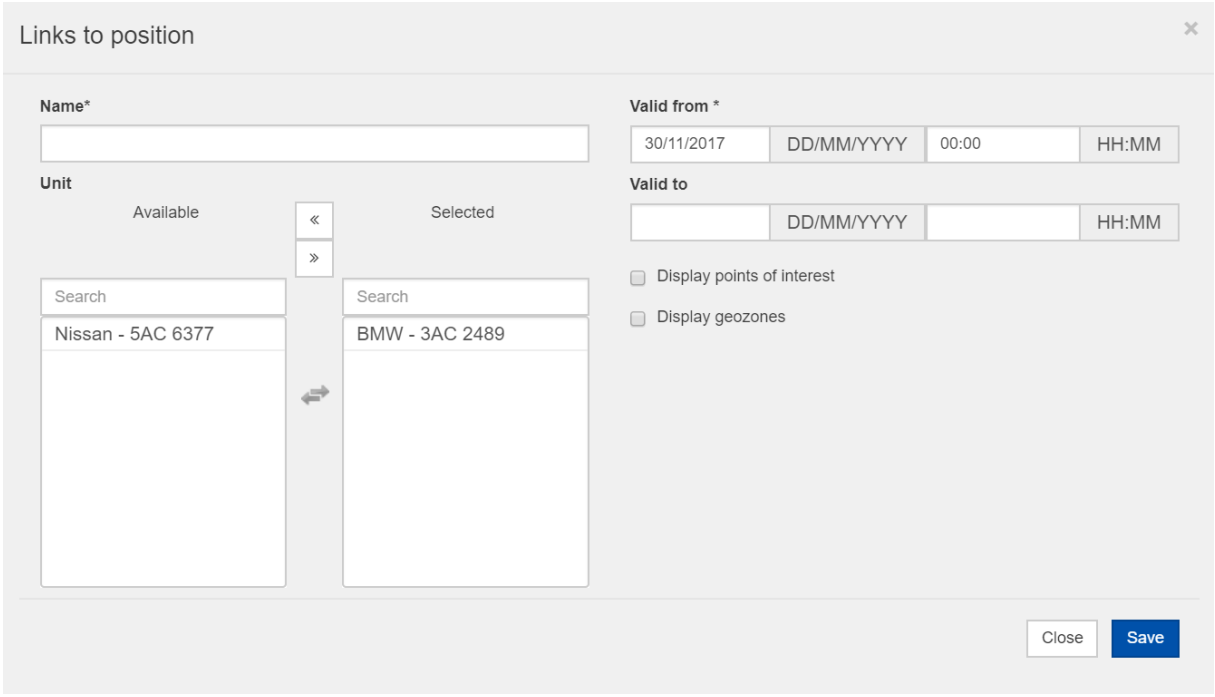
- Checkbox in the upper left corner = all units are selected
- Check box for each object = select whether or not object should be displayed on the map

Additional options available for each object are accessible via the icon

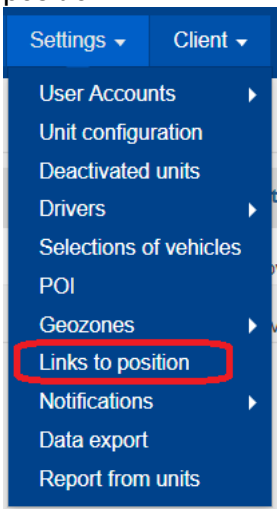


- Links to position
    - This feature is used to share the position of an object with somebody.
    - The function is perfect for your customer to see where your truck is located, so he does not have to call you.
- Link to position can be valid unlimited time or the validity can be set within a certain time.

- You can always edit the parameters.
- Configuration – click on “Links to position”, enter the name and choose the object which you want to track. Set “Valid from/to”. If you will not set “Valid to”, the link will be valid until you delete it.



Click on “Save” button. A link will be created. Go to Settings tab and choose “Links to position”



You will find the link in the list.

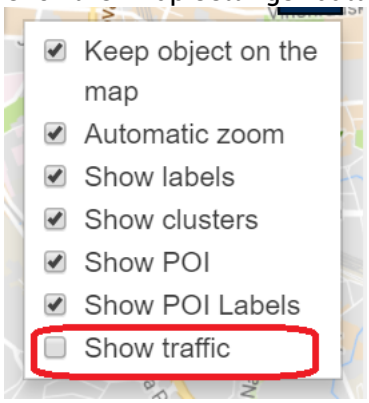
You can copy the link and send it to your client. It can be open on every operating system, every web browser.

You can edit the link via “Edit” button or delete the link via “Delete” button
When the link is not valid, it can not be edited.

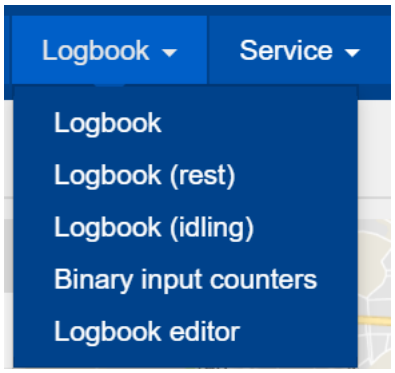
- **Google route planner**
  - Navigation to the selected object.

- If you click on a link through a web browser, you will be redirected to Google Maps and Route Planning app where the starting point will be your address which you need to specify and the target point will be the address of the selected object.
- If you click on the link through your mobile phone, it will be redirected to Google Mobile Nvigation app, where you enter your address as the starting point. The target point is again the address of the selected object.
- If the selected object moves, you will be navigated to the address that was valid at the time of route planning. In this case it is always better to reschedule the route by re-clicking the route planning.

- **Traffic on the map settings**
  - While using Google Maps, you can see traffic on the map
  - Click the “Map settings” button and select the “Show traffic” option.



Logbook

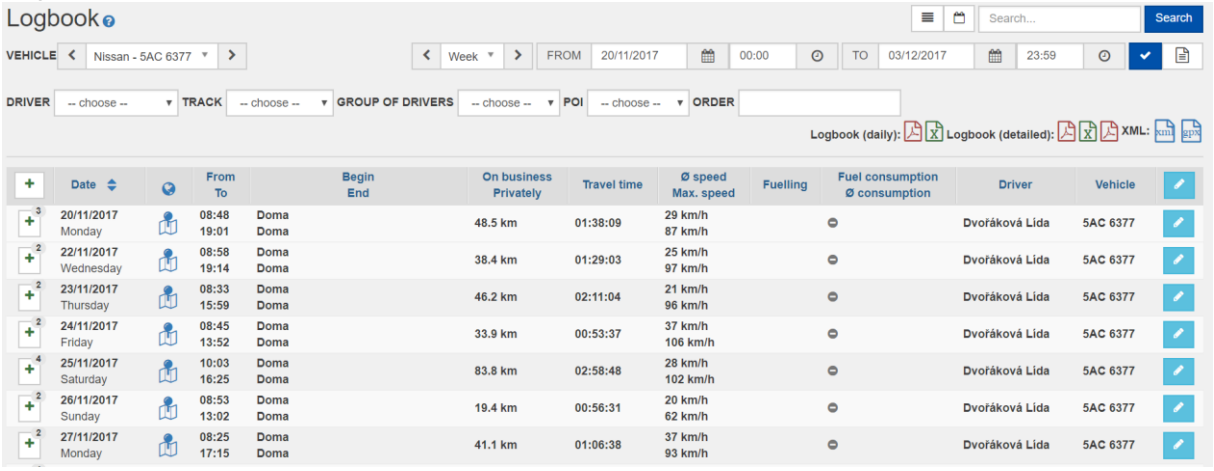


A list of all the selected vehicle's journeys for the selected period. The default view of the logbook is a preview of the days when the selected vehicle was in motion and corresponds to the Logbook icon. It is then possible to expand every day into a detailed overview of all journeys made on that day. Another optional view of the logbook is Timeline. In this view, each ride is graphically represented by a line on the timeline. Switching between Logbook display and Timeline display is done by selecting the appropriate icon at the top right.

Clicking the button at the top right will display additional options. On the one hand, Icons will appear for different export types (XLS, PDF, XML), when the export contains items from that period that is selected. At the top left are the individual scroll menus for filter definition. The "pencil" icon appears on the right of the individual rows that represent the individual days of the logbook. This icon is used to add information within one day in the logbook or, after unpacking the line / day to individual trips, to add information for individual day trips. By clicking the "Map" icon in the 3rd column, you can see details of the day's or individual ride. If the map icon is gray, this detailed map view is no longer available because the record is more than 13 months old since it was created.

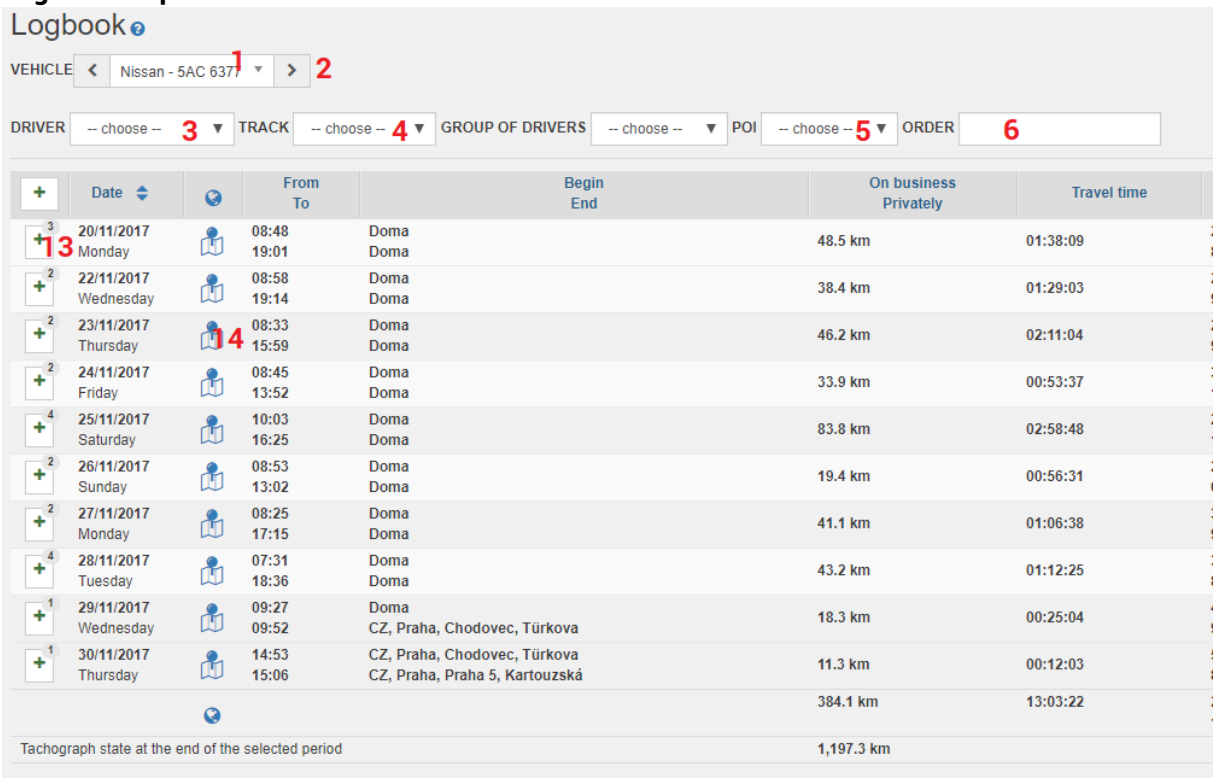
- The accuracy of the Logbook depends on the selected unit and its tracking interval. For more information please contact your sales representative.
- The accuracy of the Logbook also affects the size of tire. If you have winter wheels on a 17”rim and summer on a 18”, it is necessary to egularly correct the odometer.

Logbook – complete view

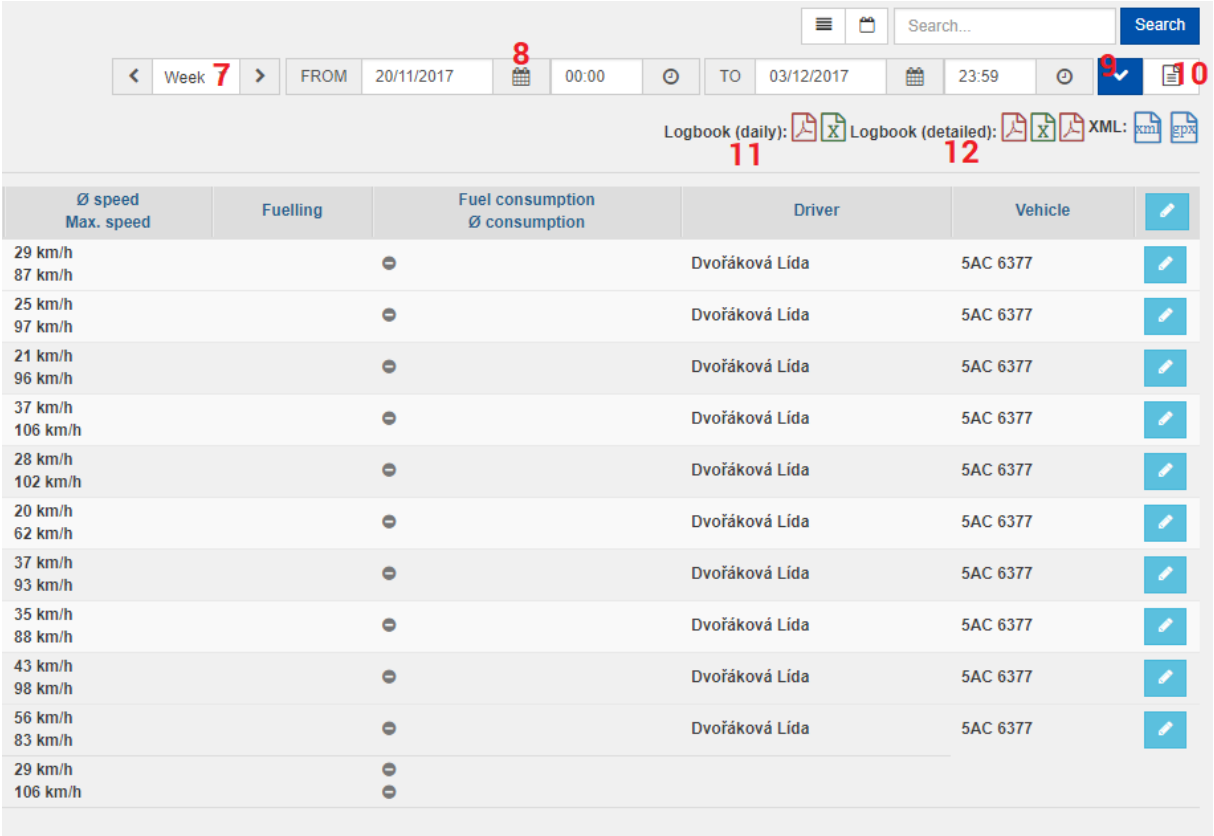


Date	From To	Begin End	On business Privately	Travel time	Ø speed Max. speed	Fuelling	Fuel consumption Ø consumption	Driver	Vehicle
20/11/2017 Monday	08:48 19:01	Doma Doma	48.5 km	01:38:09	29 km/h 87 km/h			Dvořáková Lída	5AC 6377
22/11/2017 Wednesday	08:58 19:14	Doma Doma	38.4 km	01:29:03	25 km/h 97 km/h			Dvořáková Lída	5AC 6377
23/11/2017 Thursday	08:33 15:59	Doma Doma	46.2 km	02:11:04	21 km/h 96 km/h			Dvořáková Lída	5AC 6377
24/11/2017 Friday	08:45 13:52	Doma Doma	33.9 km	00:53:37	37 km/h 106 km/h			Dvořáková Lída	5AC 6377
25/11/2017 Saturday	10:03 16:25	Doma Doma	83.8 km	02:58:48	28 km/h 102 km/h			Dvořáková Lída	5AC 6377
26/11/2017 Sunday	08:53 13:02	Doma Doma	19.4 km	00:56:31	20 km/h 62 km/h			Dvořáková Lída	5AC 6377
27/11/2017 Monday	08:25 17:15	Doma Doma	41.1 km	01:06:38	37 km/h 93 km/h			Dvořáková Lída	5AC 6377

Logbook – splitted screen for better overview

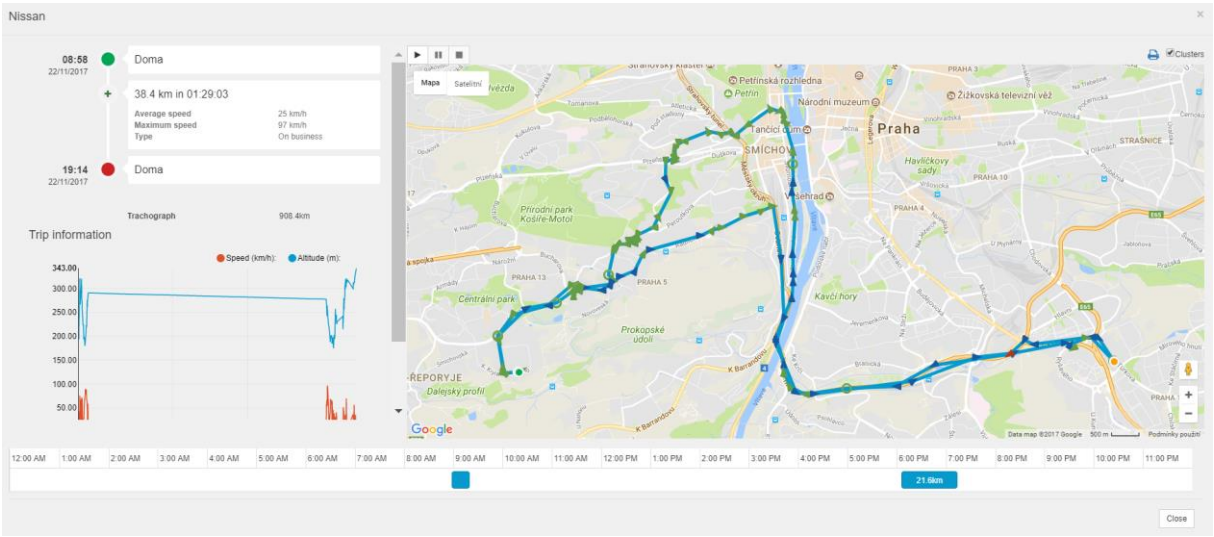


Date	From To	Begin End	On business Privately	Travel time
13 20/11/2017 Monday	08:48 19:01	Doma Doma	48.5 km	01:38:09
22/11/2017 Wednesday	08:58 19:14	Doma Doma	38.4 km	01:29:03
23/11/2017 Thursday	08:33 15:59	Doma Doma	46.2 km	02:11:04
24/11/2017 Friday	08:45 13:52	Doma Doma	33.9 km	00:53:37
25/11/2017 Saturday	10:03 16:25	Doma Doma	83.8 km	02:58:48
26/11/2017 Sunday	08:53 13:02	Doma Doma	19.4 km	00:56:31
27/11/2017 Monday	08:25 17:15	Doma Doma	41.1 km	01:06:38
28/11/2017 Tuesday	07:31 18:36	Doma Doma	43.2 km	01:12:25
29/11/2017 Wednesday	09:27 09:52	Doma CZ, Praha, Chodovec, Türkova	18.3 km	00:25:04
30/11/2017 Thursday	14:53 15:06	CZ, Praha, Chodovec, Türkova CZ, Praha, Praha 5, Kartouzská	11.3 km	00:12:03
			384.1 km	13:03:22
Tachograph state at the end of the selected period			1,197.3 km	



Function description:

1. Unit / vehicle filter
2. Vehicle selection slider = fast moving to the next vehicle
3. Driver filter
4. Type of journey (private/business) filter
5. Filter by POI
6. Filter by contract
7. Setting the interval for logbook view (daily, weekly, monthly)
8. Manual setting the interval for logbook view
9. Confirmation of selection for evaluation according to selected filters
10. Option button (opens extened options – download in different format)
11. Logbook daily – The downloaded file will show only the daily ride
12. Logbook detailed – The downloaded file will provide an overview of each ride during the days
13. (The GPX file is suitable for importing to Google Earth)
14. Expand detail – if you have multiple rides a day, click to expand to see each ride
15. Journey detail icon - you will be redirected to the journey details (see next picture)

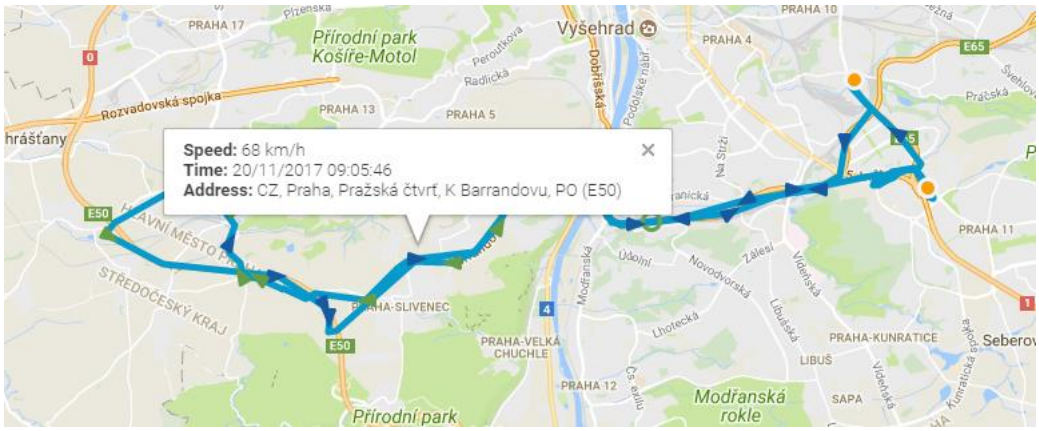


Route description

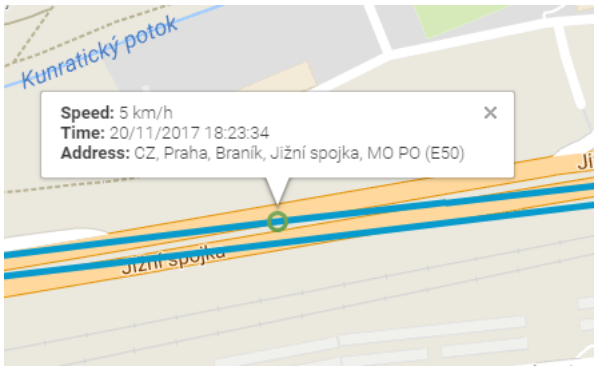
- Different coloured arrows can be seen on the map
- Each colour of arrow correspond to preset speed interval
- By colour you will know at what speed the object moves

Speed limits

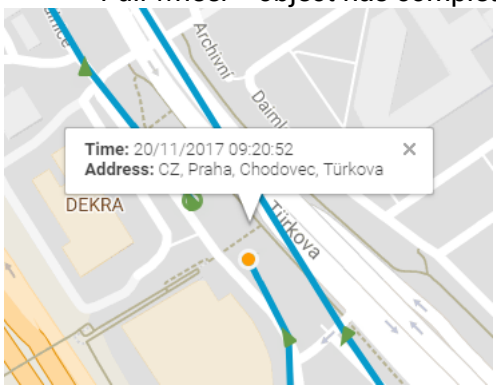
Color on map	Limit [km/h]
	0
	6
	51
	91
	131

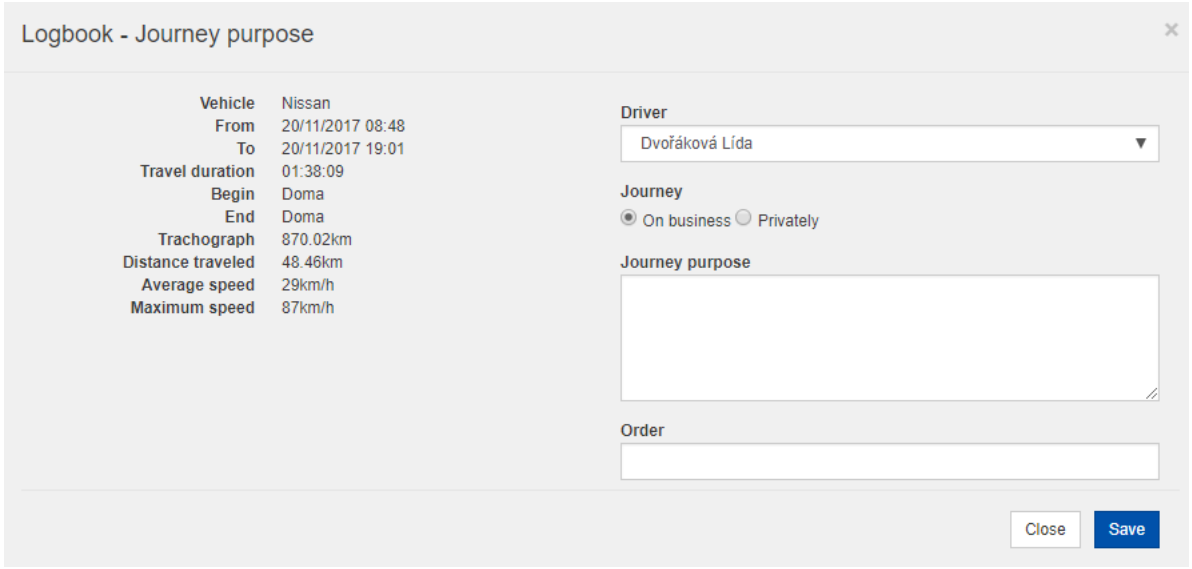


- Triangle = at the moment of measurement the object is in motion
- Empty wheel = at the moment of measurement the speed of the object is less than 5 km/h or the object is not in motion



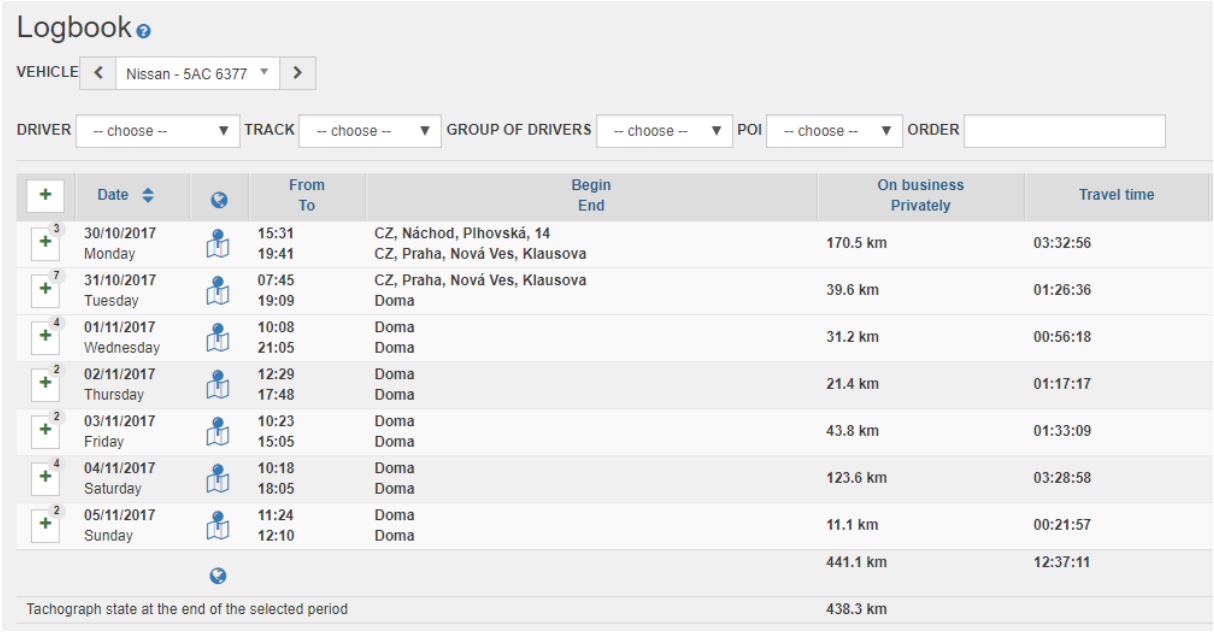
- Full wheel = object has completed the ride





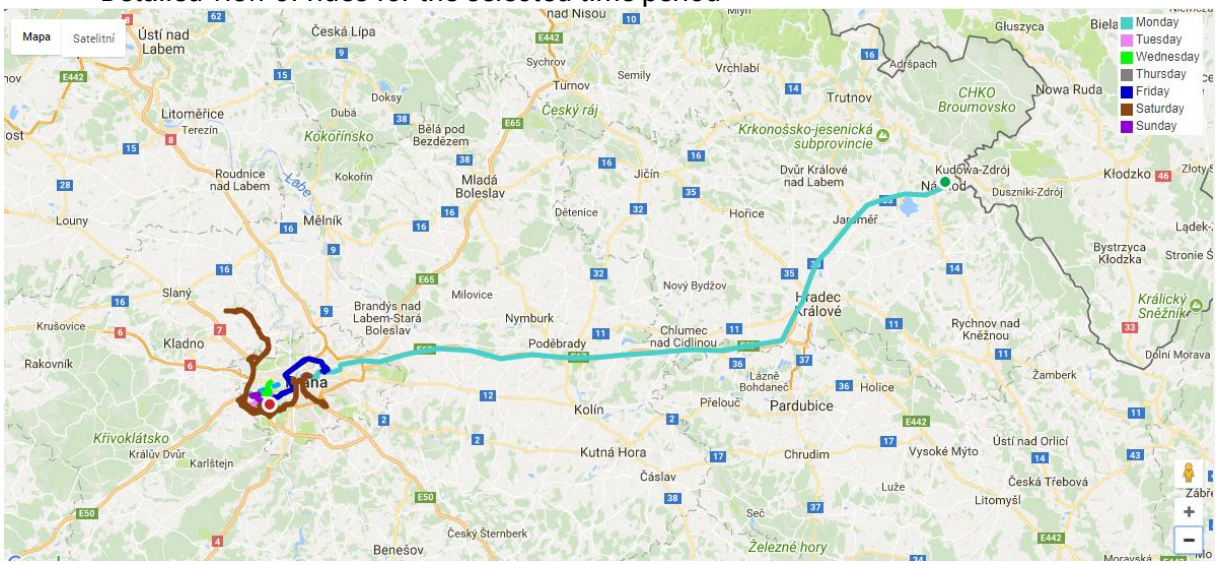
Group trips into one map

- Special feature which can group all rides of one object to one map
- It is possible to create an overview up to 30 days
- Click the globe icon to enable the feature
- Each route has its own colour according to the day of the week



Date	From To	Begin End	On business Privately	Travel time
30/10/2017 Monday	15:31 19:41	CZ, Náchod, Plhovská, 14 CZ, Praha, Nová Ves, Klausova	170.5 km	03:32:56
31/10/2017 Tuesday	07:45 19:09	CZ, Praha, Nová Ves, Klausova Doma	39.6 km	01:26:36
01/11/2017 Wednesday	10:08 21:05	Doma Doma	31.2 km	00:56:18
02/11/2017 Thursday	12:29 17:48	Doma Doma	21.4 km	01:17:17
03/11/2017 Friday	10:23 15:05	Doma Doma	43.8 km	01:33:09
04/11/2017 Saturday	10:18 18:05	Doma Doma	123.6 km	03:28:58
05/11/2017 Sunday	11:24 12:10	Doma Doma	11.1 km	00:21:57
			441.1 km	12:37:11
Tachograph state at the end of the selected period			438.3 km	

- Detailed view of rides for the selected time period



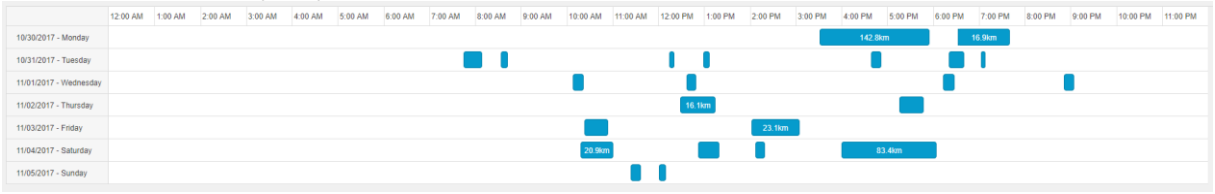
The group feature is suitable for:

- Cargo check along its whole route – when shipment is not typically done within 1 day and you need to look at whole route
- Route compliance – to find out whether driver used the way which he should use
- Overview of route plan completion according to working days, if there is some deviation of the plan
- Car abuse – you can quickly see if the car is used for non business rides

Working time layout

- You can also use the Logbook overview to see when he object was moving during the day
- This feature mainly provides quick overview whether or not the object is used properly during the working hours
- In the Logbook use this icon

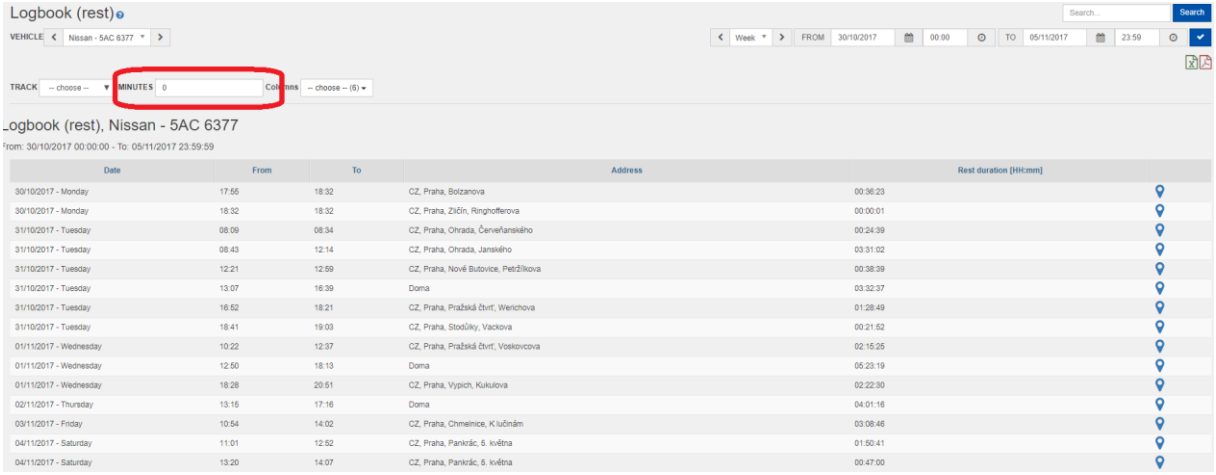
- Select the object you want to view and time period and confirm it via button



Logbook - rest

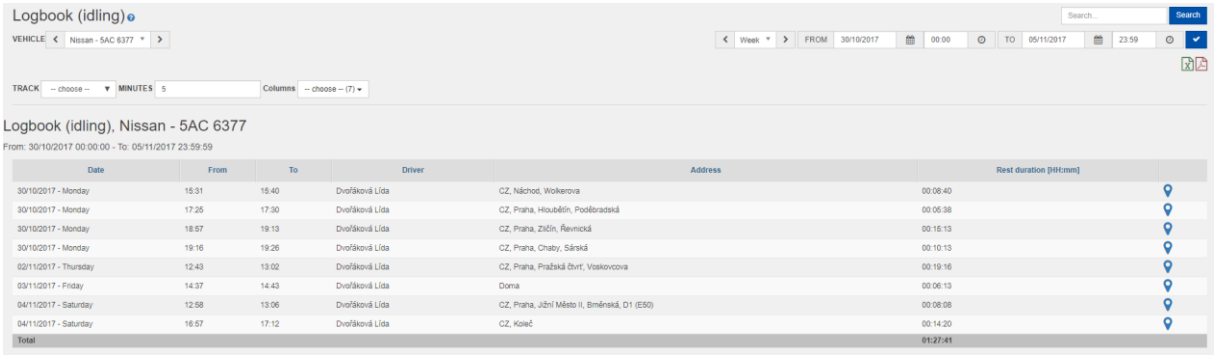
A detailed list of all breaks between rides within a given day. Rest refers to the time between individual journeys for which the ignition was switched off. To get the relevant overview, time can be filtered by the number of minutes at the top left. For wireless units, a time is determined when the unit is not moving for 20 minutes. Typically, if they stop for lunch, at business meetings, etc.
The main use of this feature is to find out how long your machines are resting daily or how much time your sales representative spends at meetings or at lunch. This feature is used to increase efficiency.

In the picture below you can see where to fill number of minutes (length of the break in minutes). If you want to see where the unit was located while resting click the position icon .

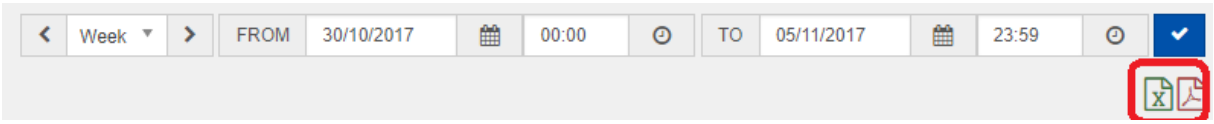


Logbook - idling

A detailed list of all idling during the daily rides. Idling is the time when the vehicle is not in the motion or the speed is less than 5 km / h and the ignition is always on. To view the downtime according to its different lengths, the time can be filtered according to the number of minutes indicated in the left selection up.
This feature provides you with the information how much time your car spends by unloading the cargo or how much time is stucked in the traffic.



In both cases (rest, idling) you can download the required data to PDF or XLS files. Simply click on the icon in the top right corner.



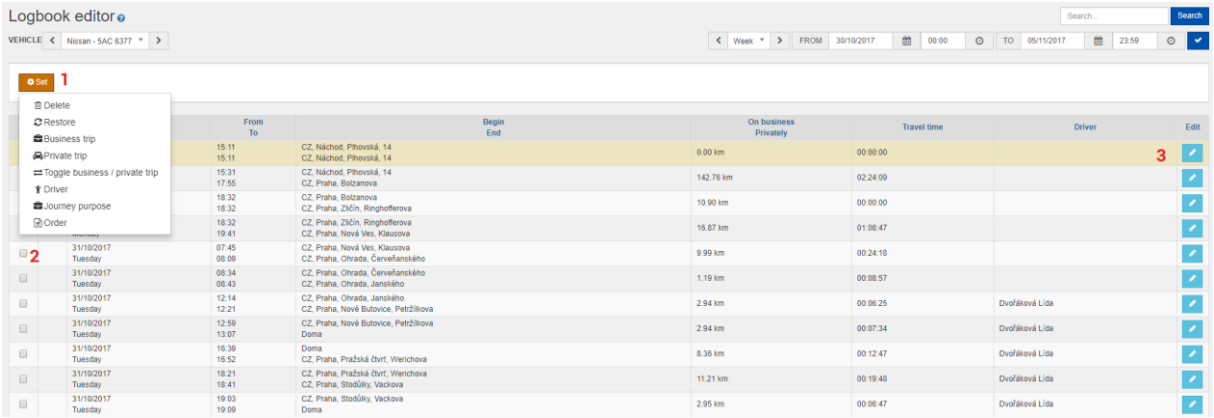
Binary inputs counter

Wireless units do not provide any information.

Logbook editor

Editor of the Logbook used to reverse the records in the logbook, either individually or in bulk. You can change data such as: driver name, driving type (business / private), driving purpose, starting and ending point (driving address), start and end time. Yellow-marked rows are so-called zero journeys, these are journeys of up to 50 meters. These journeys are not displayed in the travel book as standard. Red-marked rows indicate invalid driving (for example due to a GPS unit failure, GPS signal absence, etc.). Any change made in this editor is indicated in the list on the left by a mark (exclamation point in a triangle) - the ride was subsequently edited.

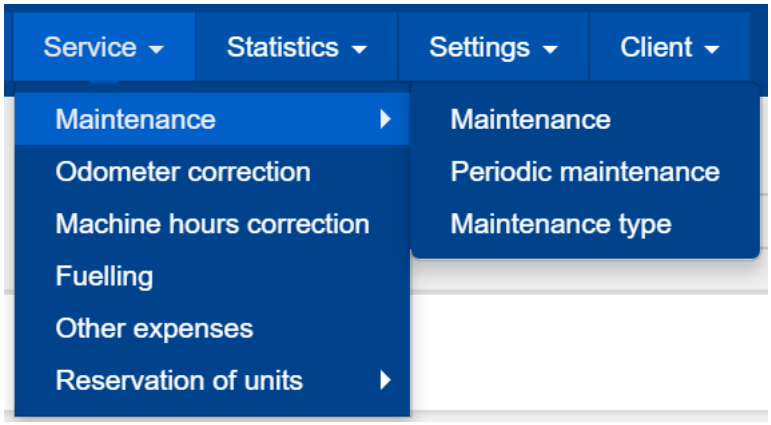
• If you transfer the unit to another object, you can reset all the trips. The logbook will not show any data from previous trips.
• If you erase data, we recommend that you perform the zeroing in the Service, Tachometer Correction, and in the Motorcycle Compensation section to reset the hourly.



Feature description

1. Select type of action
2. Select ride or rides which you want to edit with field 1.
3. Individual correction of each ride

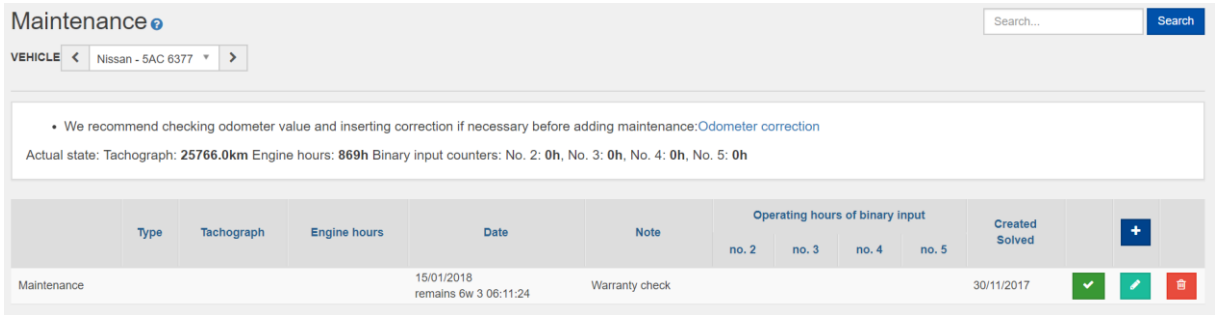
Service



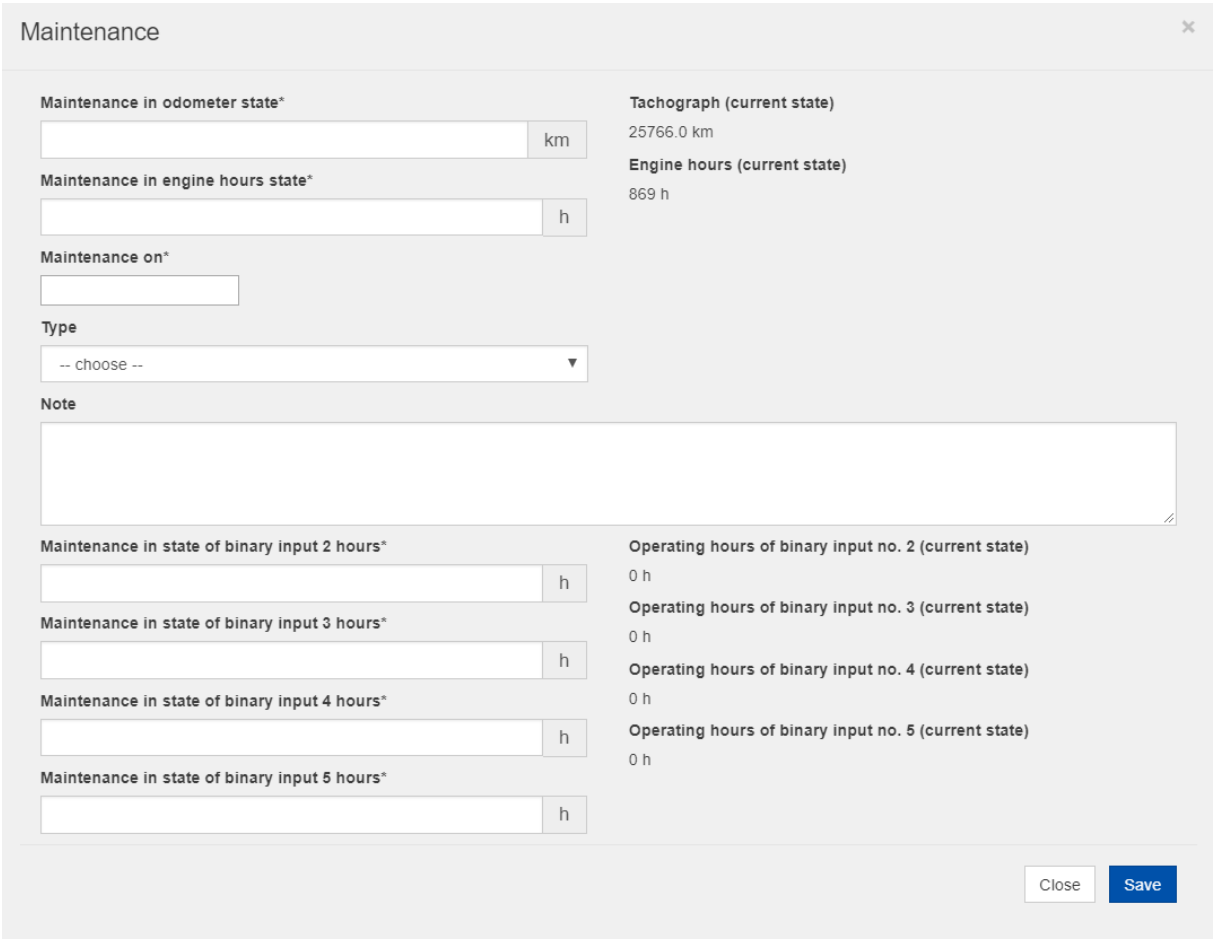
Maintenance

An overview of all planned and implemented maintenance events on individual vehicles. The new scheduled event is established by clicking the + button. The event can be scheduled depending on the state of the tachometer, the engine hours or the date. Maintenance events that are not met at the scheduled date or condition are displayed graphically in the Vehicle Overview in the Maintenance column via the red alert icon. When enrolling resolved maintenance, you can also enter associated costs, which are then reflected in the total cost of the vehicle in the Statistics - Operating Costs report.

Engine hours - Some types of units (eg wireless) are not directly connected to the vehicle. They can not accurately recognize ignition key rotation and exact engine running time. Therefore, this figure can only be indicative according to the type and setting of the unit.



Maintenance setting – one-time maintanenace

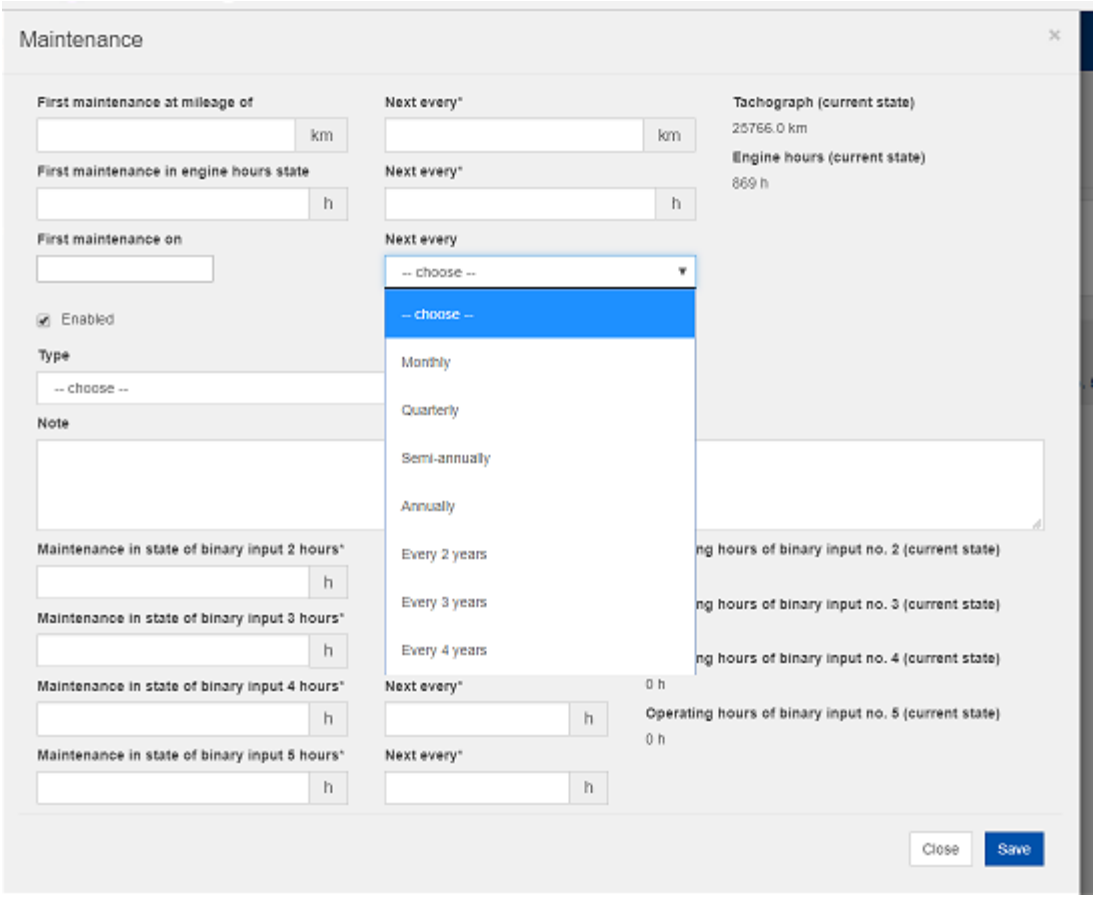


Periodic maintenance

An overview of all planned and implemented periodic maintenance events on individual vehicles (eg regular oil change). The new scheduled event is established by clicking the + button. The event can be scheduled depending on the state of the tachometer, the engine hours or the date. Maintenance events that are not met at the scheduled date or condition are displayed graphically in the Vehicle Overview in the Maintenance column via the red alert icon. When enrolling a resolute maintenance, it is possible to enter the related costs at the same time, which are then reflected in the total cost of the vehicle in the Statistics: Operational Costs report.

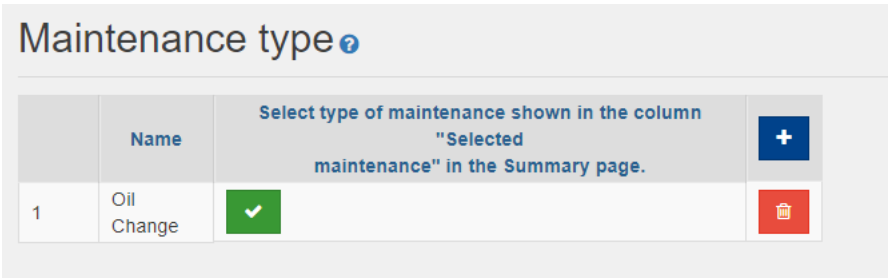
Maintenance settings - Periodic maintenance

- Ideal for repeated maintenance reminders



Set maintenance type

- For a better description, you can choose what type of maintenance to do
- It is possible to predefine the types of maintenance (e.g. oil change, winter / summer tires, technical inspections ...).
- Predefined maintenance types are then offered when new maintenance records are created under Maintenance option
- After selecting the type of maintenance, you will be able to specify its type during maintenance planning. See the pictures above



Odometer corrections

This option is used to reconcile the state of the tachometer in the vehicle with the tachometer status in the POSITREX application. For the first time, this option is used when installing the GPS unit in the car while using the POSITREX for the first time.

It is also recommended to perform this correction of the odometer on a regular basis, for example when making monthly reports of the vehicle's operation from the logbook, or if such reports are not executed, at least 4 times per year. When the odometer correction is implemented, the system checks the deviation between the tachometer status in the vehicle and the tachometer correction value. If the deviation exceeds the permitted limit, e.g. when changing the tachometer, the system will report this to the user ("forced correction" warning message). The system then asks the user whether the tachometer correction has been entered correctly. After confirming correct insertion of tachometer data, the system will report that it has made a forced correction. A repeated occurrence of forced correction may be a malfunction of the GPS unit, in which case we recommend contacting technical support using the "Contact Support" form. This is in the application at the top right after clicking on the user name.

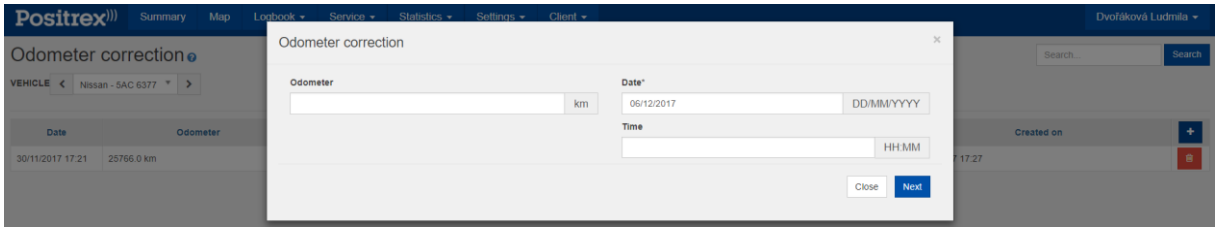
For example, in the case of wireless units, it is necessary to keep in mind that the units are never connected to the vehicle control system.

- The deviation value may therefore vary according to the selected trace profile
- Average deviation when sending information within 1min is from 0 to 2% compared to the car's tachometer
- The average deviation when sending information within 3 minutes is between 5 and 9% compared to the car's tachometer
- Average deviation when sending information within 5 minutes is from 12 to 18% compared to the vehicle's tachometer
- It always depends on track profile or used tires
- We always recommend checking the deviation. Vehicle vs. Positrex Drive Book

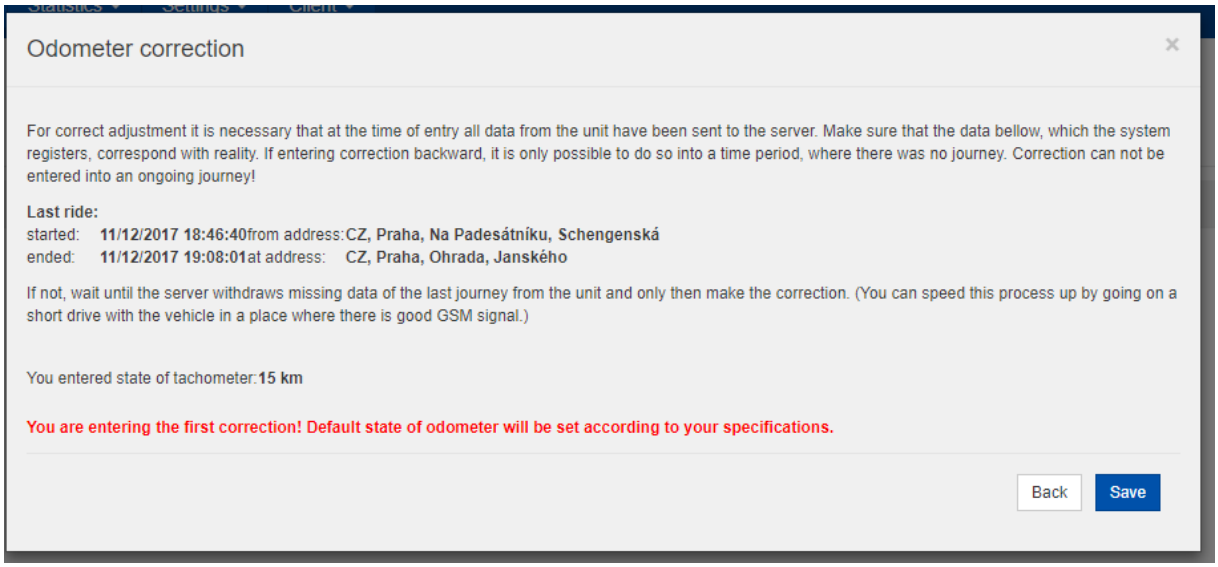
How to set odometer correction

The system will allow you to set the odometer for the Logbook so that the Logbook is in line with the vehicle's tachometer. That's when you need to enter 50,478 km (actual odometer in car)

1. First, select the object at which you want to correct the odometer - the Vehicle field
2. Next, make a correction via the + button
3. In the "Odometer" field, enter figures corresponding to the value you require
4. Fill in the Date and Time from when the change should apply. Beware, you can not insert a future date!
5. Click “Next”



6. The confirmating and summarizing message will appear

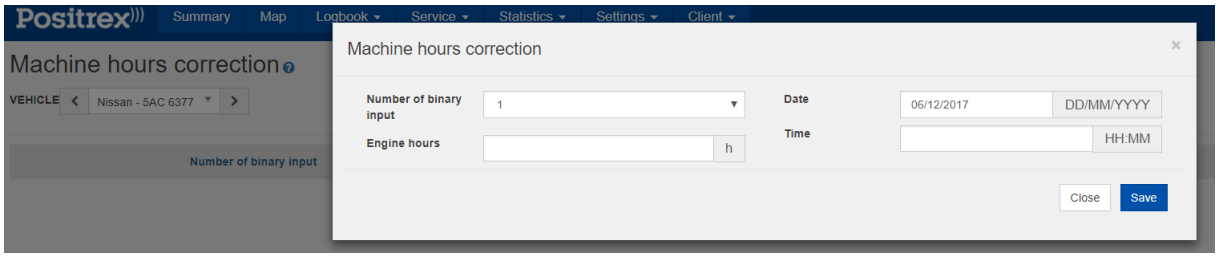


7. If you agree with everything written in the message, click “Save”
8. The mileage in the logbook will be calculated from the value you entered above

Machine hours correction

The configuration is the same as the odometer correction

1. First, select the object which you want to correct the machine hours - the Vehicle field
2. Next, make a correction via the + button
3. In the "Engine hours" field, enter figures corresponding to the value you require
4. Fill in the Date and Time from when the change should apply. Beware, you can not insert a future date!
5. Click “Save” and it is resolved



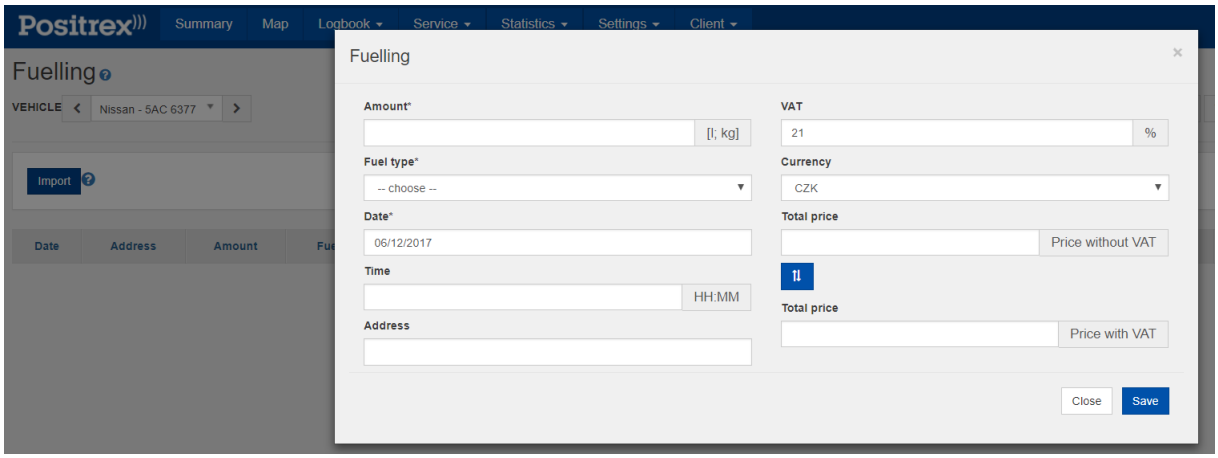
Fueling

Wireless units do not support fueling import. Fueling has to be entered manually.

Fueling settings

1. First, select the object which you want to update- the Vehicle field
2. Enter the amount of fuel
3. Enter the type of fuel
4. Date
5. Time
6. The address is added on its own if it was tanked while the ride was in progress
7. Fill in the amount with or without VAT, the second amount will be calculated. Click “Save”
8. After saving, it is possible to change only the refueling address. If the data needs to be corrected, delete the record and make a new one.

9. The entered data is used also with tab Statistics to see how much fuel has been consumed. The information is also in the logbook

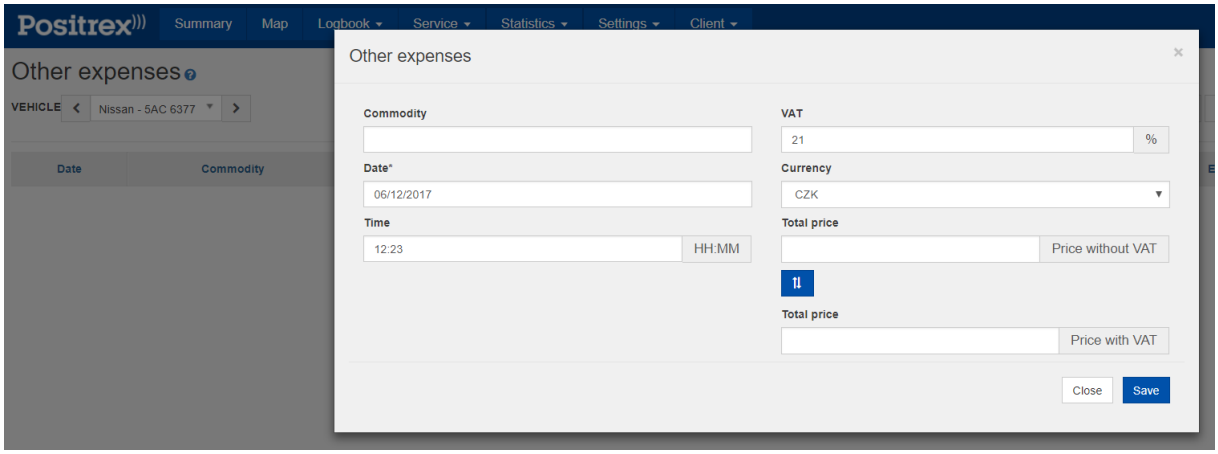


Other expanses

Overview of other costs for individual vehicles. Other costs are entered manually in this option. Following mileage records are then displayed
Statistics - Operating cost calculated the average cost per km for a given vehicle.

Settings of other expanses

1. First, select the object which you want to update - the Vehicle field
2. Enter the commodity
3. Date
4. Time
5. Fill the amount with or without VAT, the second amount is added. Click “Save”
6. It is not possible to change the data after saving. If the data needs to be corrected, delete the record and make a new one



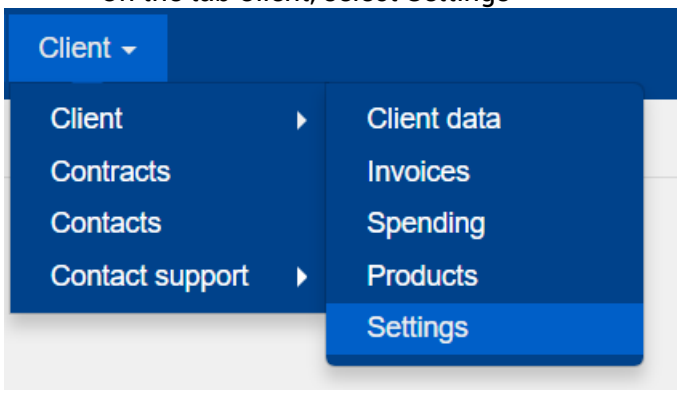
Reservation of units

This module is designed to manage leased vehicles or other objects that can be used by more people or businesses. With reservation management, users can request to rent an object for a specified period of time and complete the purpose of the rental and ask for a reservation. You will always be able to see which object is borrowed by who and for what purpose.

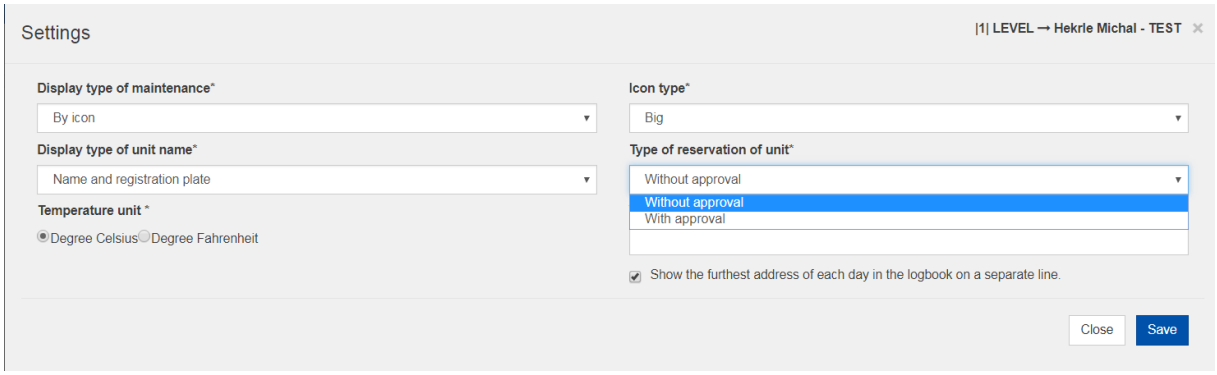
Reservation of units is fully in the administrator account settings. Units can be reserved without approval process = no approval is needed and the application is immediately confirmed by the system or with the approval process = the application for approval has to be confirmed by the responsible person, until then the reservation is approved and the user has no confirmation that the request has been resolved.

Selection of type - Reservation approval

- On the tab Client, select Settings



- Via “edit” icon , you will go to Settings
- In the right part, select the Reservation Request type



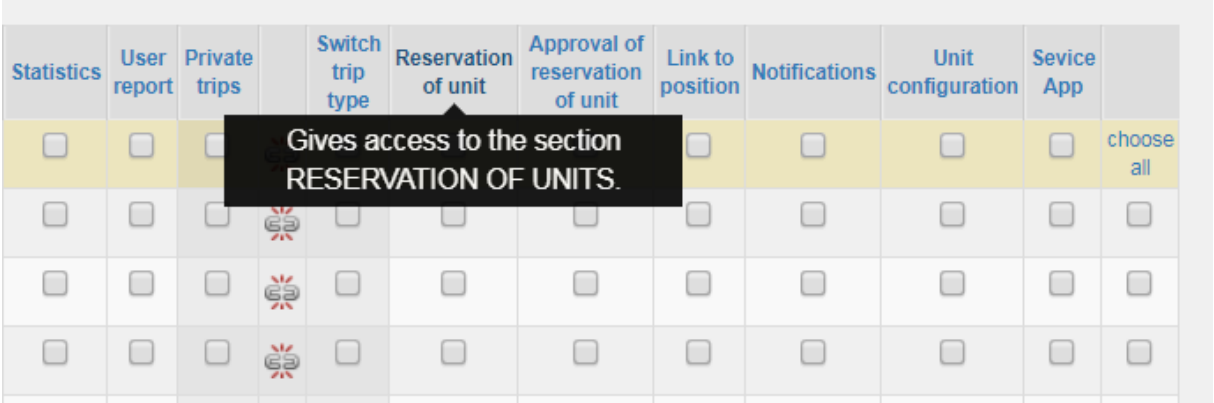
- As an administrator, you can change this setting at any time

User accounts

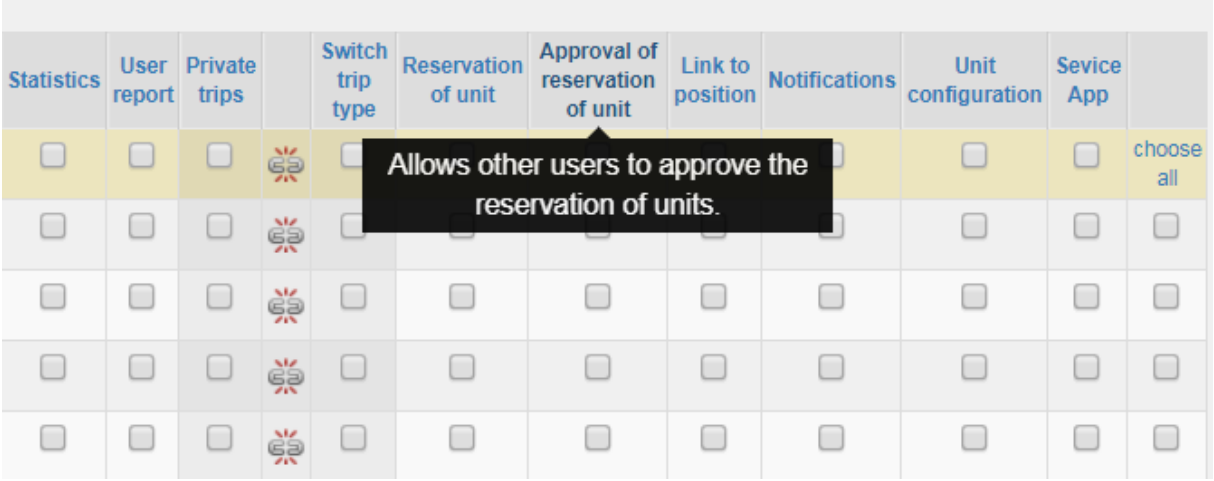
- User type Administrator - Requires reservation and approves reservations (if confirmation is required)
- User type User Full access - Requires reservation and approves reservations (if confirmation is required)
- User type User Restricted access - This user can only have what you allow to him. The role to ask for a reservation or to approve it is given by the types of role above.

Role management - See user accounts

For the option of requesting a reservation, it is necessary to tick the vehicle reservation object in the given vehicle.



For the option of approving reservations, it is necessary to tick the vehicle reservation unit = Approval of reservation of unit.

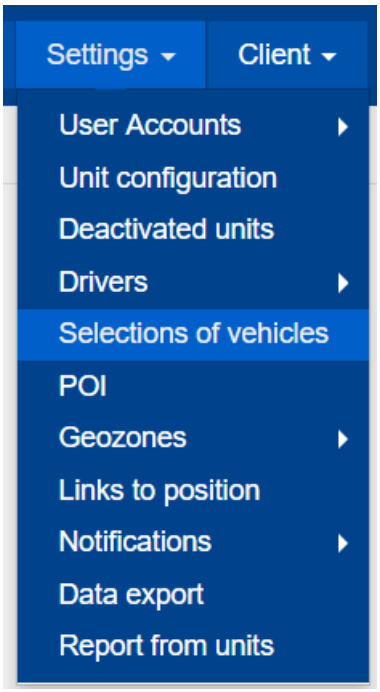


If you need access to the system just for vehicle reservation = object, e.g. for your employees, external customers, etc., in the role management settings, leave only the Reservation of unit box. The user will only have the option to request a booking after logging in.

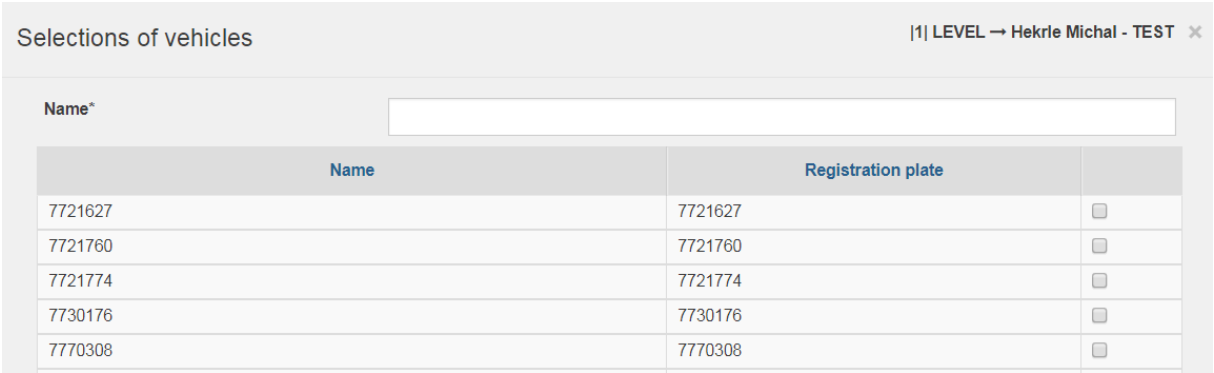
- By doing so, you can access your customers and they will be able to apply for a rental of your vehicle and will not be able to do anything else on the system
- It is only a condition to fill in the email address where notifications about the entire booking process go

How to make the reservation?

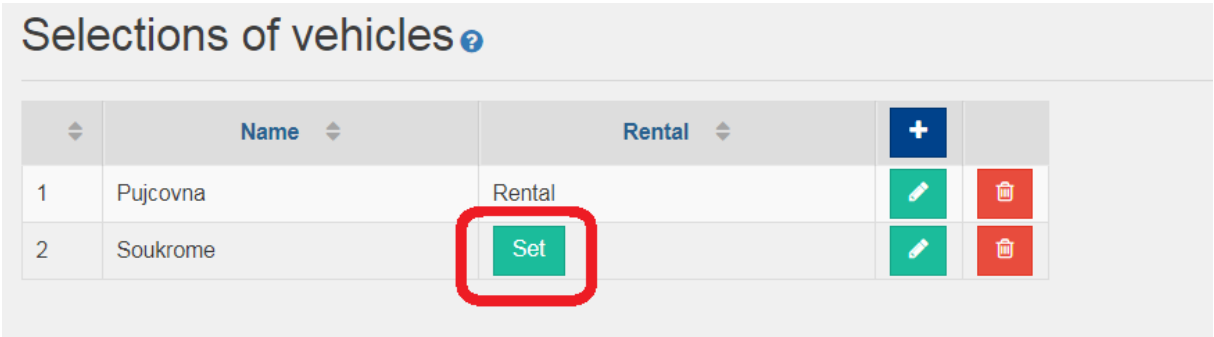
- First of all, it is necessary to create groups of vehicles = objects that will be available for booking
- Go to the Settings and Vehicle Selection tab



- Create a group via the + button
- All of the available units will be offered to you - check the ones you want to use for booking



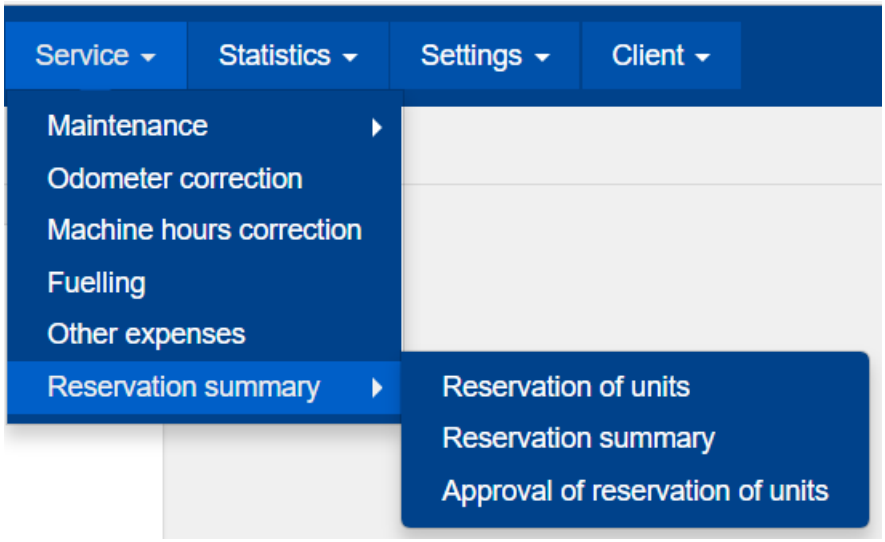
- Enter the vehicle group name and choose the vehicles = objects you want to offer for rent
- Click “Save” and then click "Set"



- Confirm the selection

How to create the reservation request

- Go to the tab “Service” and then “Reservation summary”

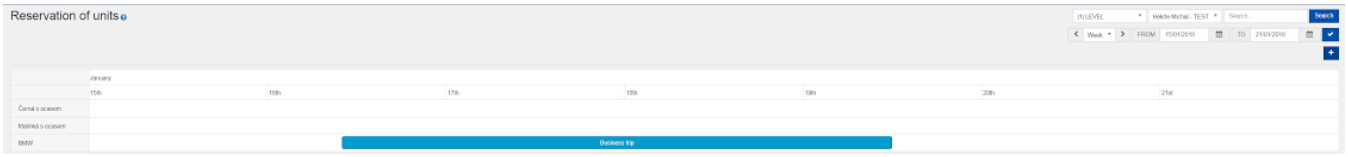


- You will see a list in which you can enter a reservation request
- You can adjust the length of the displayed period at any time in the top right corner
- Add the request via the + button

1. Enter the date from when you want to rent the vehicle
2. Enter the time from when you want to rent the vehicle
3. Enter the date when you will return the vehicle
4. Enter the time when you will return the vehicle
5. Fill in the purpose for which you want to rent the vehicle so that the authorizing officer knows why he / she has to approve the application (as regards the application approval system)
6. You can add a note

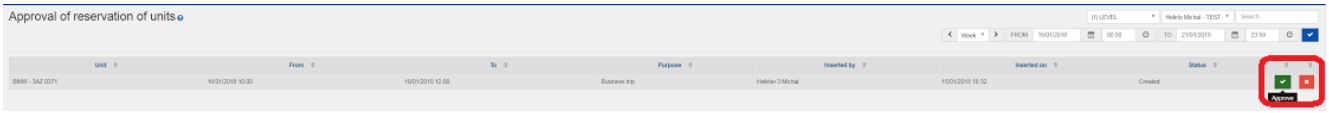
- Select vehicle which you want to rent (If the object is already booked, the system will not offer it)
- Click “Save”

The person with approval role will receive an email about the newly created request. Unapproved requests are marked in blue.

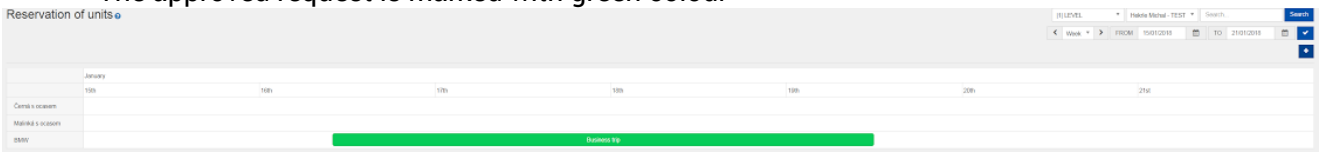


The person with approval role

- You will receive the email with a notification that Mr. XYZ has requested a reservation of unit XYZ and there is need of approval
- Go to the tab “Approval of reservation of units” to see the detail and to be able to approve or decline it via buttons on the right side



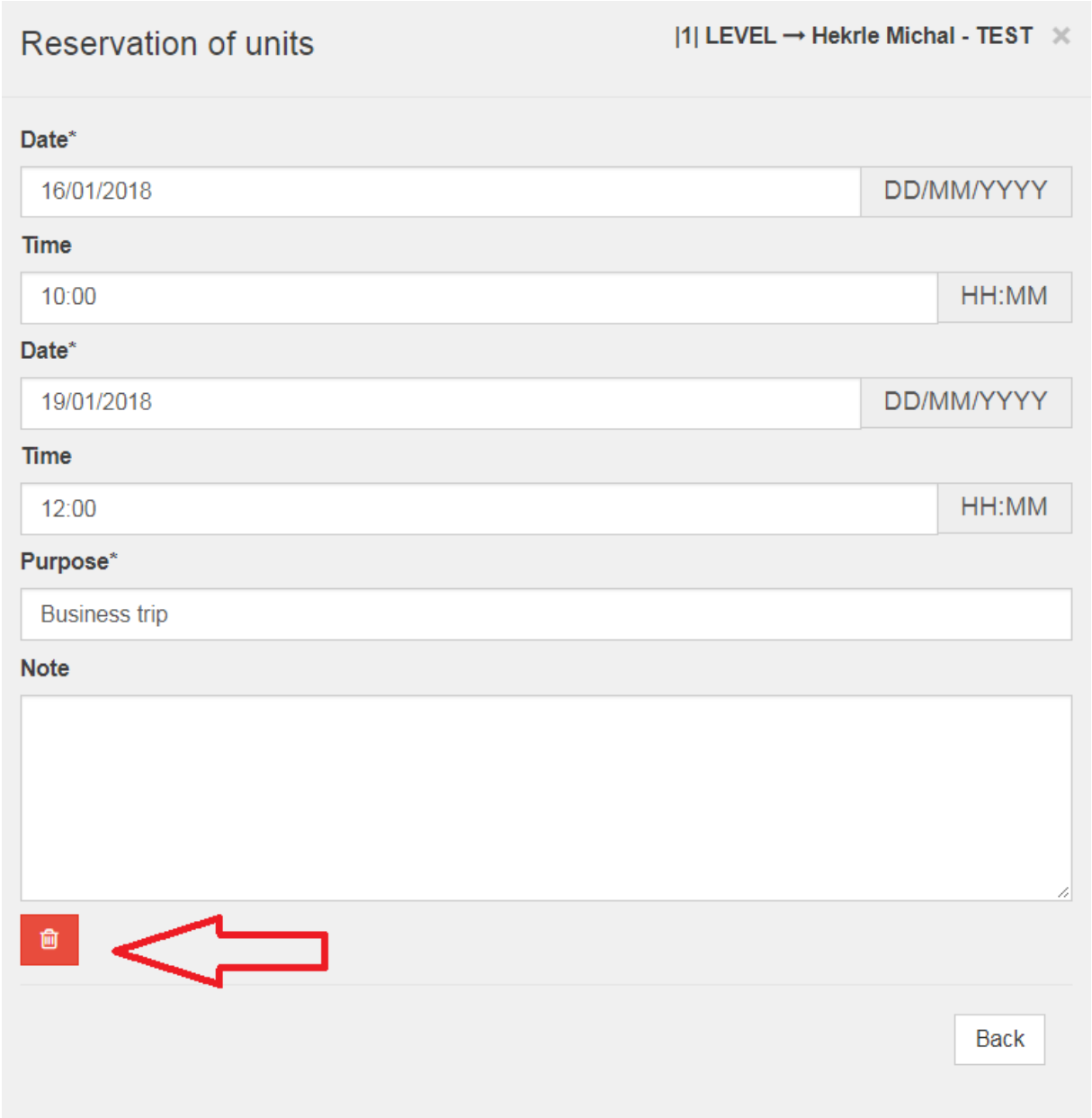
- After confirmation or denial the requestor will receive an email
- The approved request is marked with green colour



Reservation summary

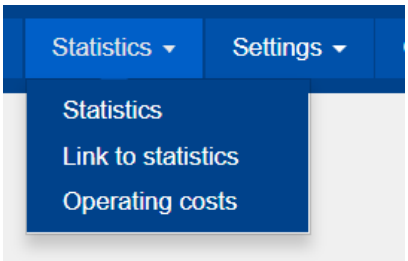
You can filter regarding to status of the request or date and time

- You can delete a created reservation if it does not match and you need to enter a new one.
- Deleting a reservation is done via the icon.
- It is not possible to modify already approved reservations in order to avoid mistakes and misunderstandings.
- To edit an already created request, delete the request and then create a new one.
    - The user who created the request will go to the Reservation of units tab.
    - The user will find his reservation and click on it.
    - Subsequently, the request is deleted via the icon.

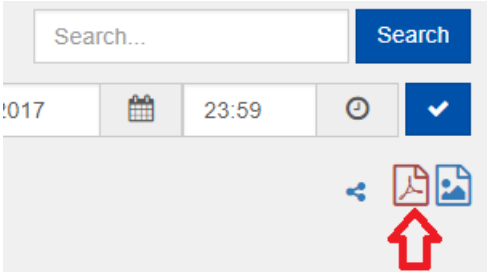


- You need to confirm the delete request

Statistics

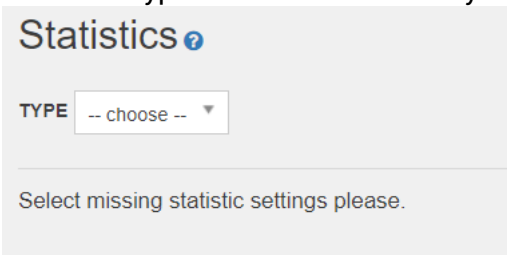


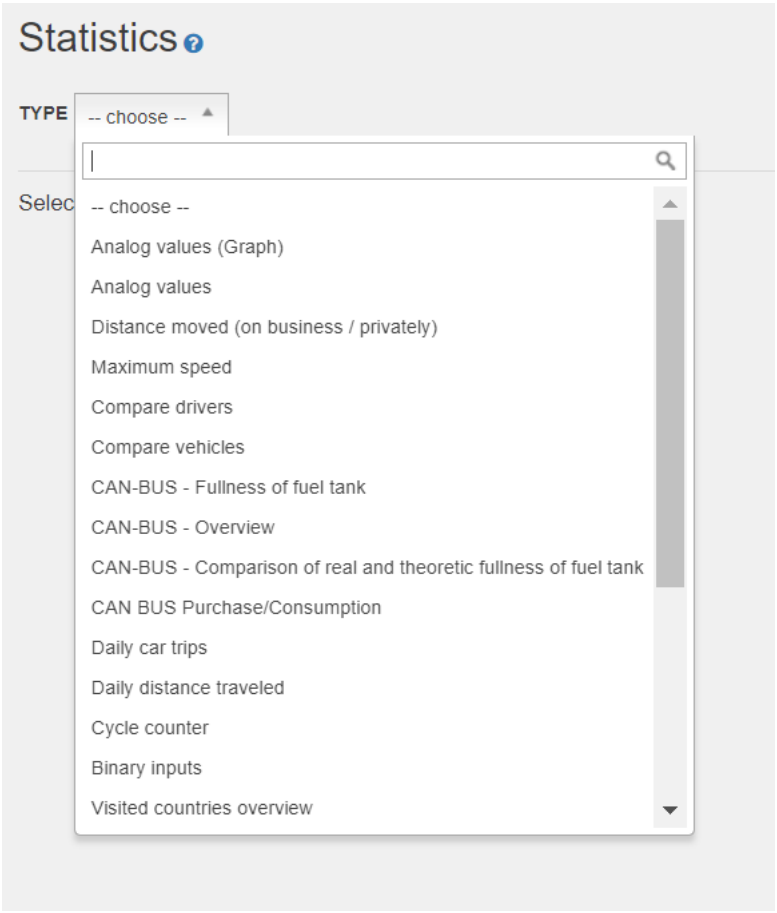
This option contains preset types of statistical data (reports) that are selected from the drop-down menu. The availability of statistical outputs depends on the type of GPS unit and its specific settings. Each statistic can be exported in PDF and XLS format and downloaded to your computer.



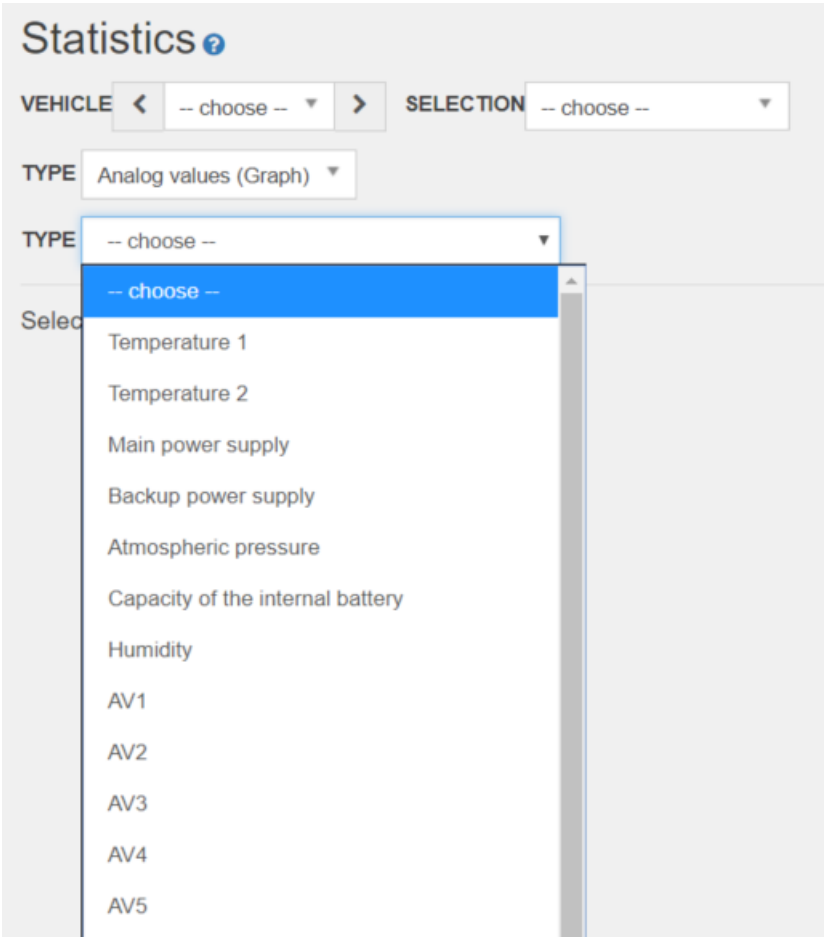
You can create a link to the relevant statistics via the share button and share it further. The validity of the link can be limited in time. For example, a link can be sent by email or embedded into a website. The availability of each statistic depends on the type and the connection of the unit.

Select the type of statistics in which you are interested in.

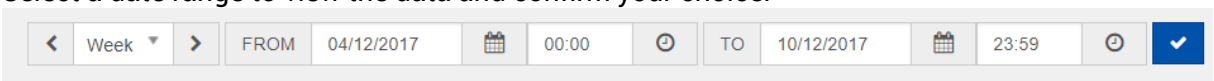


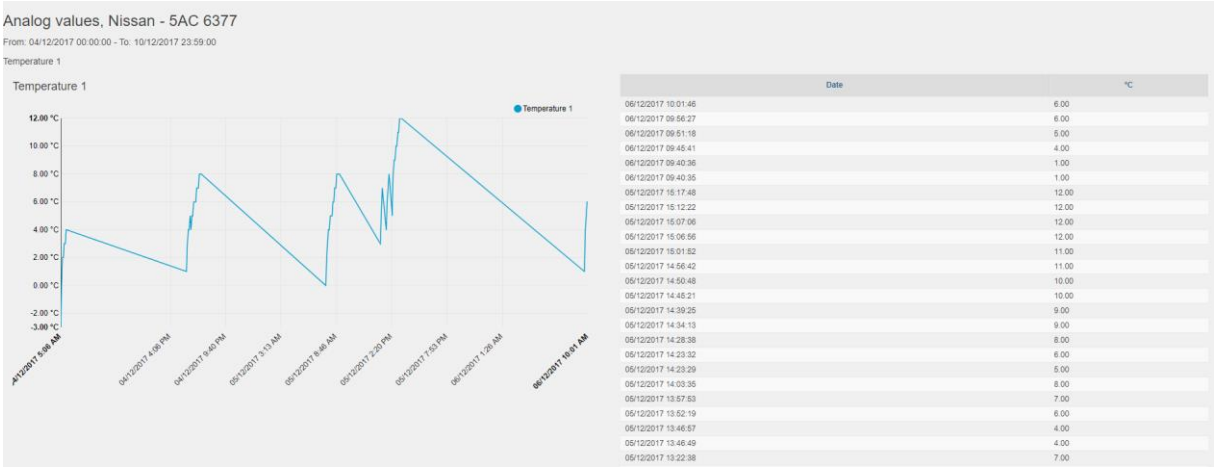


After selecting the stype of statistics, select the object. Some statistics allow multiple choices, such as Analog values.



Select a date range to view the data and confirm your choice.

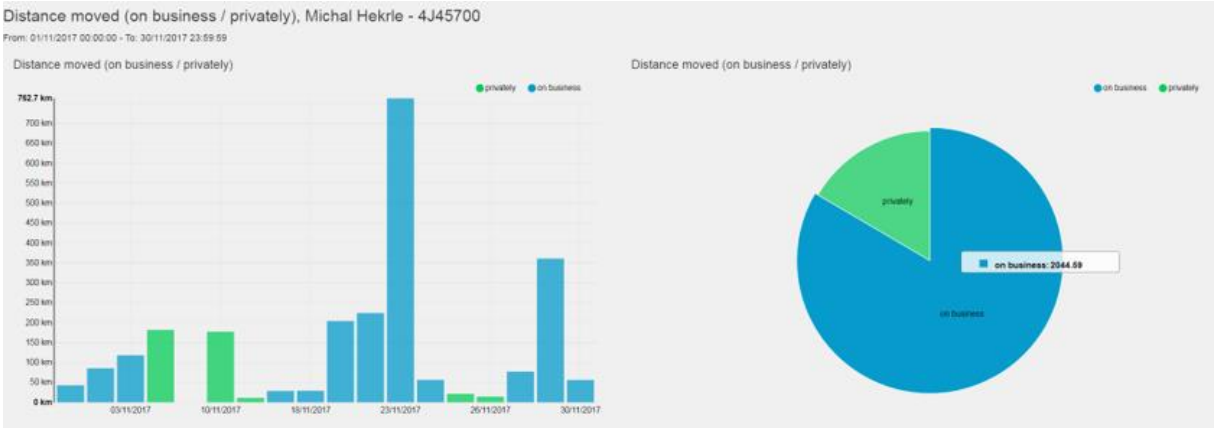




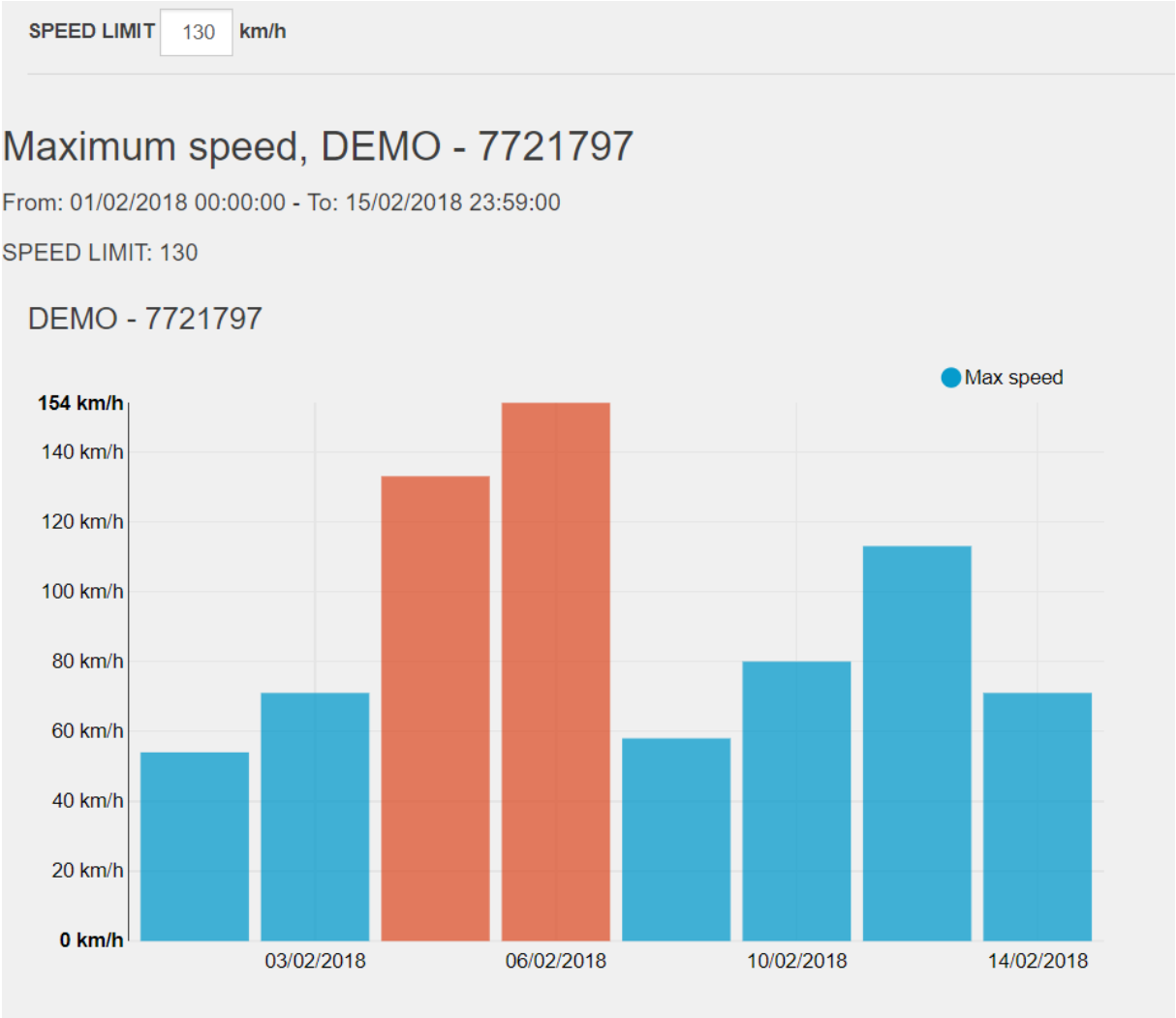
Temperature 2 and Main power supply is not available for wireless units.
Backup power supply shows the power status of the wireless units in V.
AV1 to AV5 inputs are not available for wireless units.
The values marked as OBD are only available for the OBD unit. Their availability depends on car support and it is not possible to guarantee that the data will be available for each car.

Types of statistics and their content

Distance moved (on business / privately)
Display of the ration of the business ad private mileage for the selected period.

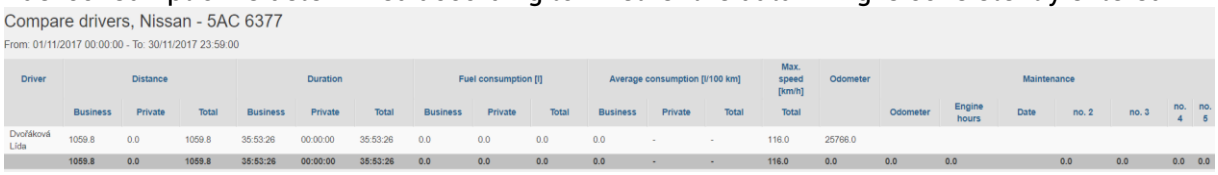


Maximum speed
Display of maximum speed achieved in the day when it was at least one ride. When selecting a time range it is possible to compare maximum speeds by day. It is also possible to set different colours for the specified limit.



Compare drivers

Statistics compares drivers regarding mileage, fuel consumption, driving time and maximum speed. Fuel consumption is determined according to whether the data filling is consistently entered.

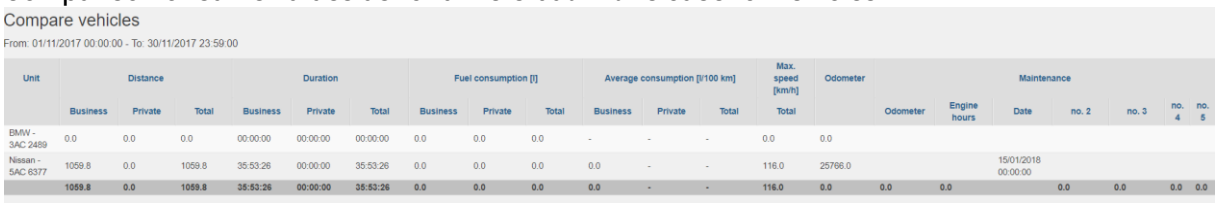

Compare drivers, Nissan - 5AC 6377

From: 01/11/2017 00:00:00 - To: 30/11/2017 23:59:00

Driver	Distance			Duration			Fuel consumption [l]			Average consumption [l/100 km]			Max. speed [km/h]	Odometer	Maintenance					
	Business	Private	Total	Business	Private	Total	Business	Private	Total	Business	Private	Total	Total		Odometer	Engine hours	Date	no. 2	no. 3	no. 4	no. 5
Dvořáková Lída	1059.8	0.0	1059.8	35:53:26	00:00:00	35:53:26	0.0	0.0	0.0	0.0	-	-	116.0	25766.0							
	1059.8	0.0	1059.8	35:53:26	00:00:00	35:53:26	0.0	0.0	0.0	0.0	-	-	116.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0

Compare vehicles

Comparison of same values as for drivers but in this case for vehicles.

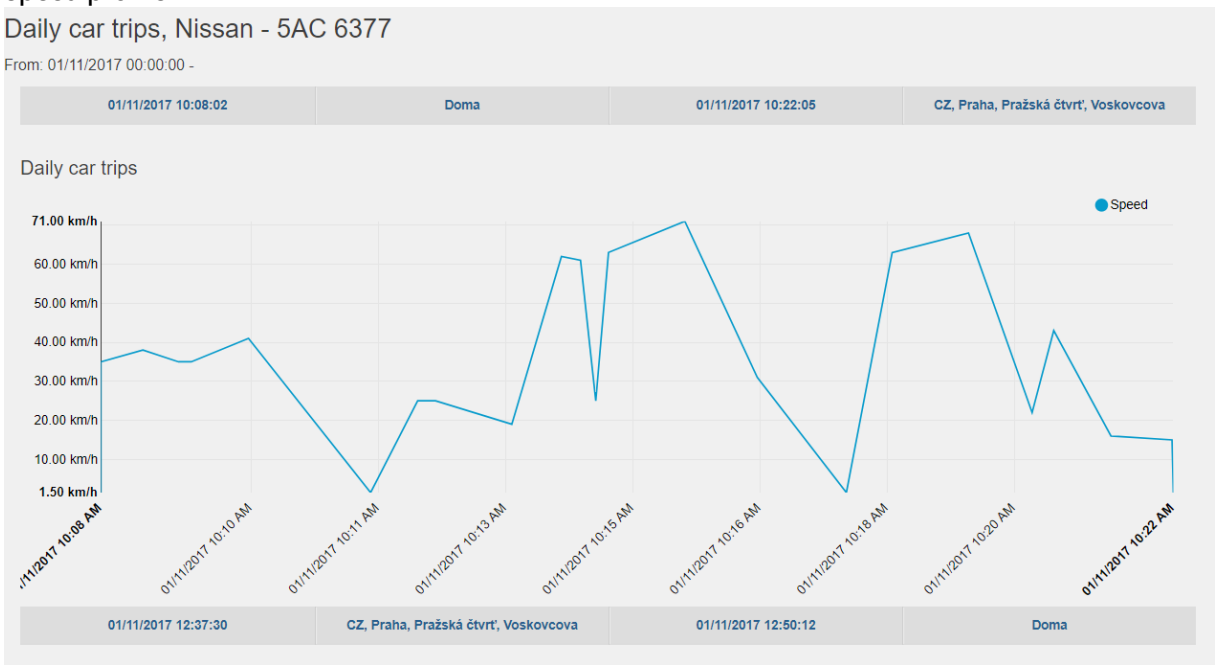

Compare vehicles

From: 01/11/2017 00:00:00 - To: 30/11/2017 23:59:00

Unit	Distance			Duration			Fuel consumption [l]			Average consumption [l/100 km]			Max. speed [km/h]	Odometer	Maintenance					
	Business	Private	Total	Business	Private	Total	Business	Private	Total	Business	Private	Total	Total		Odometer	Engine hours	Date	no. 2	no. 3	no. 4	no. 5
BMW - 3AC 2489	0.0	0.0	0.0	00:00:00	00:00:00	00:00:00	0.0	0.0	0.0	-	-	-	0.0	0.0							
Nissan - 5AC 6377	1059.8	0.0	1059.8	35:53:26	00:00:00	35:53:26	0.0	0.0	0.0	0.0	-	-	116.0	25766.0			15/01/2018 00:00:00				
	1059.8	0.0	1059.8	35:53:26	00:00:00	35:53:26	0.0	0.0	0.0	0.0	-	-	116.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0

Daily car trips

A detailed overview of each ride on a given day that you choose. Each ride is spread over time with a speed profile.

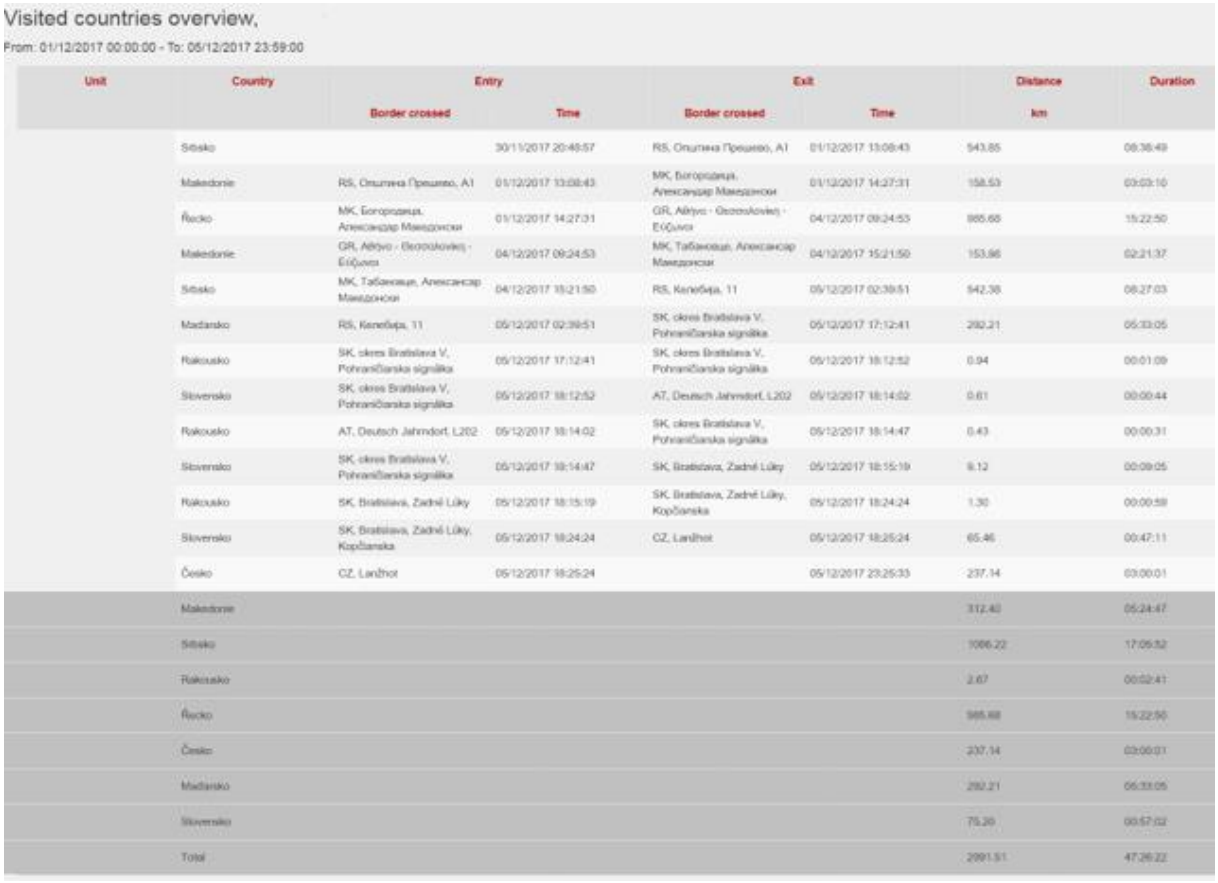


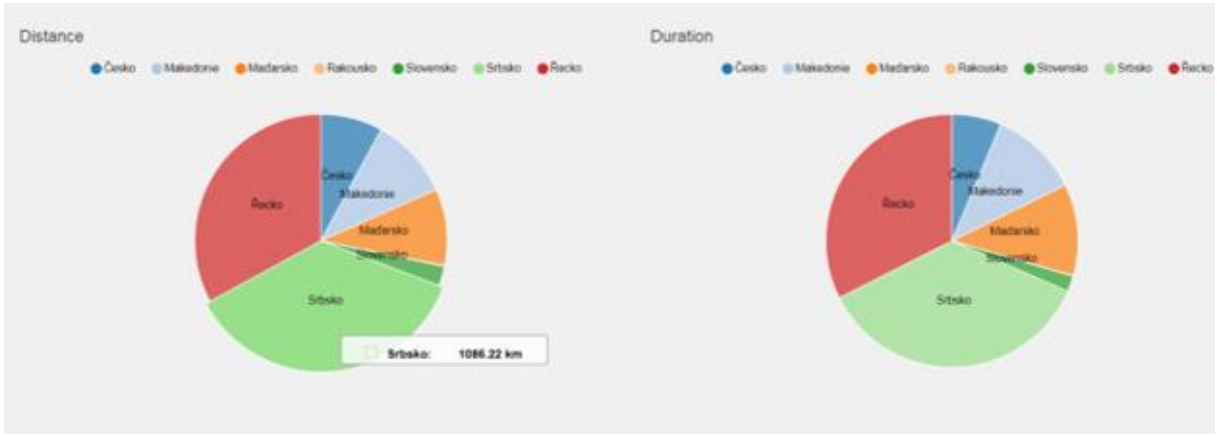
Daily distance travelled

An overview of kilometres travelled by days.

Visited countries overview

Unique statistics for determination when and where an object crossed the border. Complete overview of countries where the object was at a given time. Complete overview of the kilometres travelled and how long in which country. Can be used as a background data for dietary calculations for employees.



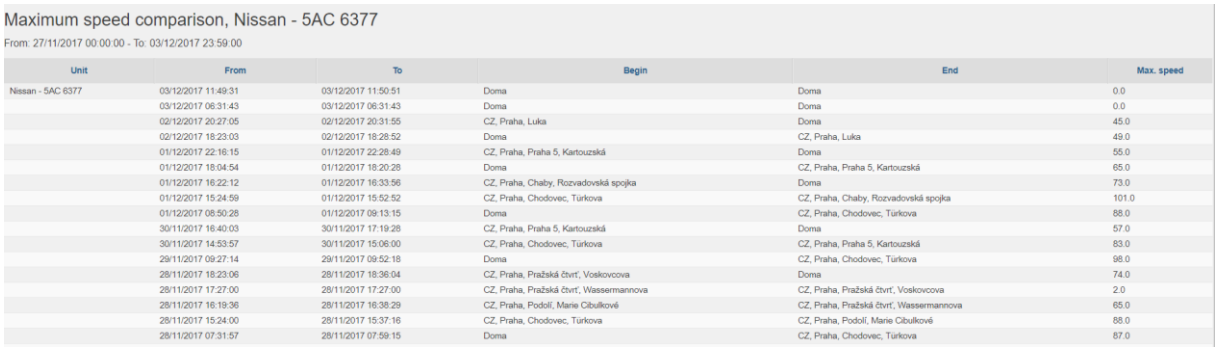


Log Book (idling, rest, daily, detailed)
See chapter Logbook.

Unit comparing (daily)
Comparing selected vehicles/objects with each other.

Operating costs
An overview of the operating costs of the object.

Maximum speed comparison
Detailed overview of the maximum speeds of each ride. Suitable for determining the ride at which the highest speed has been achieved. It is possible to set the speed limit from which you want to see the data.



Maximum speed comparison, Nissan - 5AC 6377

From: 27/11/2017 00:00:00 - To: 03/12/2017 23:59:00

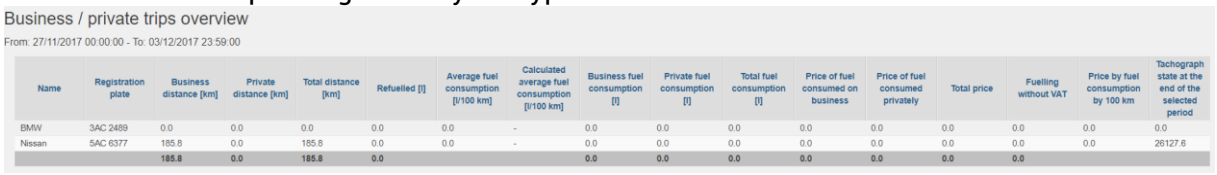
Unit	From	To	Begin	End	Max. speed
Nissan - 5AC 6377	03/12/2017 11:49:31	03/12/2017 11:50:51	Doma	Doma	0.0
	03/12/2017 08:31:43	03/12/2017 08:31:43	Doma	Doma	0.0
	02/12/2017 20:27:05	02/12/2017 20:31:55	CZ, Praha, Luka	Doma	45.0
	02/12/2017 18:23:03	02/12/2017 18:28:52	Doma	CZ, Praha, Luka	49.0
	01/12/2017 22:16:15	01/12/2017 22:28:49	CZ, Praha, Praha 5, Kartouzská	Doma	55.0
	01/12/2017 18:04:54	01/12/2017 18:20:28	Doma	CZ, Praha, Praha 5, Kartouzská	65.0
	01/12/2017 16:22:12	01/12/2017 16:33:56	CZ, Praha, Chaby, Rozvadovská spojka	Doma	73.0
	01/12/2017 15:24:59	01/12/2017 15:52:52	CZ, Praha, Chodovec, Türkova	CZ, Praha, Chaby, Rozvadovská spojka	101.0
	01/12/2017 08:50:28	01/12/2017 09:13:15	Doma	CZ, Praha, Chodovec, Türkova	88.0
	30/11/2017 16:40:03	30/11/2017 17:19:28	CZ, Praha, Praha 5, Kartouzská	Doma	57.0
	30/11/2017 14:53:57	30/11/2017 15:06:00	CZ, Praha, Chodovec, Türkova	CZ, Praha, Praha 5, Kartouzská	83.0
	29/11/2017 09:27:14	29/11/2017 09:52:18	Doma	CZ, Praha, Chodovec, Türkova	98.0
	28/11/2017 18:23:06	28/11/2017 18:36:04	CZ, Praha, Pražská čtvrť, Voskovcova	Doma	74.0
	28/11/2017 17:27:00	28/11/2017 17:27:00	CZ, Praha, Pražská čtvrť, Wassermannova	CZ, Praha, Pražská čtvrť, Voskovcova	2.0
	28/11/2017 16:19:36	28/11/2017 16:38:29	CZ, Praha, Podolí, Marie Cibulkové	CZ, Praha, Pražská čtvrť, Wassermannova	65.0
	28/11/2017 15:24:00	28/11/2017 15:37:16	CZ, Praha, Chodovec, Türkova	CZ, Praha, Podolí, Marie Cibulkové	88.0
	28/11/2017 07:31:57	28/11/2017 07:59:15	Doma	CZ, Praha, Chodovec, Türkova	87.0

Incidents

Complete overview of all situations you have set up to guard (leaving point of interest, moving object, etc.).

Business / private trips overview

Breakdown of the operating costs by the type of the ride.



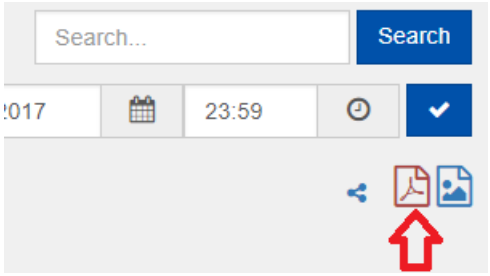
Business / private trips overview

From: 27/11/2017 00:00:00 - To: 03/12/2017 23:59:00

Name	Registration plate	Business distance [km]	Private distance [km]	Total distance [km]	Refuelled [l]	Average fuel consumption [l/100 km]	Calculated average fuel consumption [l/100 km]	Business fuel consumption [l]	Private fuel consumption [l]	Total fuel consumption [l]	Price of fuel consumed on business	Price of fuel consumed privately	Total price	Fuelling without VAT	Price by fuel consumption by 100 km	Tachograph state at the end of the selected period
BMW	3AC 2489	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nissan	5AC 6377	185.8	0.0	185.8	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26127.6
		185.8	**0.0**	**185.8**	**0.0**			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**		

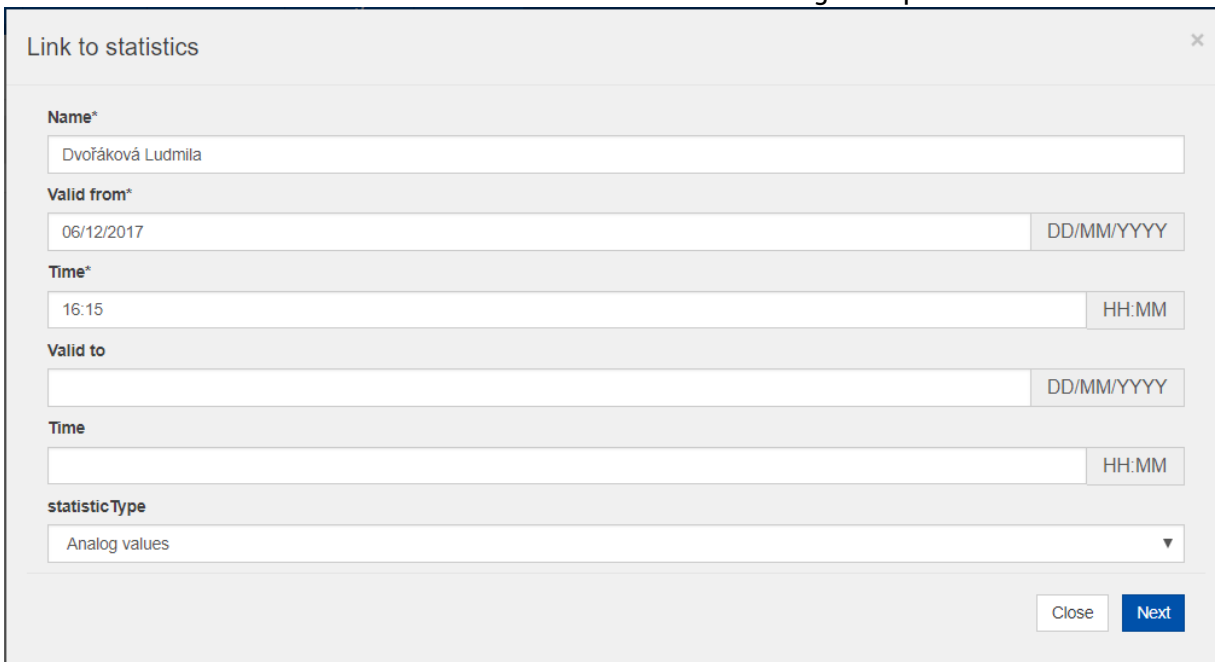
Remember that you can download all statistics to Excel of PDF document.

Select the time period you are interested in and click the icon according to the format you want to download. The file will download to the location where you have downloaded items from the internet.



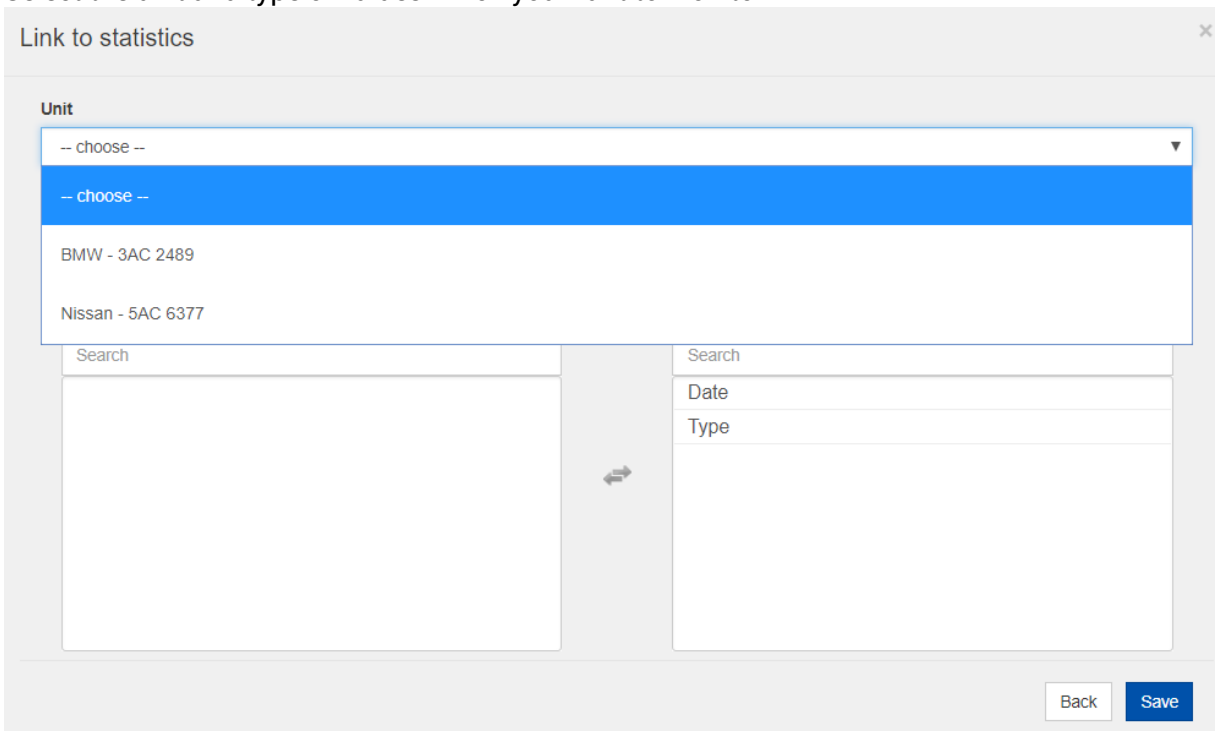
Link to statistics

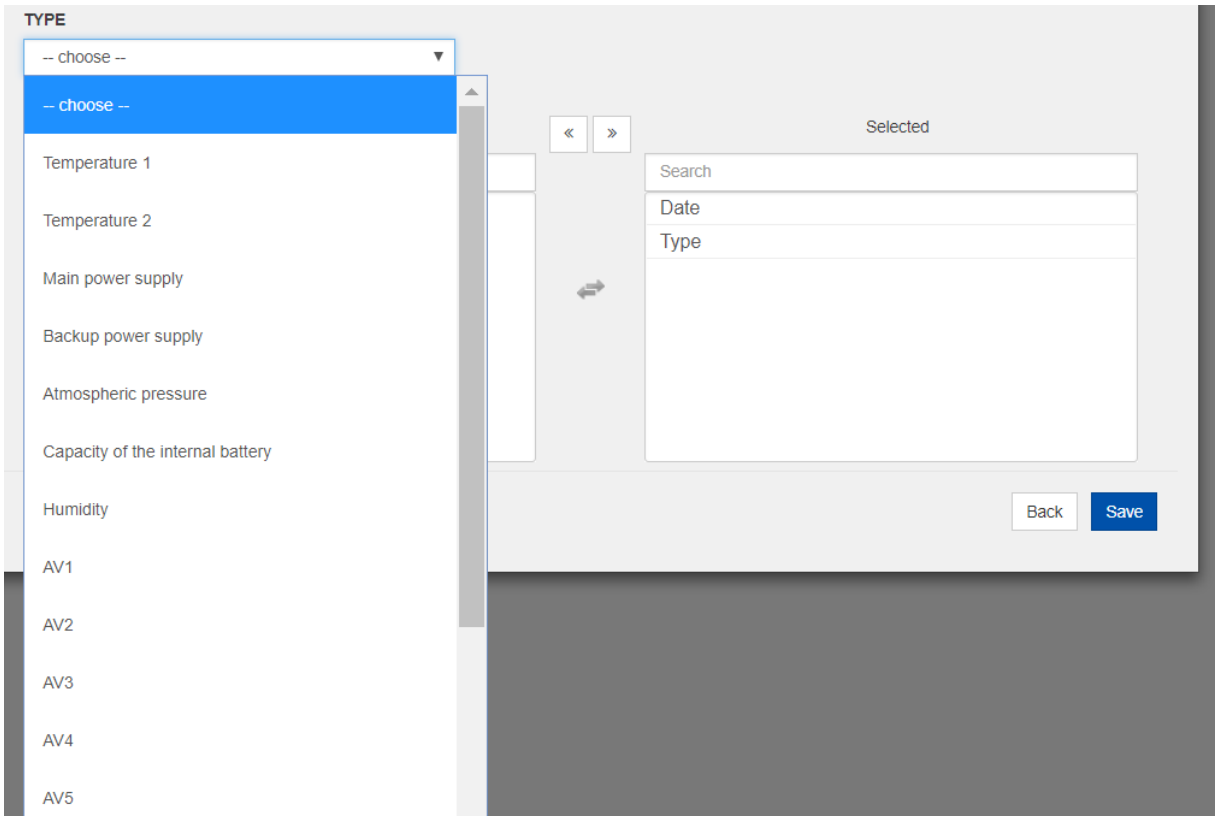
List of links of shared statistics. You can add new link via clicking “the” plus button .



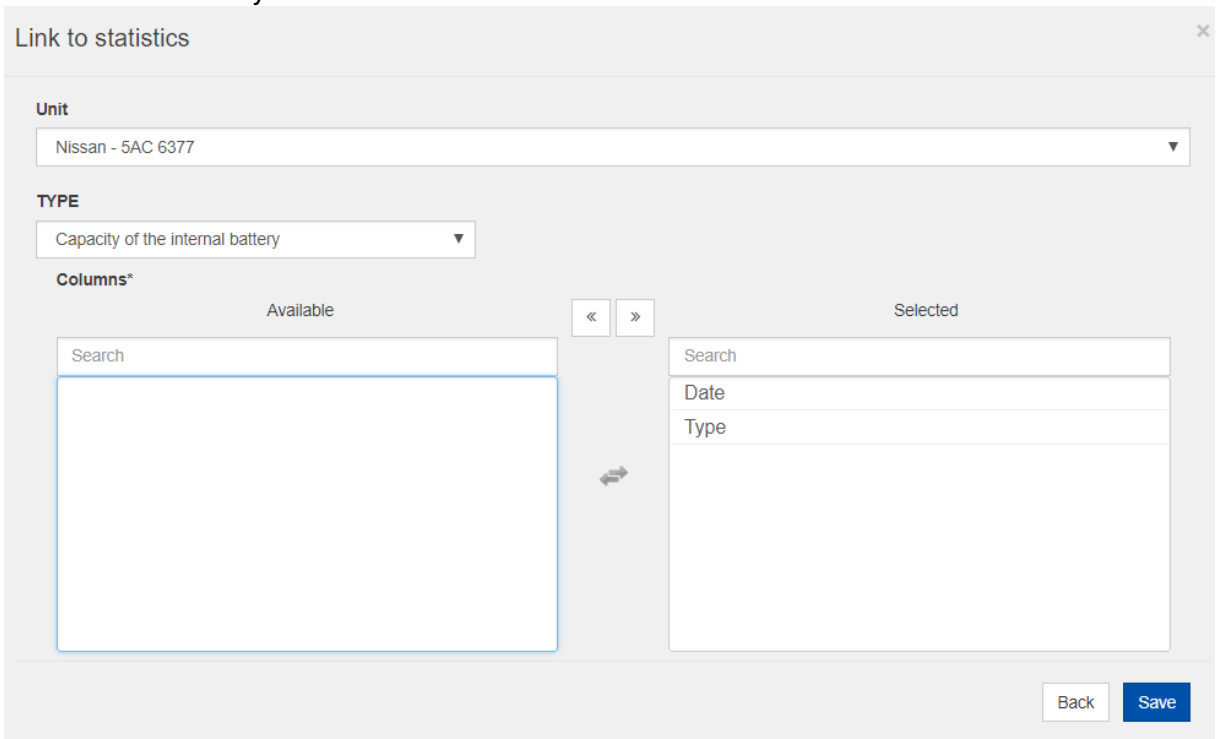
Enter the name of statistics you want to share and enter the data for validity of the link. (date from/to). Select the type of the statistics and click “Next”.

Select the unit and type of values which you want to monitor.





Select the columns you need and click “Save”.

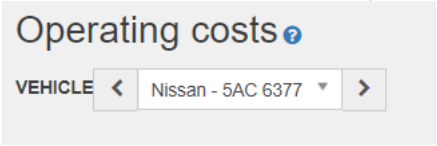


In the tab “Links to statistics” you will find the link, which you can share with others or edit via Edit button .

Operating costs

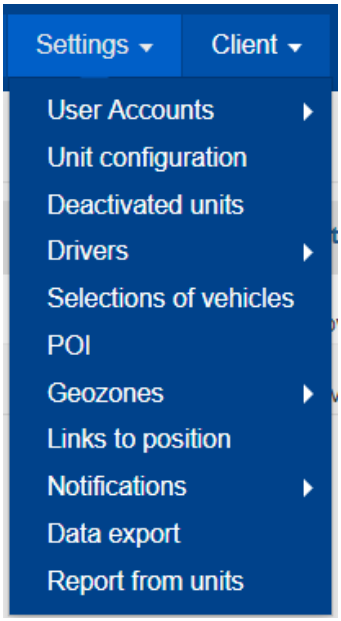
An overview of all costs of all vehicles/objects. Fuel costs are either imported in bulk or entered manually. Manual input is used for wireless units. Other costs are entered also manually in the application. In regarding of data from Logbook, the average cost per vehicle is calculated automatically and you can find it here.

At first select the vehicle / object for which you want to see the costs.



Keep in mind that if you do not use the fastest mode of wireless unit tracking profile (1min) the mileage data are distorted. For a 3min interval, the distortion is in the order of 5 to 9%, for a 5min interval is it 12-18%. The kilometres need to be recalculated.

Settings



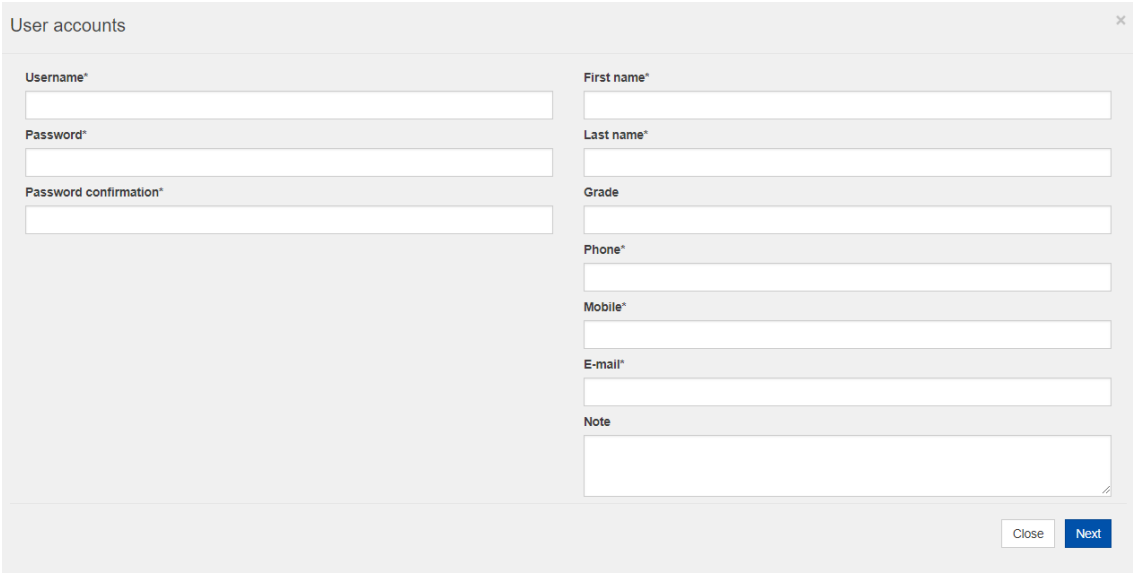
In this tab, you can manage your account, set up units, sending notifications, add drivers, etc. Any changes you make will automatically affect your system and ride settings. There is no need to connect the unit to the PC or laptop to manage the settings.

User Accounts

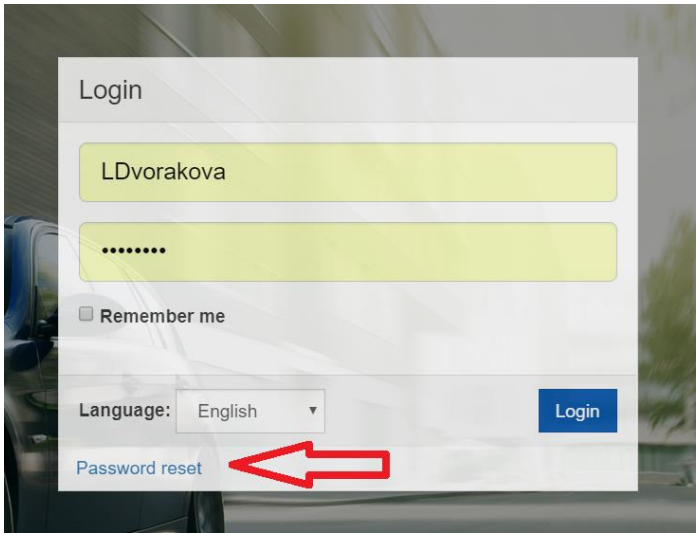
A list of all users. You can edit, delete, or set access rights of users to individual parts of the system. The right to edit the user in this list is only the administrator of the account. Account Administrators can be any number, as well as users with limited rights.

New user account creation

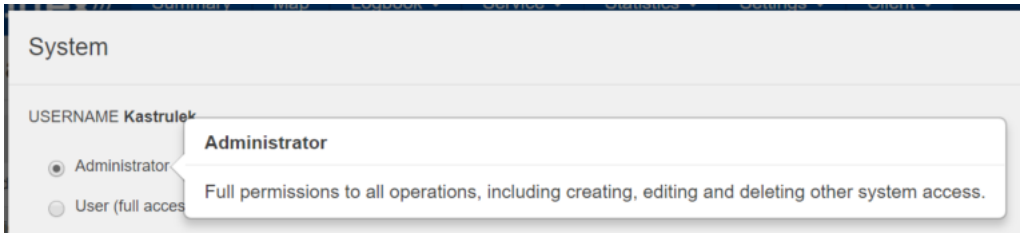
For creating new user account click the plus button .
You have to fill all field which are marked with *.

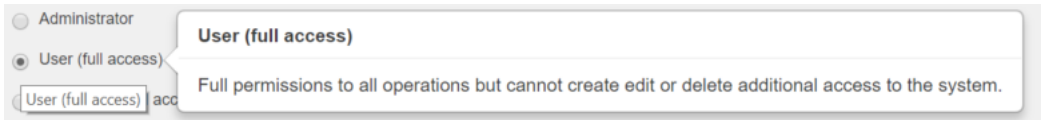


The mobile and phone number must be filled in with the international prefix. It is not possible to use same number or email address for multiple accounts. When choosing a password, you need to enter a password that must contain at least 8 characters – uppercase, lowercase and numbers. The password is temporary just for the first login, then the system will request to enter new password. It is not possible to find the current password in the system. If the user lost the password, you can reset password or send the link to the user to the homepage of the system where the “Password reset” field is in the box. The user will receive a new temporary password to his mailbox. The system will ask to change the password after first login, with renewed password, you can not log in to the system.

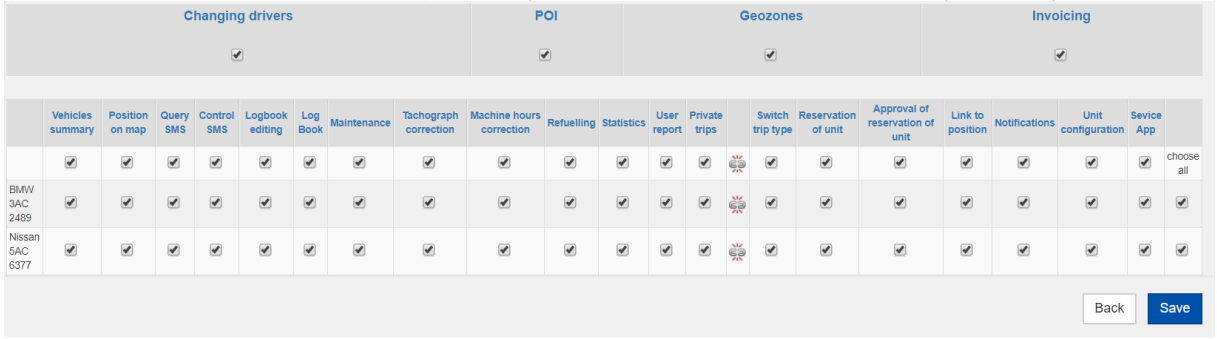


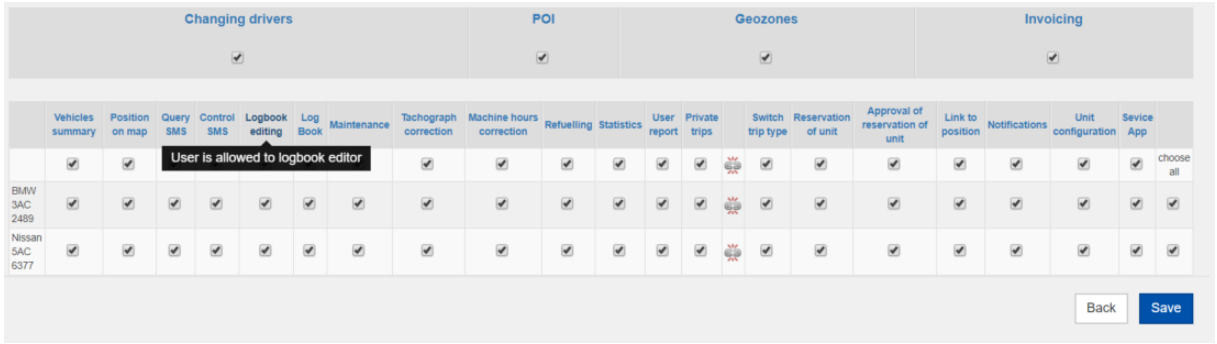
After filling all necessary details while creating new user account, click the “Next” button.
You can set 3 levels of user rights – Administrator, User with Full access and User with restricted access.





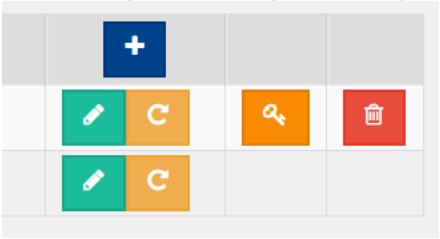
You can define the roles for the user, what he can do, change, set, etc. You only have to uncheck the field and the user will not be able to change the unit’s settings or the unit will not be visible for him. (when the whole line is unmarked). When you move the mouse to the field, you will get help.



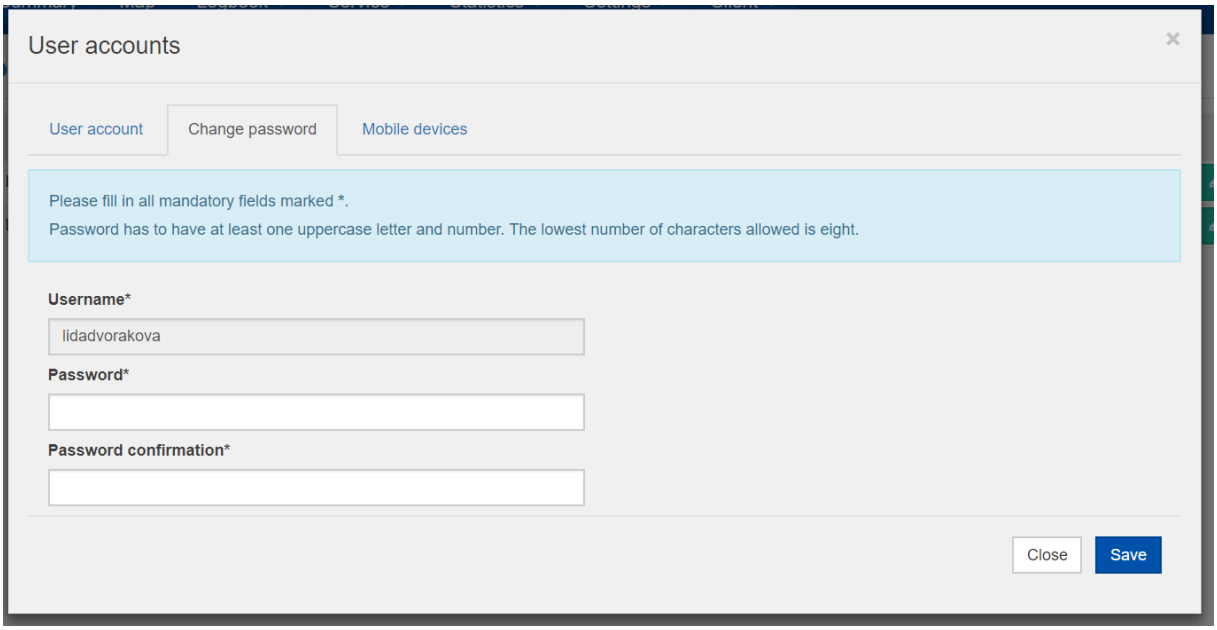


If you have done all settings you need, click the “Save” button and the account is created.

Editing an existing account
For editing an existing account you can use icons on the picture below.



Use to **edit** your account if you want to edit your name, surname, email, mobile account number, or if you want to change your password. Only Administrator can change the account password.



Reset password
The password must contain at least 8 characters – uppercase, lowercase and numbers.

Change user rights
Only administrator can change the rights of other accounts.

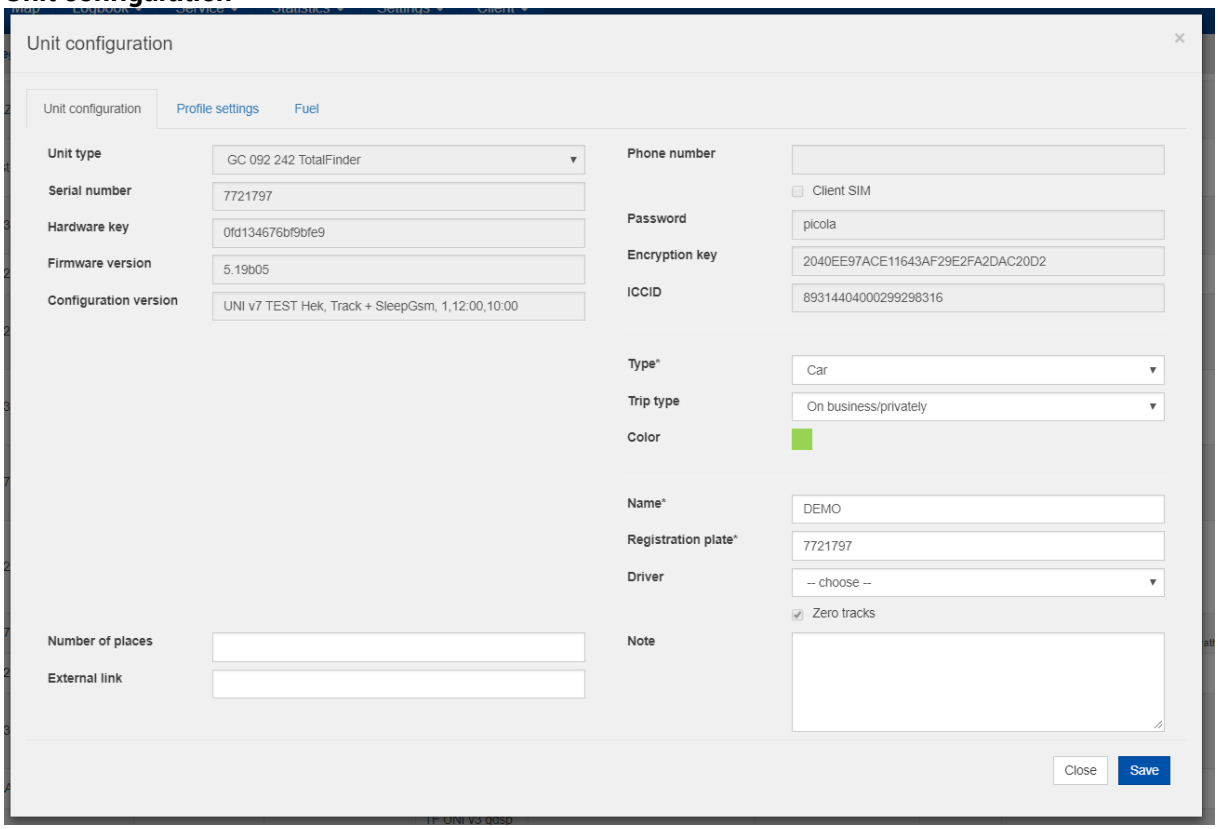
Delete user account

Unit configuration

A list of all GPS units of the customer. It contains all the technical data of the units. Each unit and its data (ID, vehicle name, default driver, vehicle icon, trip type, etc.) can be change via edit button . You can add additional units via plus button . You must know the HW key to be able to add the unit. The HW key is always on the unit on the label, if you will not find the key, contact your sales agent or technical support.

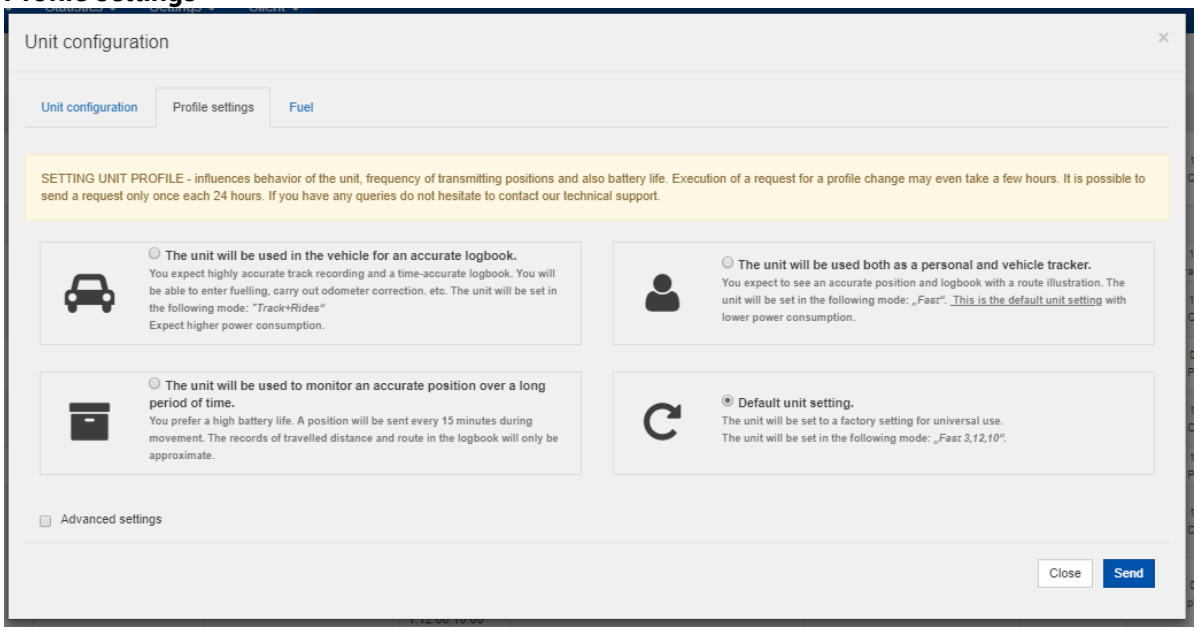
Click the edit button and you can change settings in three tab.

Unit configuration

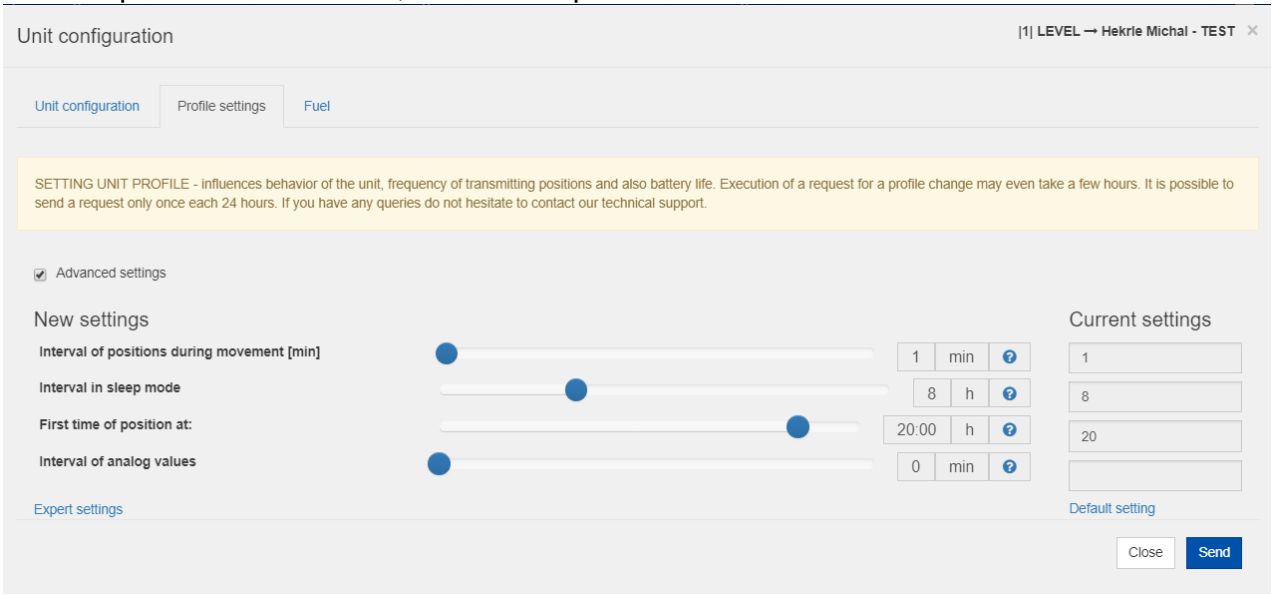


Here you can change name of the unit, icon, registration plate, colour or choose the driver. Zero tracks are set automatically, and it can not be changed. Zero tracks are visible in logbook when the device recognize the shock of the object / vehicle. You have the information when the shock happened.

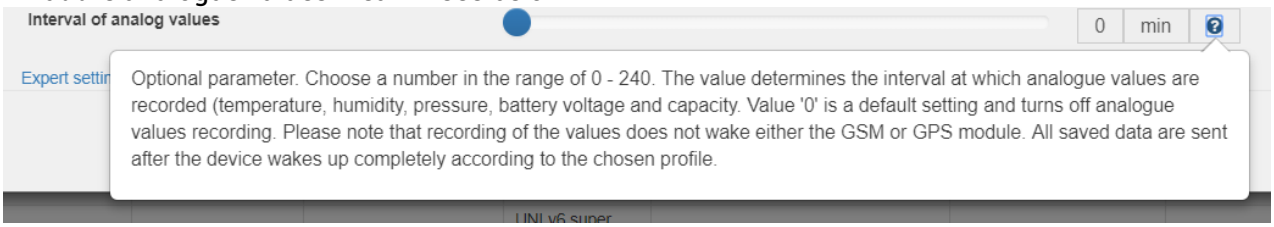
Profile settings



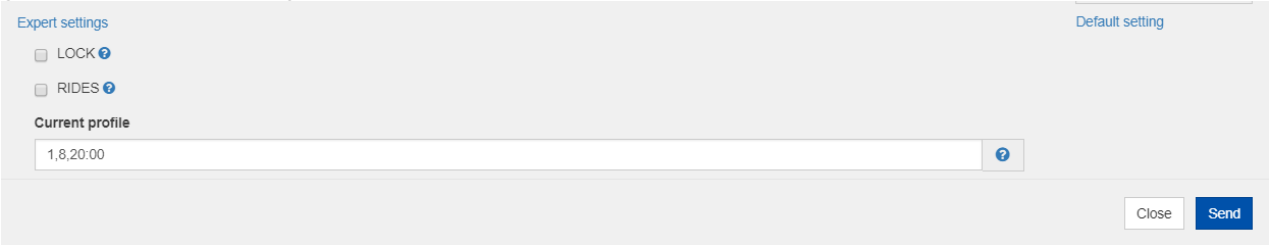
Here you can choose the default profile of the unit based on your needs for tracking. You can change the profile once every 24 hours after the last change. If the settings above are not enough, you can set the unit yourself according to your needs. Select “Advanced settings and you will see the screen on picture below.
For an explanation of each field, click on the question mark.



What the analogue values mean – see below



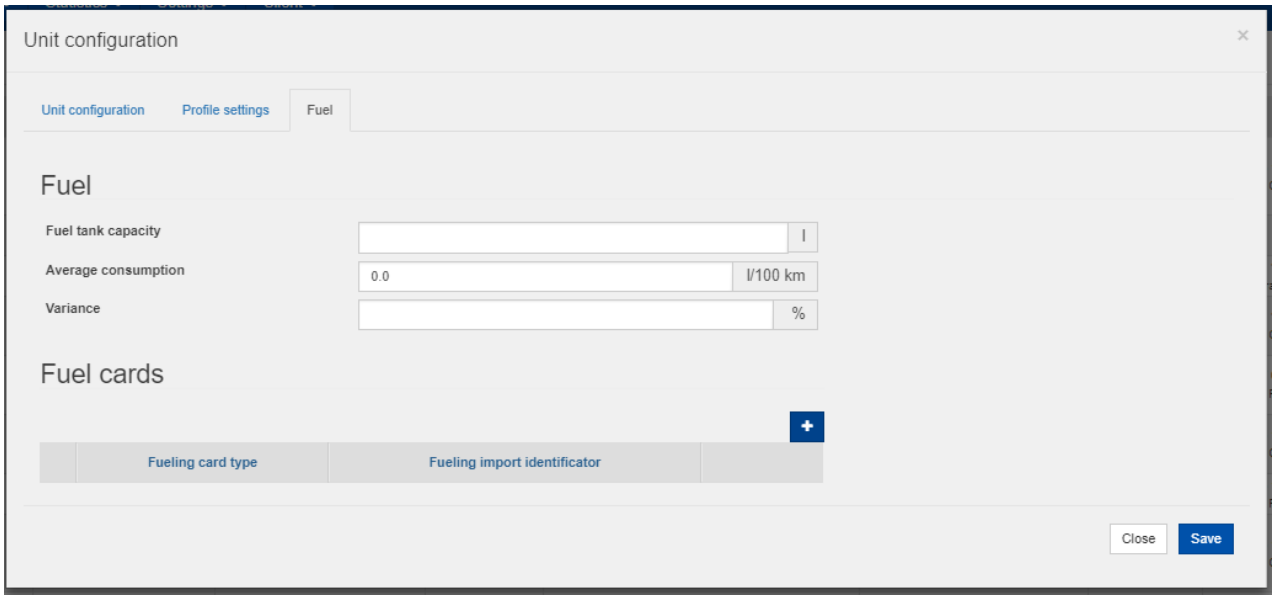
If you need to set the unit to receive an alarm when removing the unit from the surface (applies to 092 and 95 series devices) or need to end the ride immediately after the end of the journey, please go to the Expert Settings.



- LOCK - Lock the unit's position to detect its removal and subsequent alarm. (Turn on only if you know what function it is and how to use it.)
- RIDES - Defines exactly beginnings and endings. (Turn on only if you know what function it is. Cannot be combined with some profile types.)
    - Select RIDES whenever you want to add fuel to the system
- Current profile - Set the trace interval and track values in text. Adjust the units as shown above:
    - Moving position transmission interval
    - Interval of sending positions at rest
    - First position in

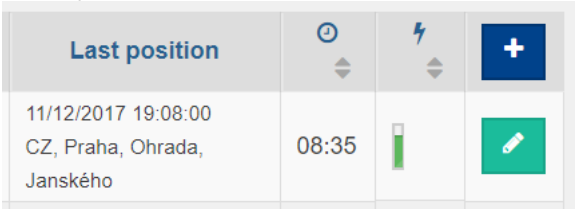
- Analog values write interval
- Once you have set all the values, click "Send" button
- The system will not let you down if you omit or misuse the value

Fuel



Fuel tab is available depending on the type and setting of the unit.

Within unit configuration you can check the unit's last position, last time of communication and battery status.



Deactivated units

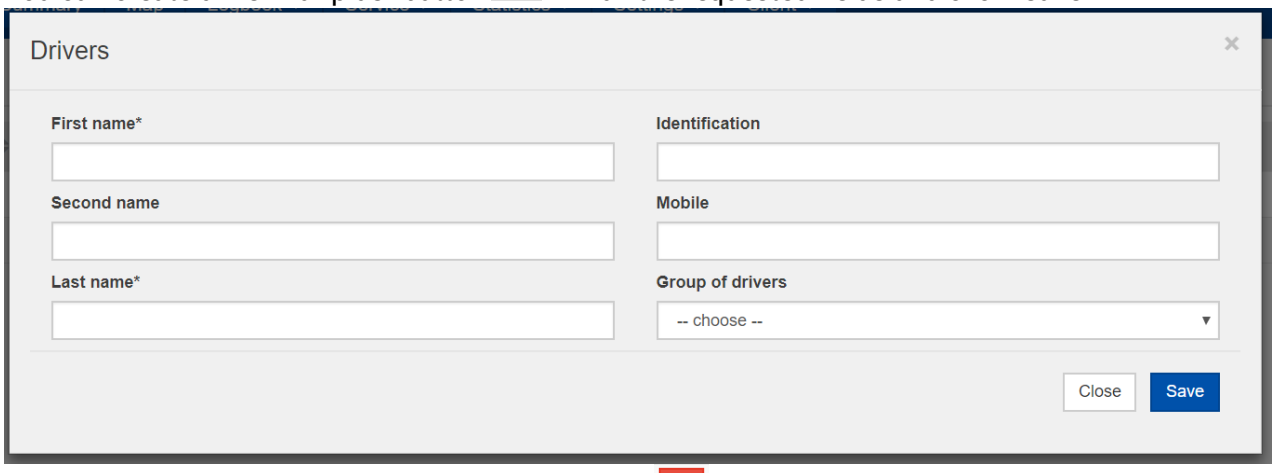
The list of deactivated units contains archived logbooks, e.g. for sold or canceled vehicles. It is used when unit is moved or reassigned to a new vehicle and you request a new logbook. Units can only be deactivated by technical support. For the situation described above, please contact technical support (Use the "report problem" form) to disable the unit. The request must be entered before the exchange or as soon as possible after it has been completed. It is not possible to perform this operation backward.

Drivers

List of customer drivers with the option to add, edit, and deactivate the driver. The right to edit the driver in this list is only the user who has been assigned the appropriate roles. In the case of customers who use a driver's identification in a vehicle using a chip, the driver is automatically added to that list at the time of first login in the vehicle using the previously allocated chip. Consequently, it is necessary that the user, who has the rights to manage drivers in the system, must assign correct name of the driver who was in the system identified by the chip. It is necessary to ensure organizationally that the user authorized to manage the driver does not subsequently change

the chip identifier for the driver concerned. Once a created driver cannot be deleted, it can only be deactivated.

You can create driver via “plus” button . Fill all the requested fields and click “save”.



Deactivation of the driver is able via “delete” button .

Deactivated drivers

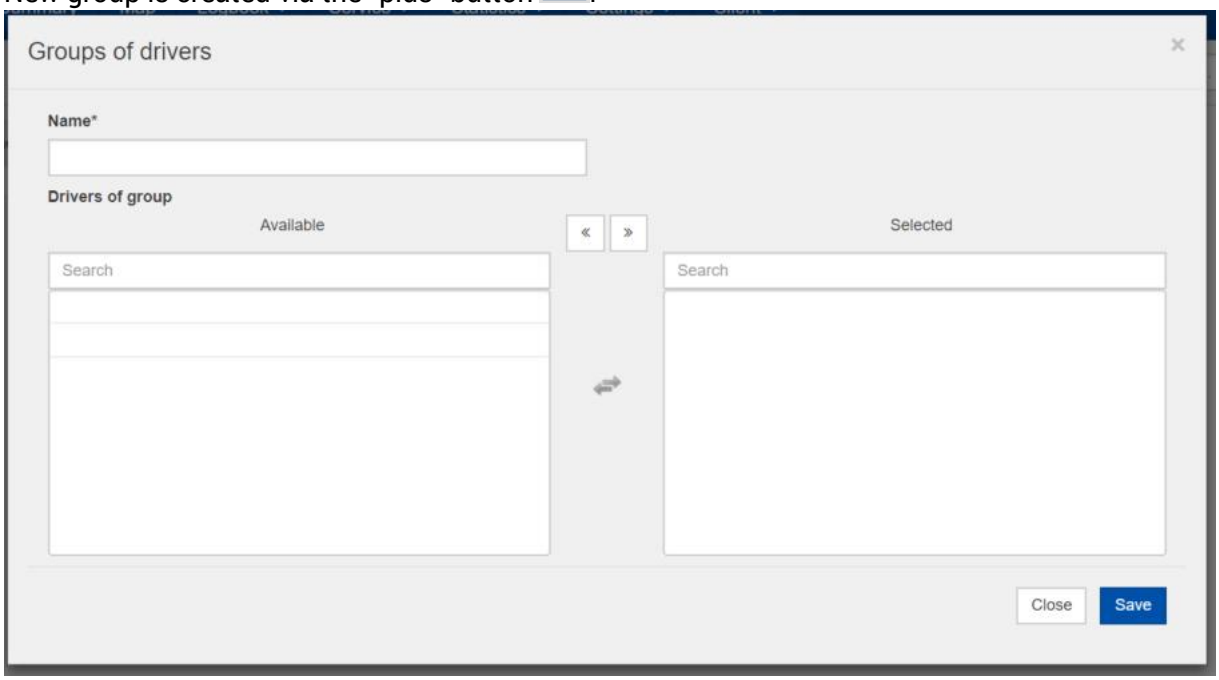
List of deactivated drivers. Logbooks or other records which are aligned to them can exist in the system. If you have created driver once, do not delete it! You will lose rides identification in logbook.

Complete deletion of the driver is available via “delete” icon .

Driver groups

Drivers can be grouped into predefined groups. Each individual driver may be a member of only one group. The driver may not be assigned to any group. It is possible to move the driver from the group to another group.

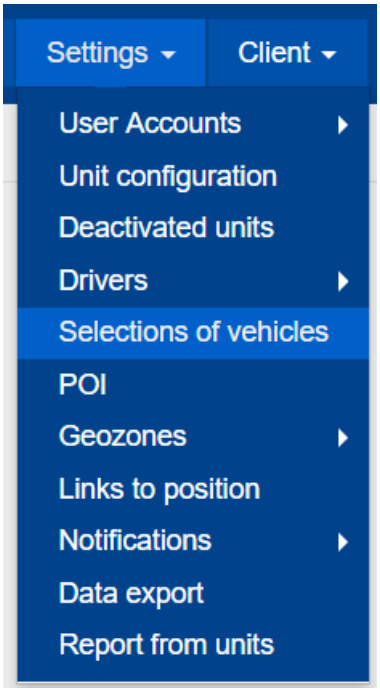
New group is created via the “plus” button .

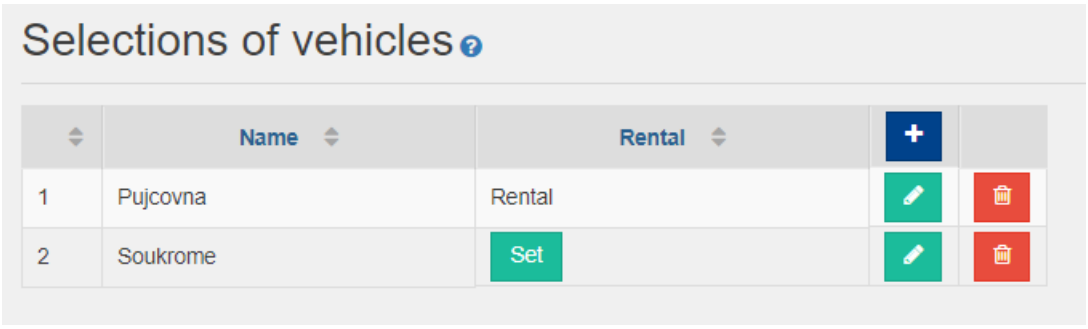


You can add a driver to your group as needed. In the left part are the drivers you have created, in the right part you add those drivers you want to have in your group.

Selections of vehicles

Vehicles can be grouped into predefined groups. Each individual vehicle can be grouped into several groups. The vehicle does not have to be assigned to any group. You can then filter by vehicle group by the "User group" button. One selected vehicle group can be set to the "Rental" flag, this group is then offered in the "Reservation of units" module.





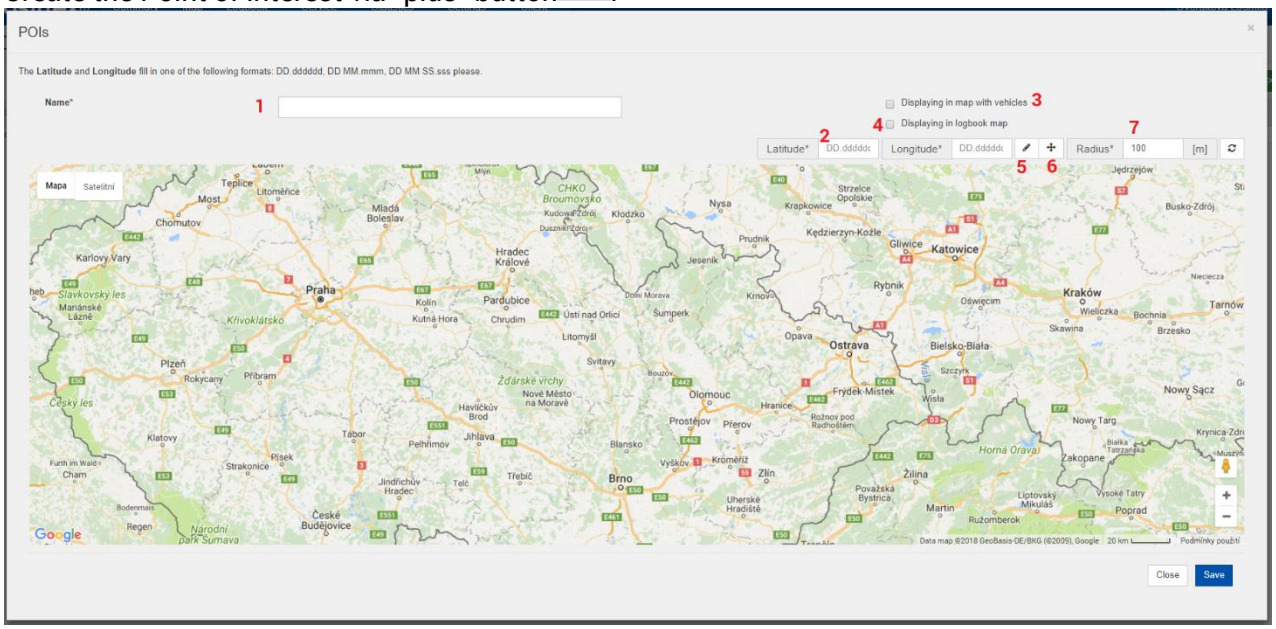
POI – points of interest

List POIs with an option to add, edit and delete. Editing points of interest in this list is done only by the user who has been assigned the appropriate roles or the administrator of the account. You can create any number of points of interest. Each point of interest is represented by a circle on a map of a defined radius from the center of the point of interest. For each point of interest, it is possible to set its specific behaviour. You can also set notifications to each point of interest that are defined in the "Notification" section. Without creating a notification, you will not be notified of the Point Input / Output of the object. Points of interest can also be used for a variety of analysis under tab Geozone "Analyze".

Keep in mind that if you have a monitoring unit with tracking interval in motion every 5 minutes, it is not possible to set the Geozone or Point of Interest so that they have a radius of 200m. The unit at 60km / h travels 5km in 5km and the system does not register that the 200m radius has passed.

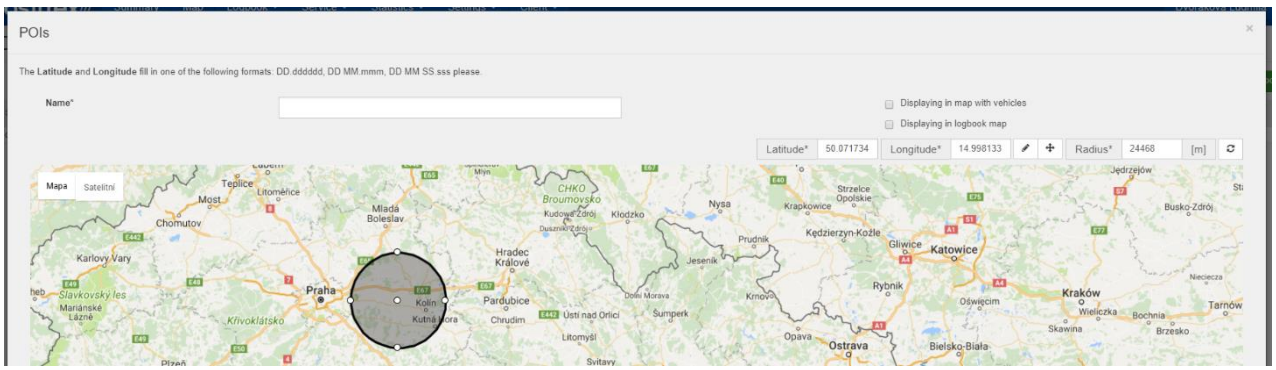
If you want to track I / O in defined areas less than 3km, set the monitoring interval to 1min.

Create the Point of interest via “plus” button .

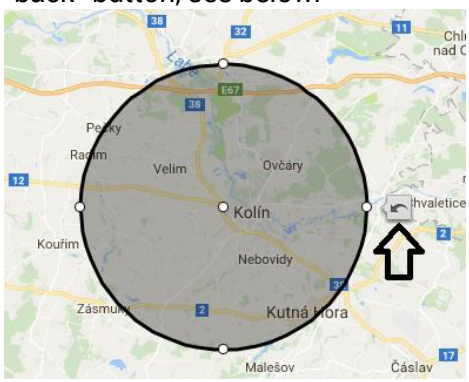


Legend:

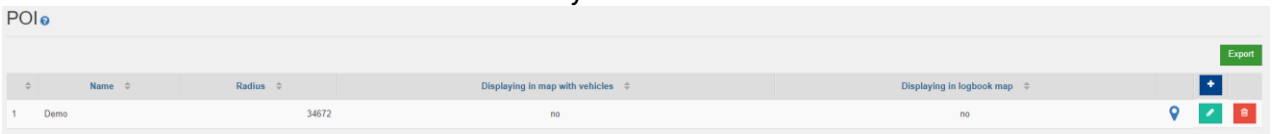
1. Enter the name of Point of interest. We recommend a unique name for you to have better overview.
2. It is not necessary to enter precise latitude and longitude data. Once the area on the map is selected, the data itself is tightened.
3. Select an option if you want the defined POI to appear on the map where the vehicles are visible. If this option is checked, the Point of Interest Map tab will be visible. So, if you do not want another user to know that you created the Point, leave this field unchecked.
4. Select an option to show the Point of Interest on the map when viewing a logbook. If you do not want the driver to know that a point is set, leave the field unchecked.
5. Click the pencil icon to create Point of Interest.
6. Click on the icon if you need a mouse to move the map and find a place to create Point of Interest.
7. After selecting a POI, you will see the radius of the area. If you want to edit the area, you just need to overwrite the radius in meters and then press “enter” button on your keyboard. Do not enter a number until you have created a POI.



Select where you want to create POI and click the left mouse button, hold down and slowly move the mouse. The POI will appear. To finish, just left the mouse button to release and you have your new POI.
You can now edit it by following the instructions above (point 7), adjusting the radius by the entering new value or by clicking the left mouse button and pointing the arrow in the picture and holding left button and moving the mouse you increase or decrease the POI. Stop holding the mouse button to end the change.
After every change you make, you can return everything to the previous state by one click on the “back” button, see below.



To move your entire POI to another location, simply click the left mouse button in the middle of the POI, hold down and move the mouse to the selected location on the map. If you have already ste everything, click the “Save” button and the desired POI will be created. You can see your POI in the overview with all information. You can check your POI via the “location” button .



Editing Point of interest

For editing POI click the “edit” button . You can edit the parameters as described process above. After finishing editing click the “Save” button.

Download the created POIs for further processing

If you need to continue working with Point / Points of Interest, you can download the data by clicking the icon in the .csv file. The file contains the following information

- Point of Interest Point
- Latitude and length
- Radius of Point of Interest

Deleting Point of interest

If you want to delete the POI, click on the "Trash" icon and the POI will be deleted.

You can also create a POI directly while creating an alert - see the Geozone alert settings.

Geozones and Analyze

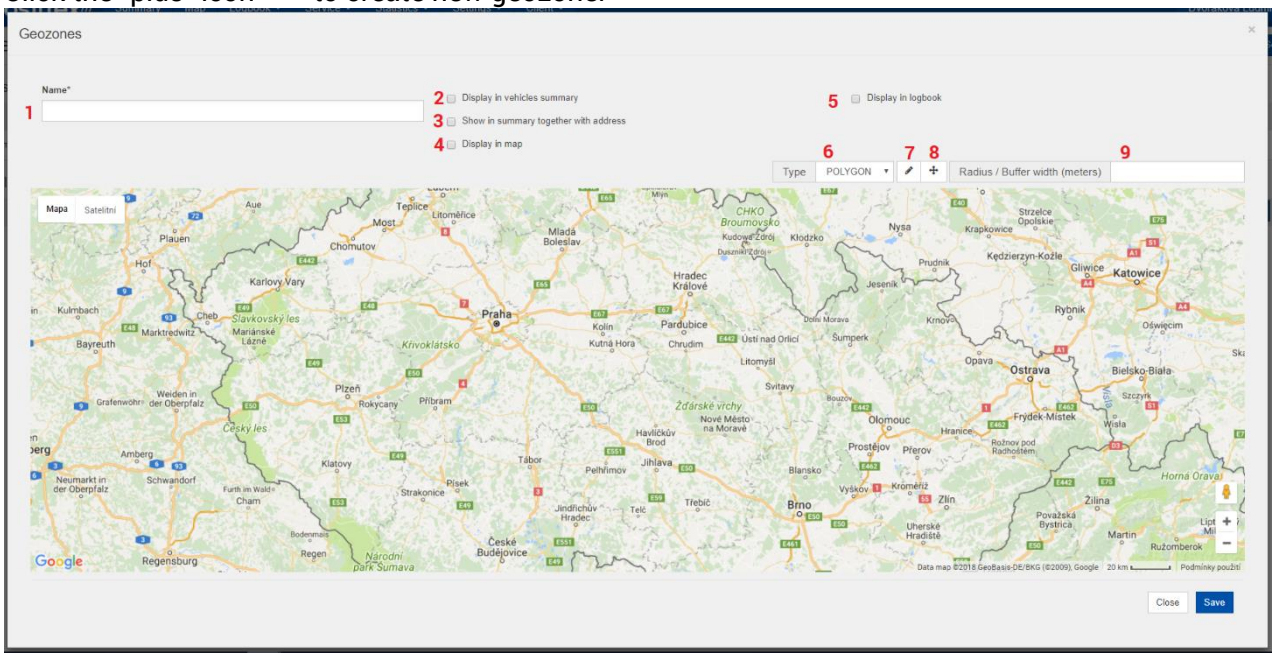
Creating geozones, editing and deleting. The right to edit geozones in this list has only the user who has been assigned the appropriate permissions or the administrator of the account. You can create any number of geozones. Each Geozone is represented by the shape of your need on the map. For each Geozone it is possible to set its specific behaviour. You can also set notifications for each Geozone, which are defined under "Notofications". Without creating a notification, you will not be notified of Geozone's Input / Output. Geozones can also be used for a variety of analysis under "Analyze".

Keep in mind that if you have a monitoring unit in motion every 5 minutes, it is not possible to set the Geozone or Point of Interest so that they have a radius of 200m. The unit at 60km / h travels 5km in 5km and the system does not register that the 200m radius has passed.
If you want to track I / O in defined areas less than 3km, set the monitoring interval to 1min.

Geozones and Points of interest are used for:

- Finding whether an object has left or entered the area
- When and where an object entered or left the area
- To inform your customer that you are carrying a load and that you are already 15 km from the delivery point
- Whether the driver has left the route
- Securing your property - if the car leaves the area, you know something is wrong
- Provide an overview of where guarded objects appeared at the workplace when they left
- How long was a truck in the campus
- And more

Click the “plus” icon to create new geozone.



Legend:

1. Write the name Geozone here. We recommend a unique name for you to have an overview.
2. Select an option if you want the defined Geozone to appear on the Overview tab where vehicles are visible. If this option is selected, the information in the Overview tab will be displayed for an object in the Geozone area.

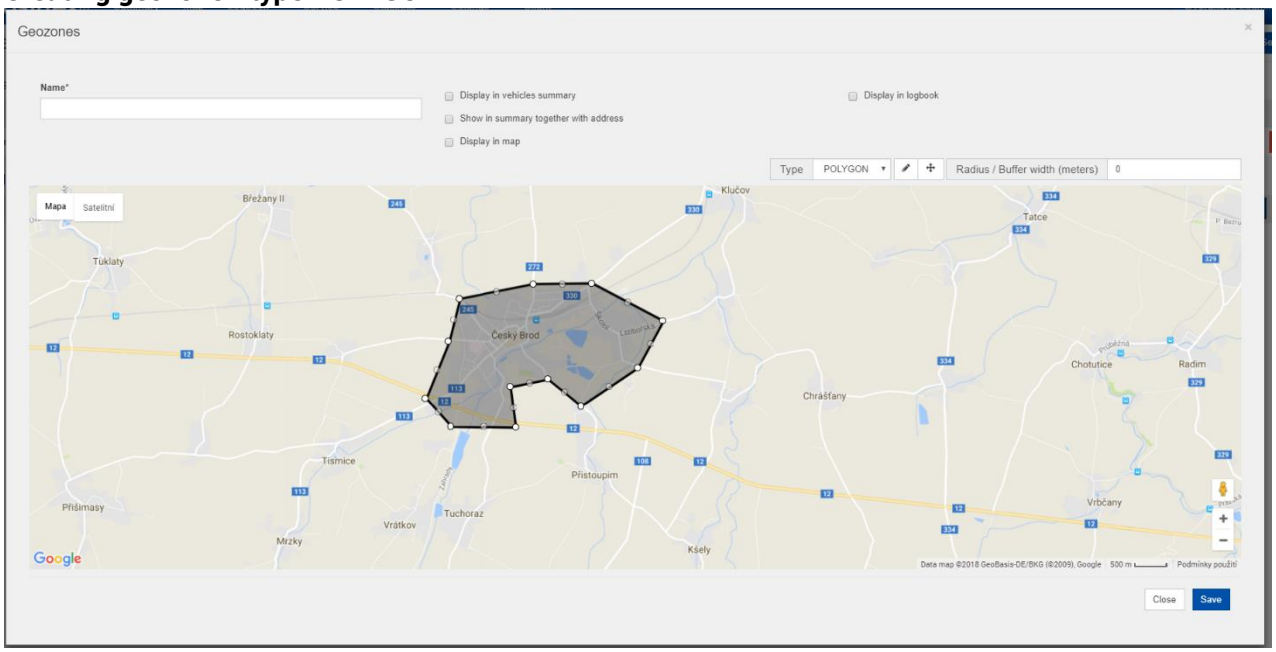
3. Select an option if you want the Geozone you defined to appear on the map where the vehicles are visible. If this option is checked, the Geozone Map tab will be visible. So, if you do not want another user to know that you created Geozone, leave this field unchecked. The viewable Geozone also provides information about the exact address of the object, so it is not just that the object is needed in the Issue area.
4. Select an option if you want the Geozone you defined to appear on the map where the vehicles are visible. If this option is checked, the Geozone Map tab will be visible. So, if you do not want another user to know that you created Geozone, leave this field unchecked.
5. Select an option if you want to display the Geozone on the map when viewing a driving book. If you do not want the driver to know that a point is set, leave the field unchecked.
6. Select the Geozone type you are interested in:
    a. **POLYGON** = draw yourself the area

    b. **POINT** = point of interest, the are is defined by a circle

    c. **POLYLINE** = draw a line that defines an area that has / cannot to be reached or an are that cannot be exceeded

    d. **MULTI** = see “Multiple geozones”
7. Click on the pencil icon if you want to create a geozone.
8. “Cross” icon is used when you need a mouse to move the map and find the place to create geozone.
9. Just for the types POINT and POLYLINE, after creating geozone in the map, you can edit the area overwriting the radius in meters and then press “enter” button on your keyboard. Do not write a number until you have created the geozone.

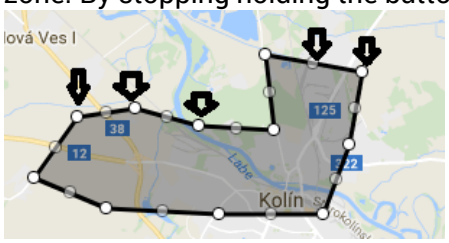
Creating geozone - type POLYGON



Select where you want to create a geozone and click the „pencil“ button. With left mouse button click in the location and then the next places to draw the geozone. Click as many times as you want the shape of the zone. Clicking on the first place you will close the Geozone.

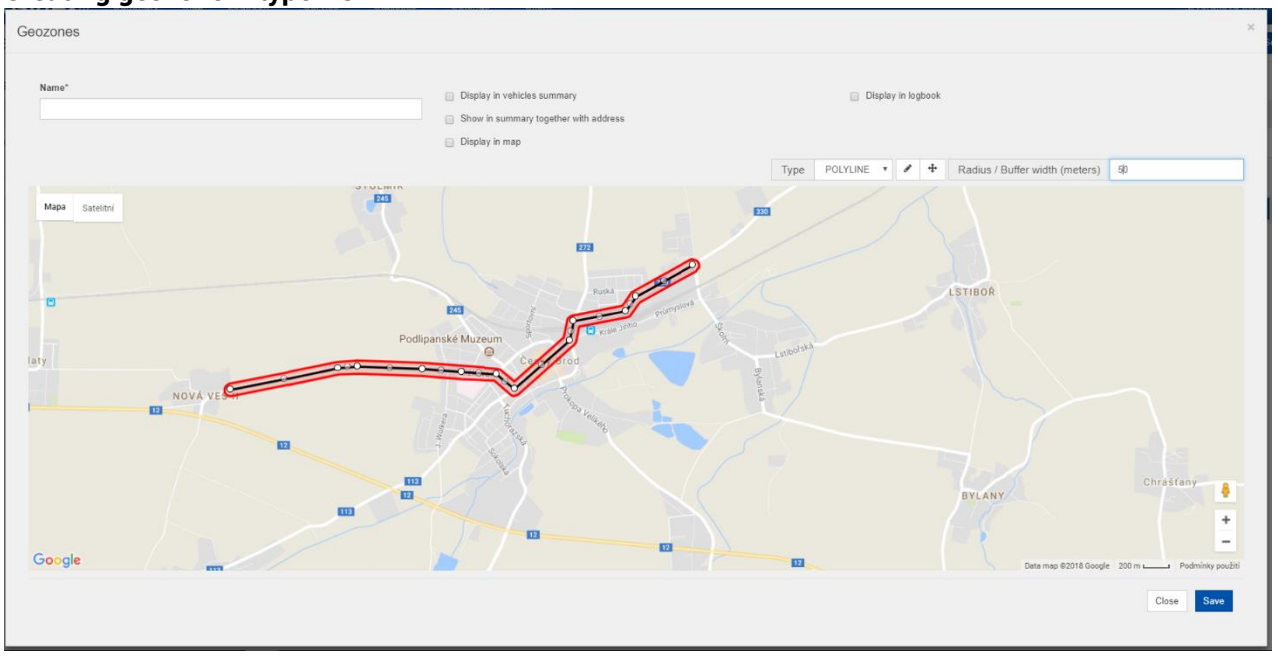
Short video: POLYGON.avi

Now you can edit the zone by clicking on one of the white dots with the left mouse button see picture below. Holding the mouse button and moving the mouse you can change the size of the zone. By stopping holding the button you end the changes.



After every change you make, you have the oprion of returning it all by one click back to the previous state, just click on the “back” icon . To move the entire geozone to another location, simply click anywhere in the geozone area, hold the mouse button and drag the mouse to move the entire zone to your chosen location in the map.
If you have already set everything, click on the “Save” button and the required Geozone will be created. In the overview you can see your geozones with all information and you can check it on the map via clicking the “location” icon .

Creating geozone – type POLYLINE



Select where you want to create a geozone and click the „pencil“ button. Click on that place with the left mouse button, then the next place and the next place and the next = create a line. Once you have everything created, click twice with the left mouse button and Geozone is created. You will see the Geozone set up.

Short video: POLYLINE.avi

Now you can edit the Geozone by clicking on one of the white points (any one) shown by the arrow in the image below (you can select any white point on the object's perimeter) and holding the left button and moving the mouse you change the size of the Geozone. Stop holding the mouse button to end the change.

Use the "Radius / Buffer width (meters)" field to specify the width of the line, where you can type the value of the line width in meters. We recommend giving a minimum width of 75-100m.
After every change you make, you have the option of returning it all by one click back to the previous state, just click on the "back" button . See also Point of Interest.

•To move the entire Geozone to another location, simply click the left mouse button anywhere in the Geozone area, hold the mouse button and drag the mouse to move the entire Geozone to your chosen location on the map.
If you have already set everything, click on the "Save" field and the required Geozone will be created. You will see your Geozone in overview including all the information. You can check the created Geozone on the map via the “location” icon .

Overview of created geozones

Editing geozones

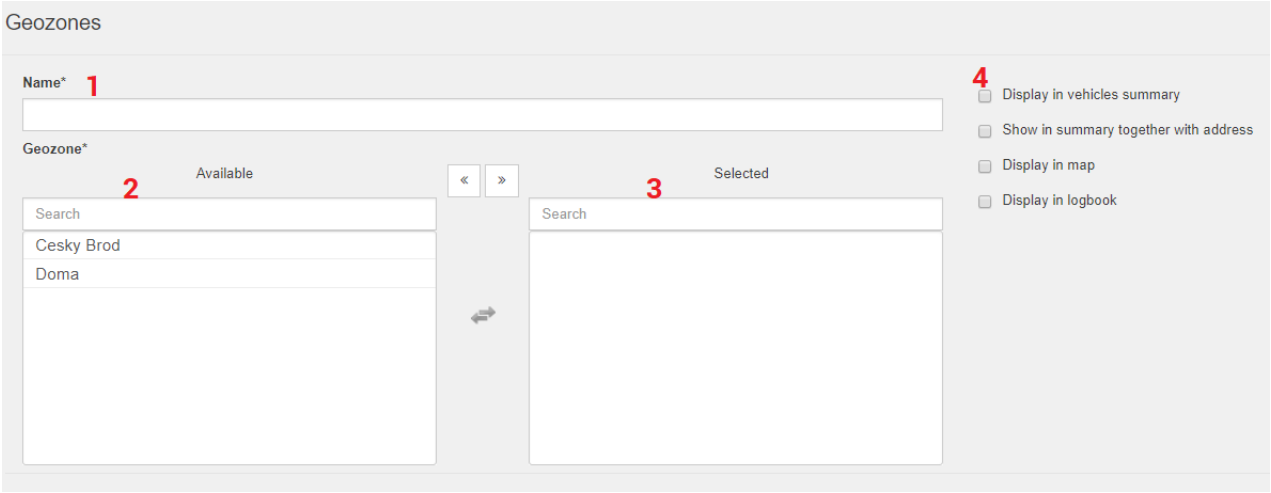
For editing geozones click the “edit” icon . You can edit the parameters that required adjustment via process described above. When finished, click the “Save” button.

Deleting geozones

To delete the geozone, click the “delete” icon .

Multiple geozones

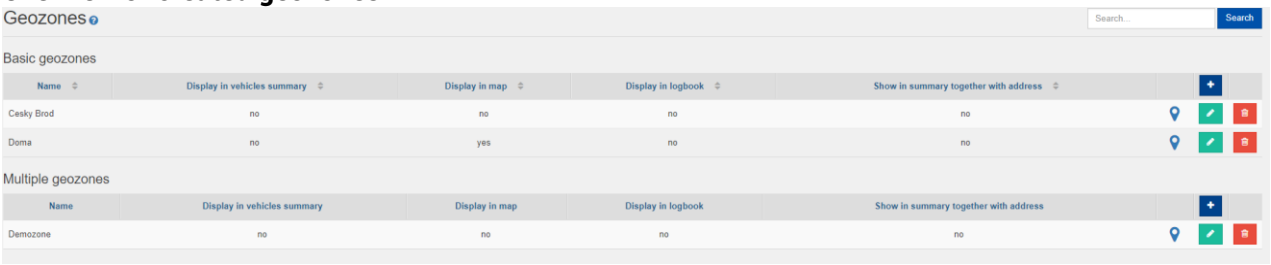
Multiple geozones are used to give you one alert to all areas of interest, and you do not need to make alerts for each area separately. Creating a Multiple geozone consists of a selection of geozone which you have created.



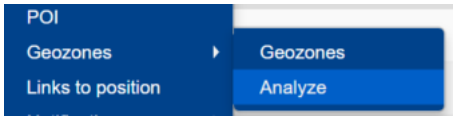
Legend:

1. Define the name of the multiple geozone
2. Select the area you want to add by clicking on the zone in the right side
3. Selected geozones in Multiple geozone
4. Define how the multiple geozone should appear on the map and logbook
5. Click the “Save” button

Overview of created geozones



Geozones – Analyze

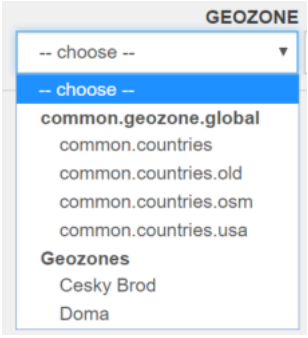


If you define geozones, you can then evaluate a number of events that occurred in the given areas:

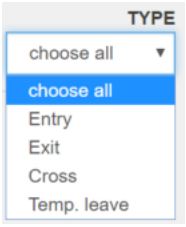
- Entering geozone
- Leaving geozone
- Crossing geozone
- Temporarily leaving geozone

How to make an analysis?

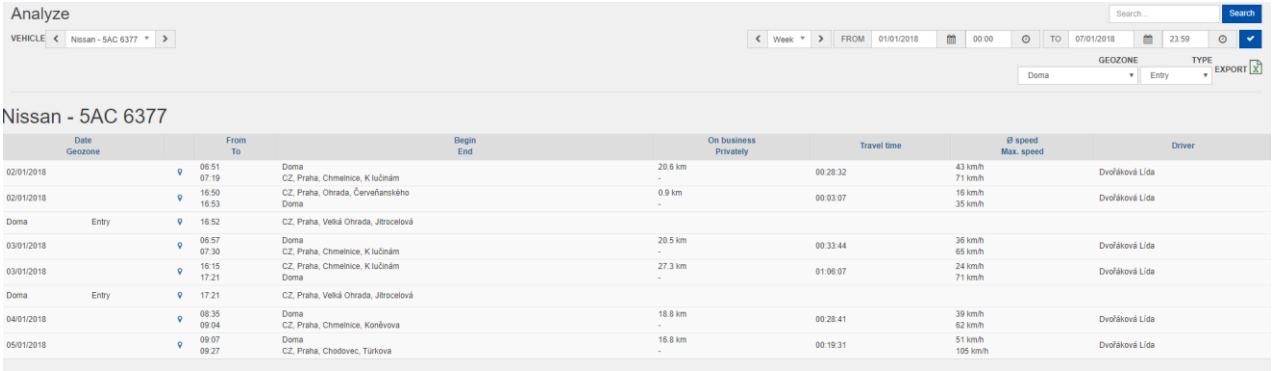
1. Select the object you want to evaluate on the vehicle card
2. Select the date range you want to evaluate
3. Select the Geozone or POI you want to evaluate



4. Select the activity you want to evaluate



5. You can download data in excel format



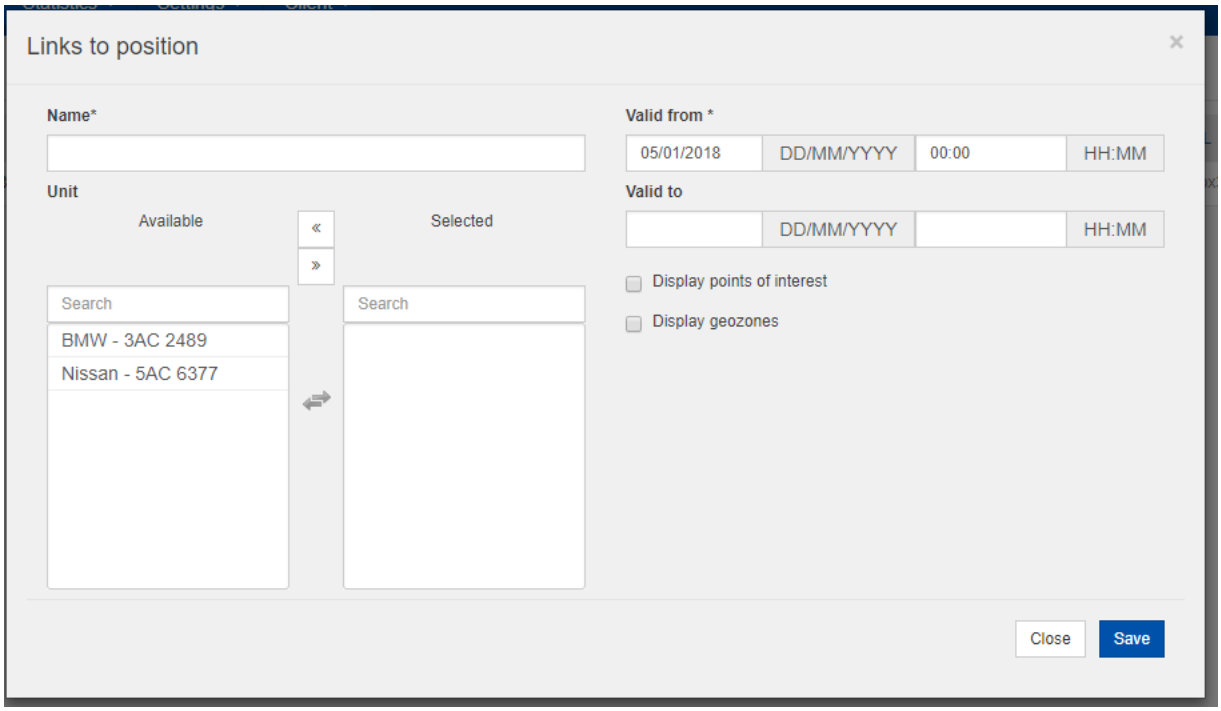
Links to position

A list of url links defined for individual GPS units that allow you to view the link via this url. Current position of the unit at a given moment and tracking this position over time. The validity of the link can be limited in time. For example, links can be sent by email or embedded on a website. The right to define url references in this list has only the user who has been assigned the appropriate roles.

It is **never** possible to edit a link that has already expired! Any adjustment is not saved. It's for security reasons, not to renew the link your previous customer needed to check the cargo, and he would not have seen the data anymore. The refreshing of the link would let him reach the information that is not intended for it.

This feature is used to share the position of an object with anyone who is deemed appropriate. The function is perfect for your customer to see how your van, truck or car are going, and does not have to call you where the cargo is located. You can set a link to a position so that it can be tracked by a third party to a certain time or indefinitely. You can always modify the parameters.

For configuration - Click on "Link to Position" and select the object you want to be monitored. Configure Validity From / To. If the validity will not be filled, the link will be valid until you delete it. Enter the Name.



Click “Save” when you are ready. Now the link will be created.

You will find the link in the list in tab “Settings – Links to position”.

You can copy the link and send it to your client. It can be open on every operating system, every web browser.

You can edit the link via “Edit” button or delete the link via “Delete” button . When the link is not valid, it cannot be edited.

Notifications

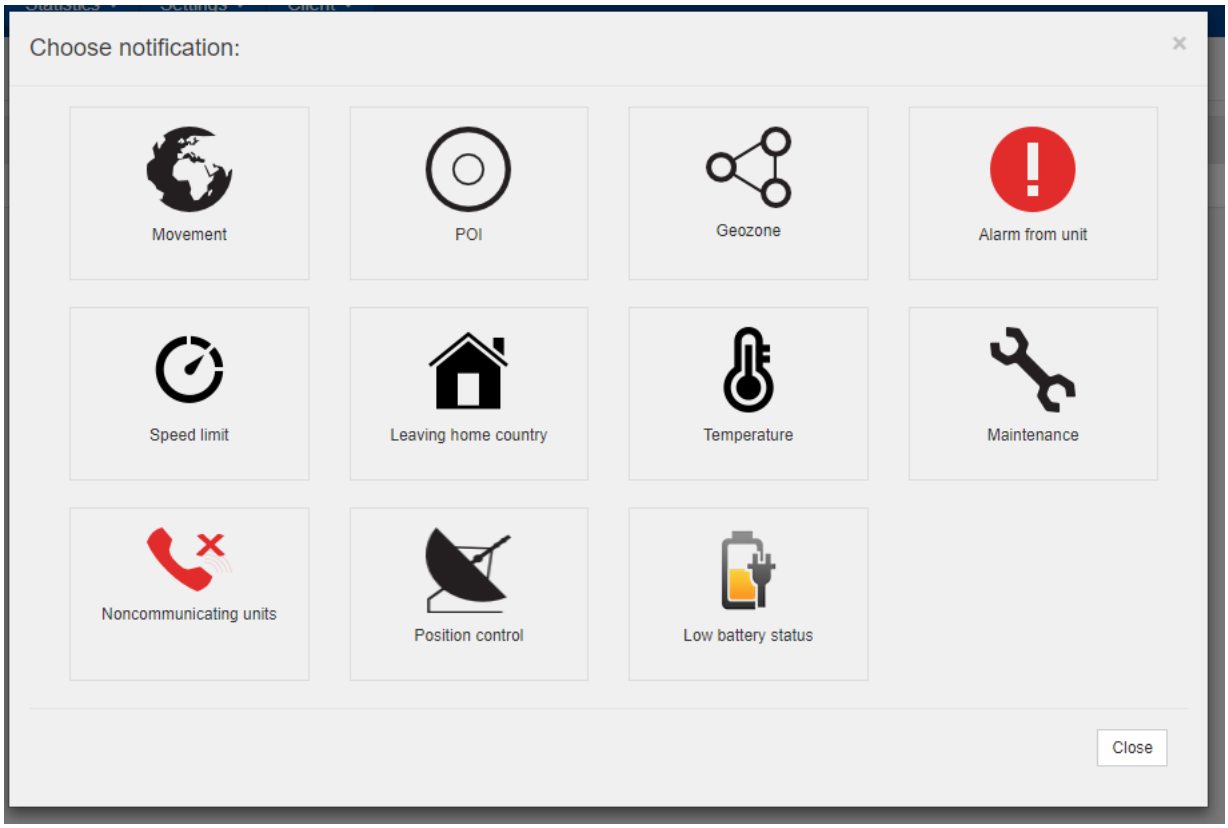
For setting alerts that respond to different events. Event types are, for example, motion alert, entry to point of interest, geozone entry and leaving, and many others. The event type is selected from the screen that appears when you click the “plus” icon . Notifications may be sent via email or through push notifications (as of November 1, 2017) or both. All the set events will then appear in the form of a list showing the basic parameters set for each event.

- The number of notifications set is not limited
- You can edit, delete, or change notifications at any time via your mobile phone
- You do not need to have a unit with you to set up notifications
- A notification can only be set by the user who has the delegated roles (administrator, full user, see user accounts)

What notifications can you set?

- Motion alert (stopover notification not available for wireless units)
- Entering and leaving Point of Interest
- Entering and leaving Geozone
- Maintenance notice

- HW alarm from the unit (depending on the type and setting of the unit if the function is available, for example)
- Noncommunicating Unit
- Position check (whether the objects are at a given point in time)
- Warning about low battery status of the wireless unit
- Exceeded speed limit
- Leaving home country
- Notification of exceeding the defined temperature



Notification setup wizard

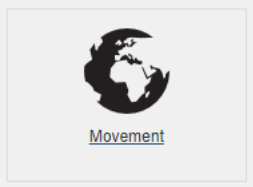
To set the notification, just select what you need to set up and then click on that icon. The same rules apply to set notifications:

- Enter the name of the notification
- Selection a unit that relates to the notification
- Set the time for notifications to arrive
- Setting where the notifications will come

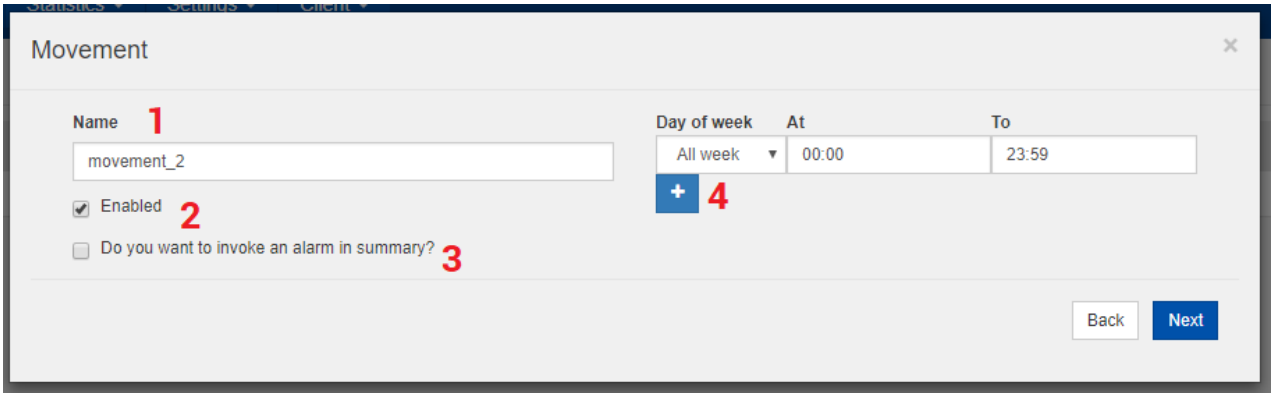
As a demonstration of the notification settings, we will go through the motion / shake / tilt notification settings (this is the case if the unit is at a standstill and "something" happens - a car kick, a blow to the container, a towing car) and setting a notification that unit left the habitat.

1.Setting alert for movement, shake, tilt of the wireless unit that is located on / in the object / vehicle

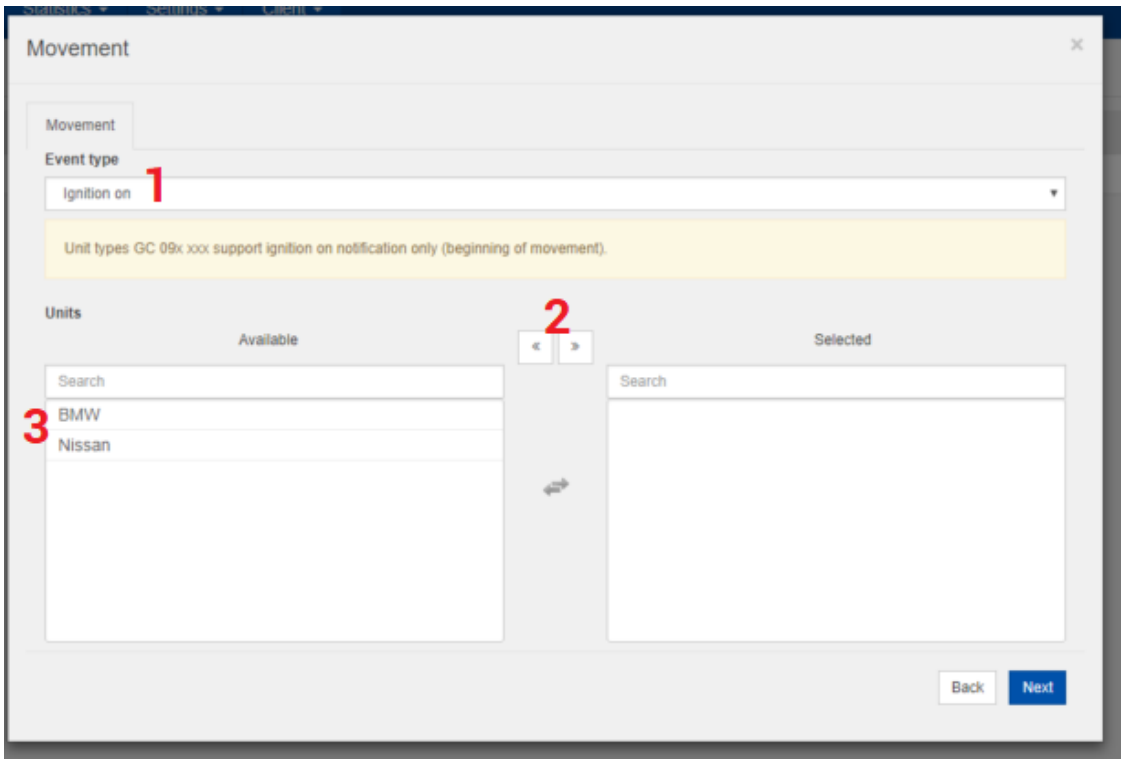
a. Select the icon Movement



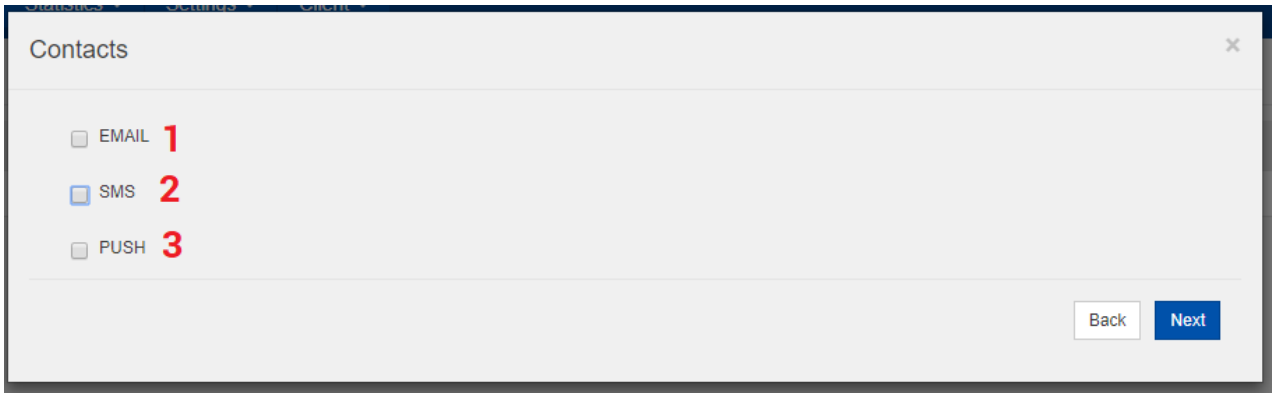
b. Define notification



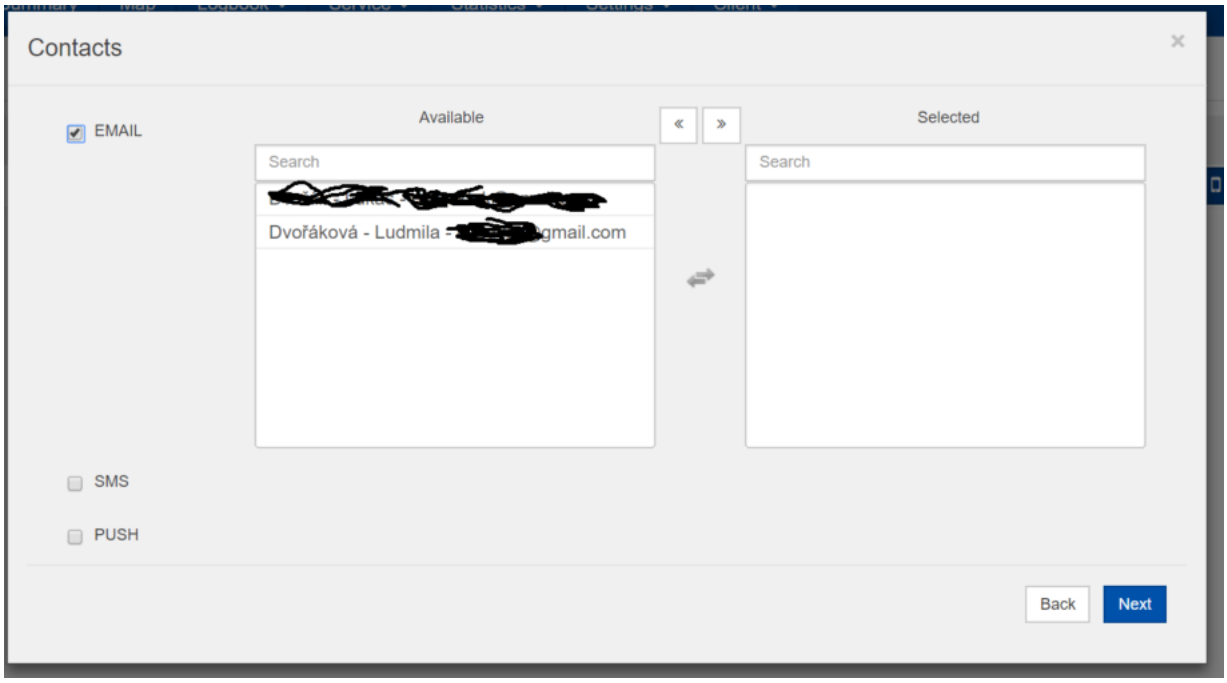
1. Name of the notification for you to know, what is coming to your email or mobile phone
2. Allways enter “Allowed”
3. Alert = The icon of the monitored object will be blinked on the Positrex Summary tab until the alert will be check as a done by you
4. Select the time you want to receive the notification. The choice is up to you.
5. Click “Next” button



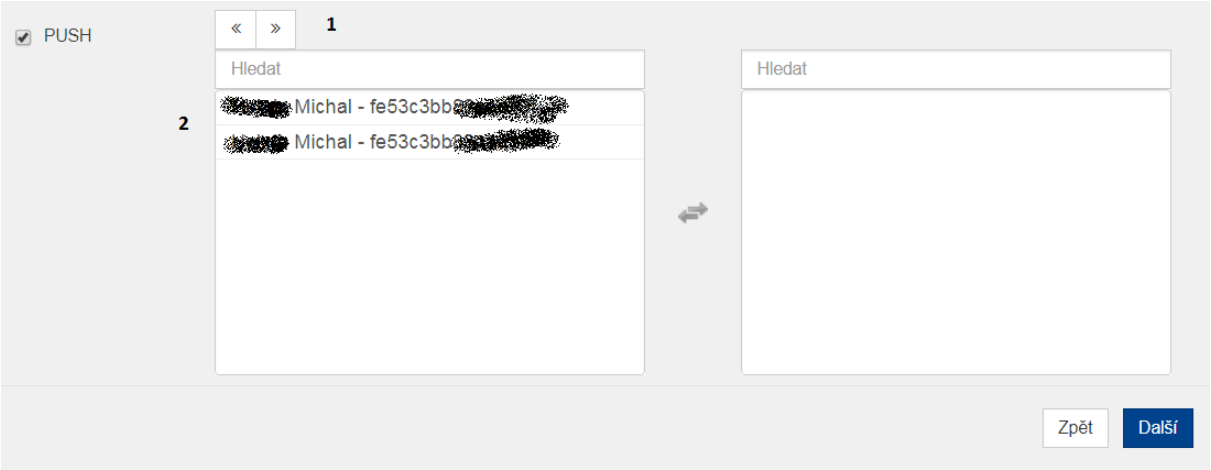
1. Select “ignition on” = G sensor within the unit will respond to the shocks
2. Select the unit that will provide the notification, click on it with the left mouse button
3. Click on the unit to be in the right box
4. Click “Next” button



1. If you want to be alerted to the movement, shake, shocks, tilt, or impact of the object by e-mail, select this option.
    a. After selecting the EMAIL, you will see contacts where the notification can be received
    b. Select the contact you want and click on it to make the contact be on the right side



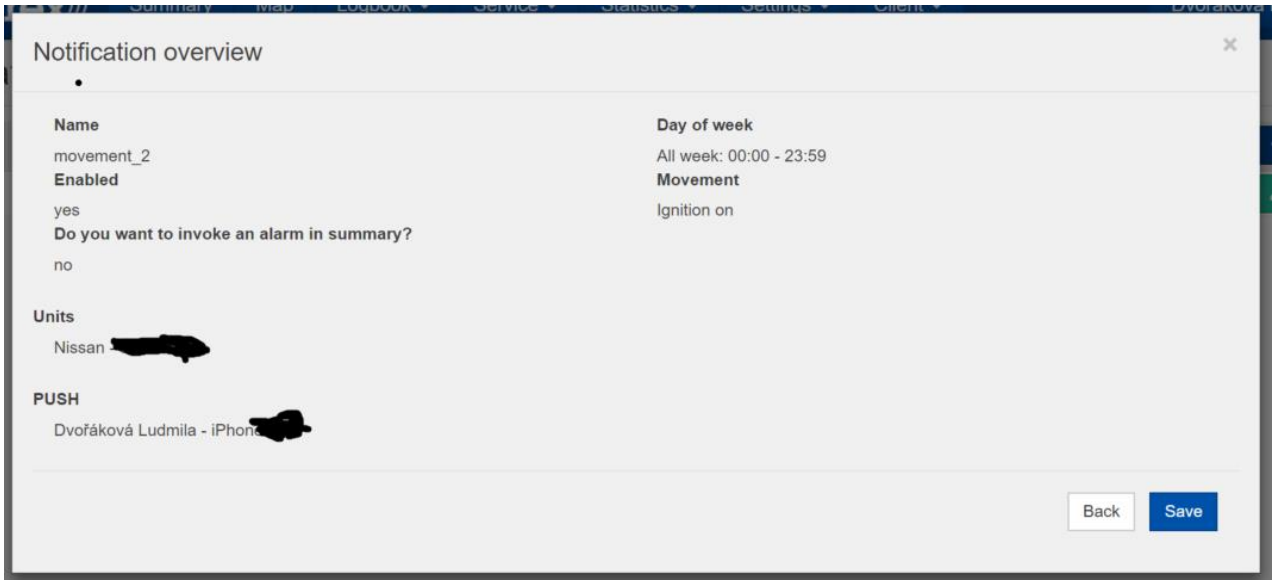
2. SMS – a chargeable option, not recommended
3. Push notifications directly to your mobile or tablet
    a. Once you sign in via mobile device (tablet or mobile phone) to the Positrex system, your ID will be recorded.
    b. Select the device where the Push notification should come
    c. For the Push notification to work properly, keep the mobile app on



d. After selecting the PUSH field, you will see contacts where the notification can be received but first you must sign in from the mobile device to the system. Depending on the phone number you have for your account, you will be recognized
e. Select the contact in the left box and click on it to make the contact be on the right

4. If you have selected contacts and how to receive a notification, click the “Next” button

5. You will see an overview of the notification settings. If you agree with the settings, click the “Save” button.

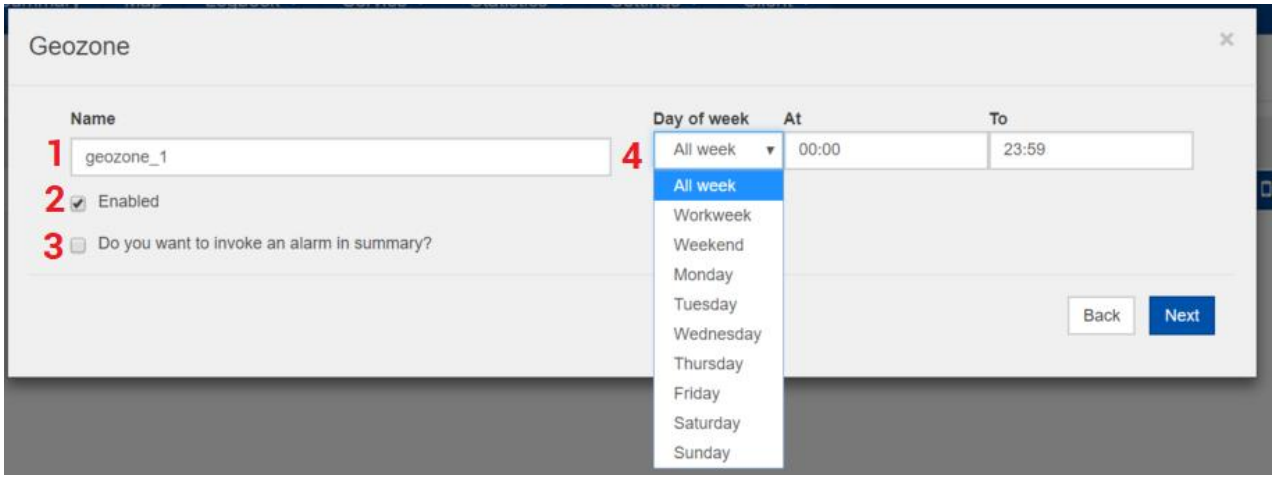


Warning notification interval is always online = when the event occurs, the information arrives. Typically up to 60s if mobile signal is available. When selecting the contact person to receive the notification, you must always select at least one person. The maximum number is limited only by how many contacts you have in the system.
To select the unit to provide the notification, click on it with the left mouse button. You must always select at least one unit.
You can terminate the creating notification process at any time by clicking on the cross in the top right corner. You can return to the previous screen at any time by clicking the “Back” button.

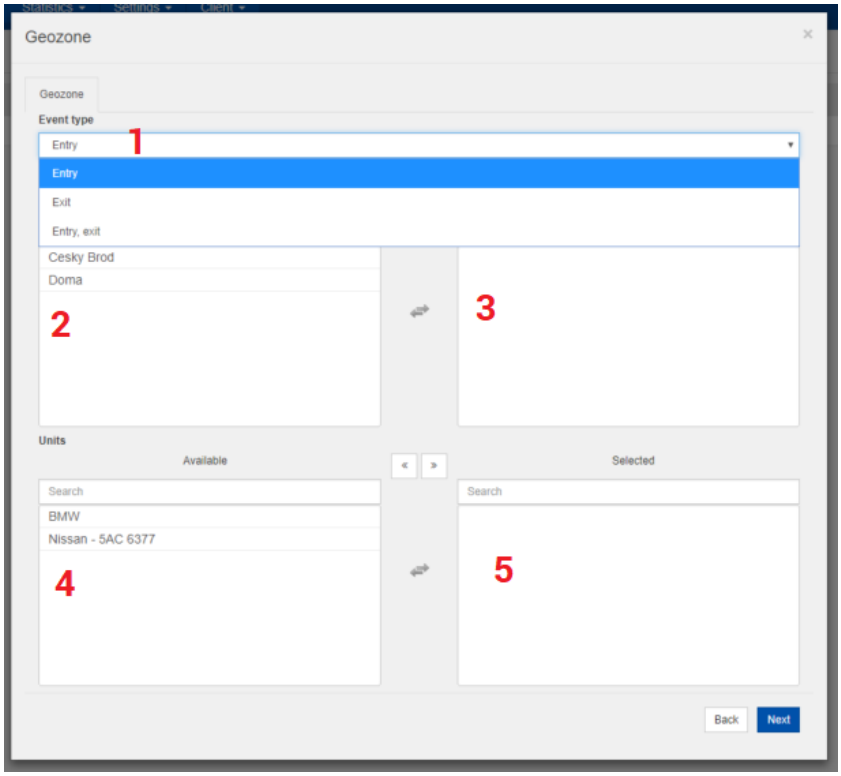
2.Set notification for entering and leaving to preselected area (geozone)

a. Select the icon “Geozone”

b. Define the notification



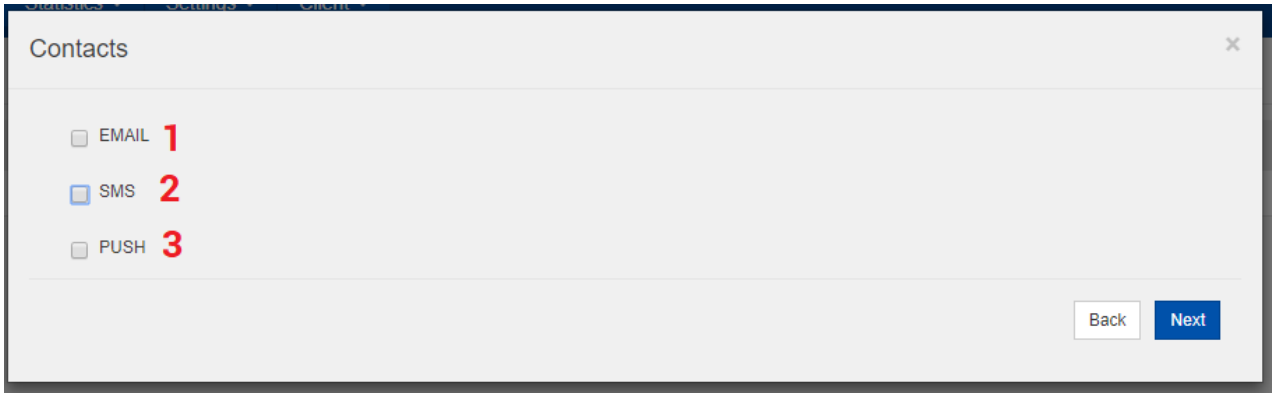
1. Name of the notification for you to know, what is coming to your email or mobile phone
2. Always enter Allowed
3. Alert = The icon of the monitored object will be blinked on the Positrex Summary tab until the alert on the vehicle card is highlighted as done by you
4. Select the time when you want to receive the notification. The choice is up to you
5. Click “Next” button



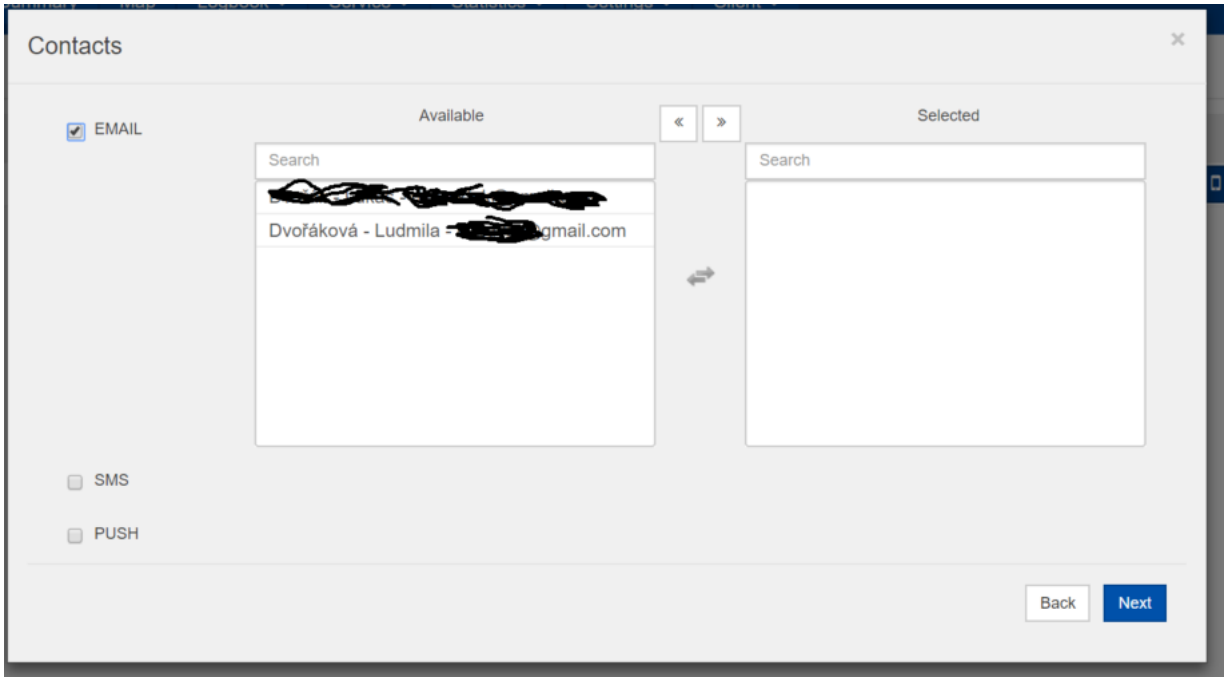
1. Select what action you want to monitor

2. Selection of Geozones for monitoring entering and leaving. Selection is done with the left mouse button
    a. If you forgot to create a geozone or you want to create a different one, you do not have to go back to the Geozone tab. Just click the “plus” button and create the area directly. See the picture below.

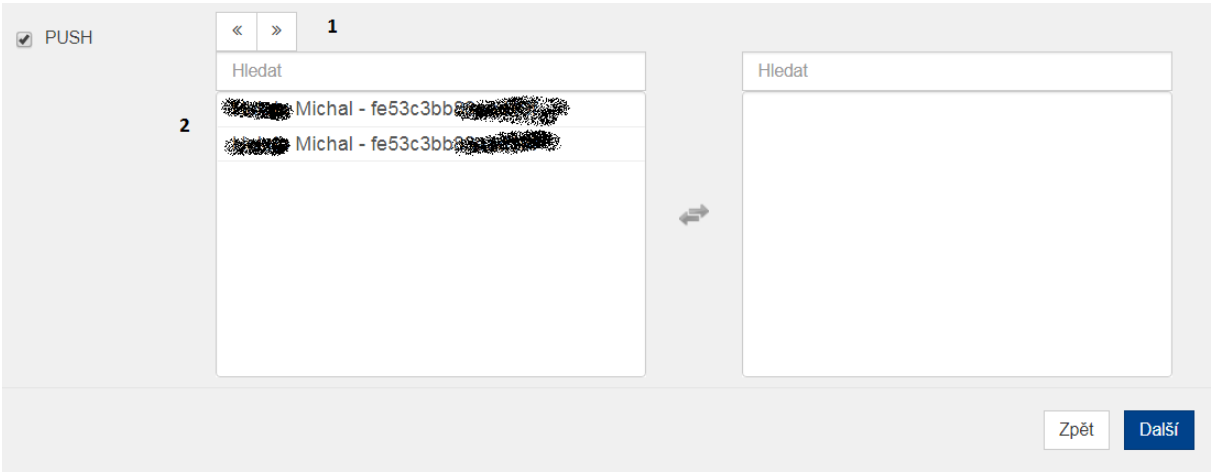
3. This selection will show your chosen geozone for guarding
4. Select the unit that will provide the notification and click on it with the left mouse button
5. The unit you are monitoring
6. Click “Next” button



1. If you want to be alerted to the movement, shake, shocks, tilt, or impact of the object by e-mail, select this option.
    a. After selecting the EMAIL, you will see contacts where the notification can be received
    b. Select the contact you want and click on it to make the contact be on the right side



2. SMS – a chargeable option, not recommended
3. Push notifications directly to your mobile or tablet
    a. Once you sign in via mobile device (tablet or mobile phone) to the Positrex system, your ID will be recorded.
    b. Select the device where the Push notification should come
    c. For the Push notification to work properly, keep the mobile app on



    d. After selecting the PUSH field, you will see contacts where the notification can be received but first you must sign in from the mobile device to the system. Depending on the phone number you have for your account, you will be recognized
    e. Select the contact in the left box and click on it to make the contact be on the right
4. If you have selected contacts and how to receive a notification, click the “Next” button

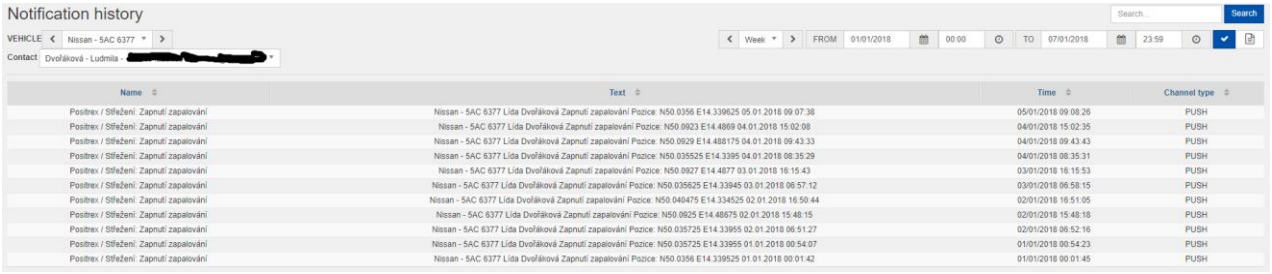
You will see an overview of the notification settings. If you agree with the settings, click the “Save” button.

Notification history

You can use the Notification History tab to check the sent notifications, you can see when and to whom the alert has been sent.
You can set the filter according to the:

- Date and time
- Vehicle (object)
- Contact to which notice should come

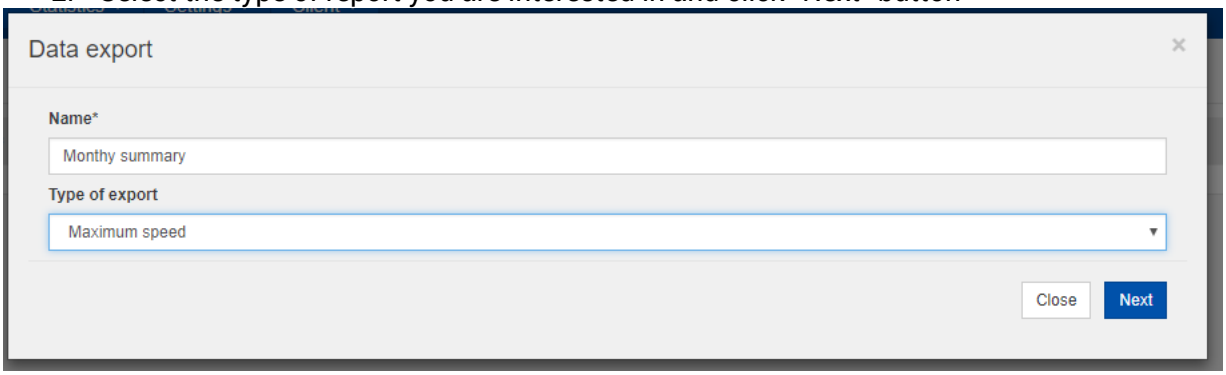
Incident types = You can also download notifications into .xls or PDFs in the Statistics tab - type of statistics “Incidents”



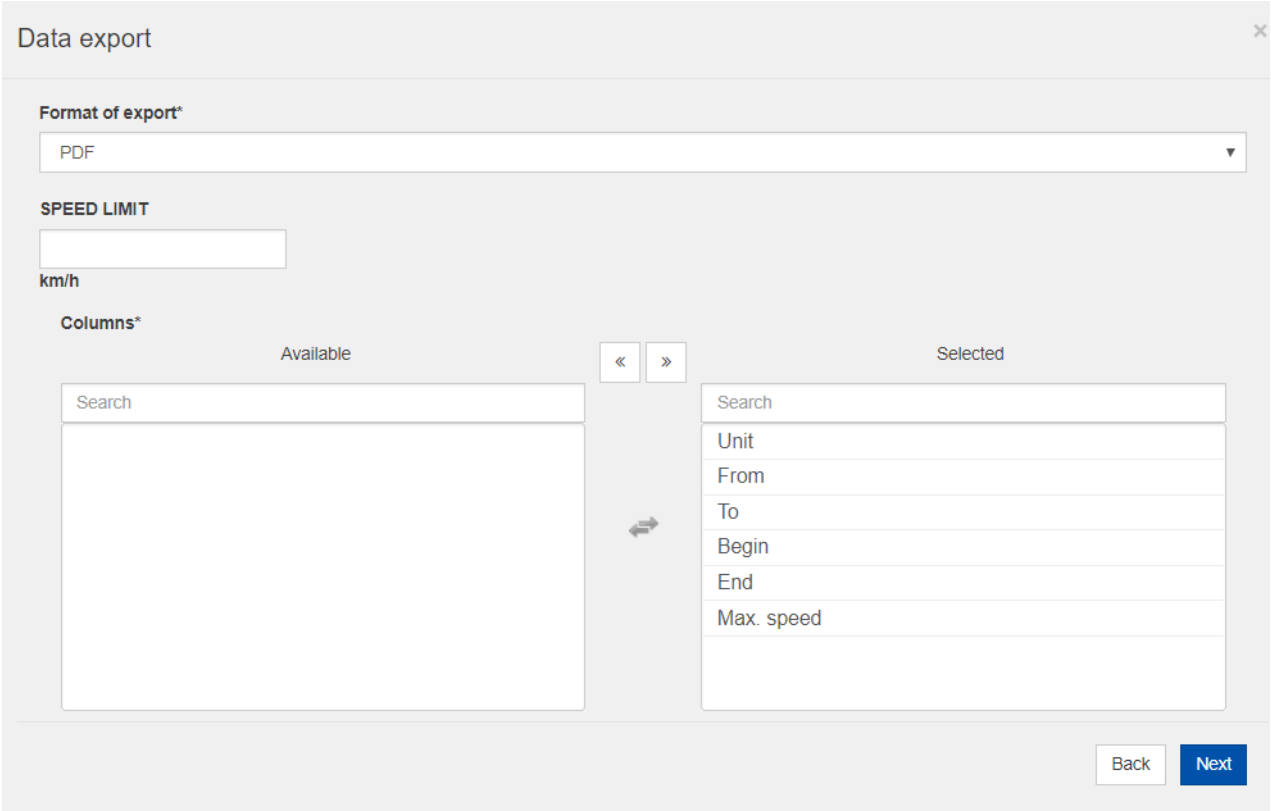
Data export

This item sets the automatic data export options according to the selected criteria. Any export of data from an application can be sent automatically with a preselected frequency (such as 1 x a week or every day or once a month). The type of export is selected from the screen that appears after clicking the “plus” icon . Exports of data are sent by email to an address that can be selected from contacts pre-set in the application (Settings for user accounts or Contacts).
All set export will then appear in the form of a list showing the basic parameters set for each export.

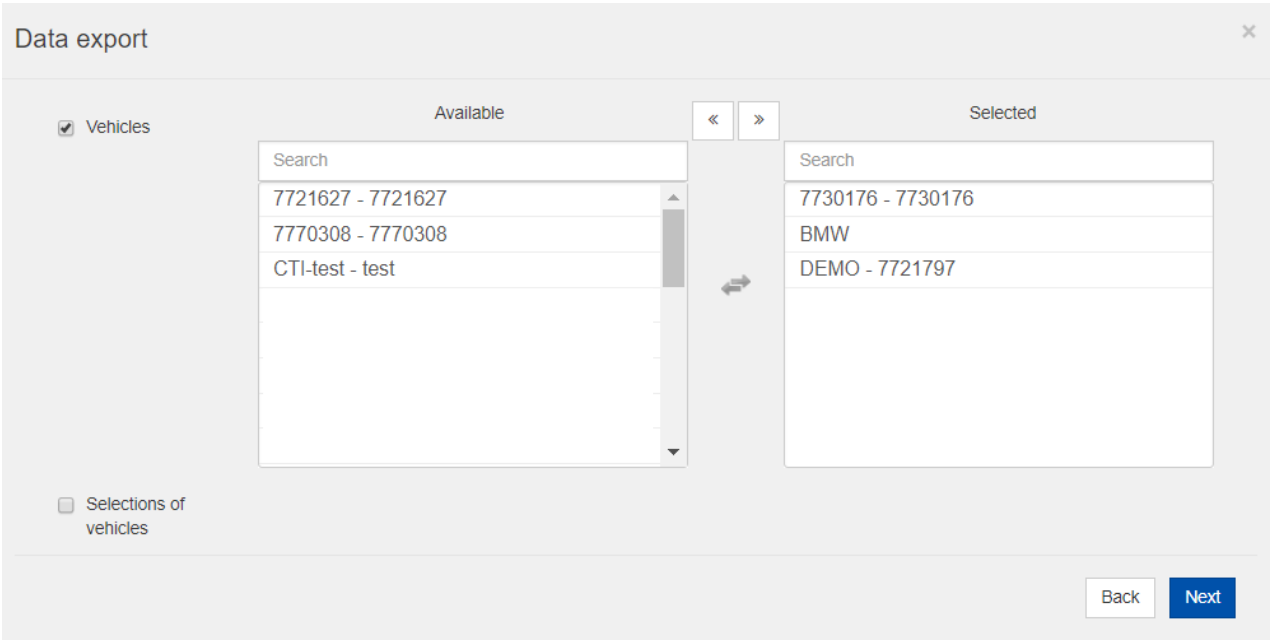
1. Enter the name of the report
2. Select the type of report you are interested in and click “Next” button



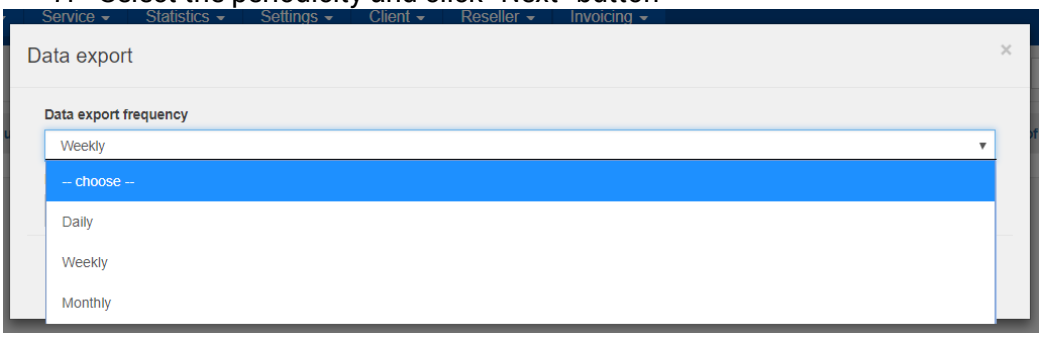
3. Select the data format you want
    a. Usually you can choose from PDF or xls
    b. Some report can be just pdf or just xls
4. Enter additional information, for example speed limit – see below
5. Select the columns you require and click “Next” button



6. Select the objects that are affected by clicking the mouse button on the object and click “Next” button



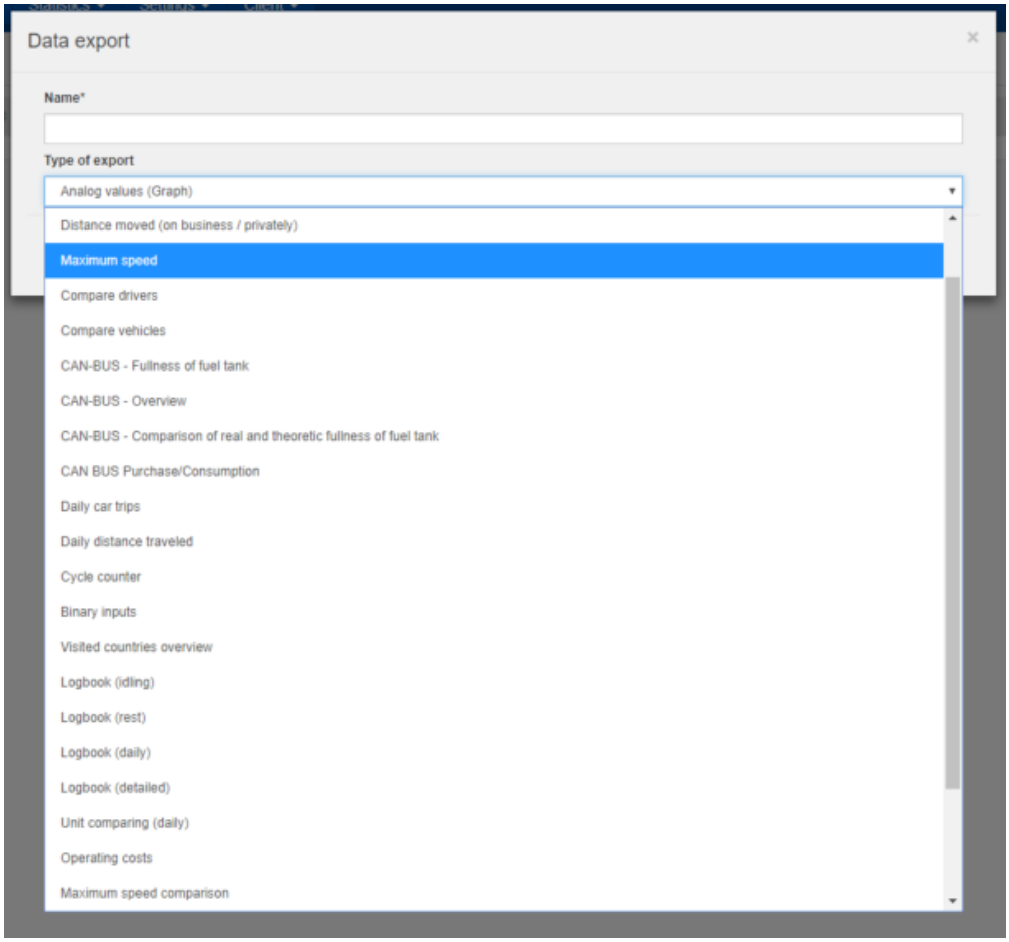
7. Select the periodicity and click “Next” button



8. Select the contact that will receive the email defined by you and click “Save” button

You can edit the report at any time using the "edit" icon or delete it via "delete" icon .

What can you automatically monitor?



Number of reports is not limited.

Report from units

Here you will find the values the unit sends to the system. Just define the unit you want to track, select a time period and confirm the selection.

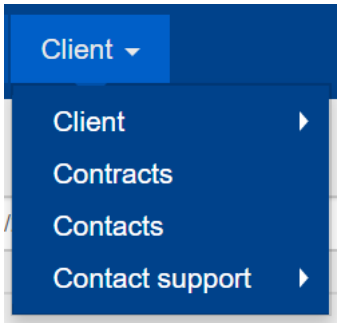
Report from units

VEHICLE Nissan - 5AC 6377

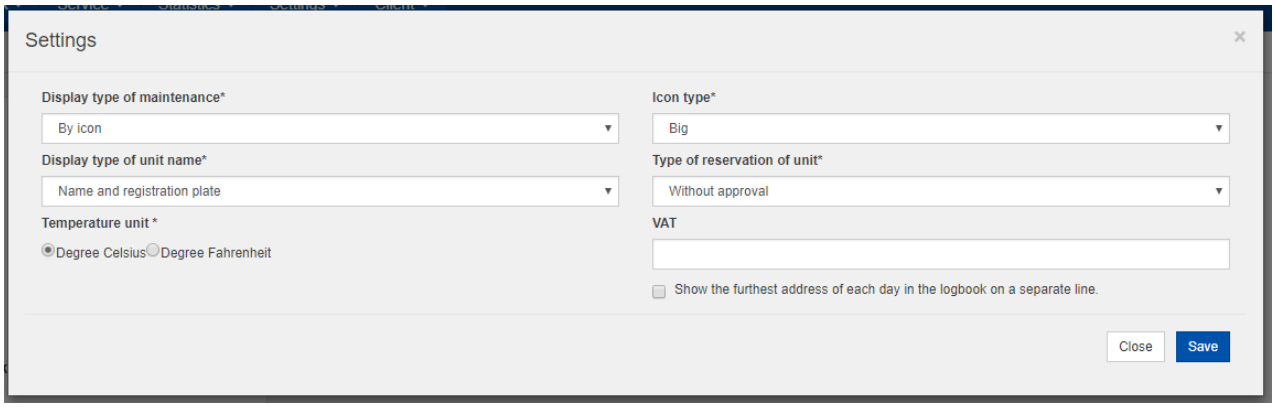
1 / 2

	Date	Type	
1	05/01/2018 09:27:09	Ign. Off	50.037100N 14.493000E, speed=0 km/h, in/out=01111111, backup power=3.78 V
2	05/01/2018 09:27:08	Position	50.037100N 14.493000E, speed=19 km/h
3	05/01/2018 09:26:58	Position	50.037450N 14.492650E, speed=11 km/h
4	05/01/2018 09:25:58	Position	50.040275N 14.490100E, speed=42 km/h
5	05/01/2018 09:25:47	Position	50.041125N 14.488625E, speed=46 km/h
6	05/01/2018 09:24:43	Position	50.040850N 14.484175E, speed=63 km/h
7	05/01/2018 09:24:33	Position	50.040425N 14.482600E, speed=50 km/h
8	05/01/2018 09:24:23	Position	50.039500N 14.481575E, speed=14 km/h
9	05/01/2018 09:23:48	Position	50.039200N 14.482525E, speed=48 km/h
10	05/01/2018 09:23:38	Position	50.040150N 14.482950E, speed=50 km/h
11	05/01/2018 09:22:50	Position	50.039450N 14.471250E, speed=48 km/h
12	05/01/2018 09:21:50	Position	50.038000N 14.454475E, speed=97 km/h
13	05/01/2018 09:20:50	Position	50.032900N 14.431600E, speed=105 km/h
14	05/01/2018 09:19:50	Position	50.031775N 14.412150E, speed=80 km/h
15	05/01/2018 09:19:01	Position	50.039475N 14.406600E, speed=77 km/h
16	05/01/2018 09:18:25	Position	50.045875N 14.409325E, speed=68 km/h
17	05/01/2018 09:16:45	Position	50.062025N 14.405900E, speed=39 km/h
18	05/01/2018 09:16:35	Position	50.062925N 14.405475E, speed=30 km/h
19	05/01/2018 09:15:31	Position	50.061150N 14.397425E, speed=38 km/h
20	05/01/2018 09:14:38	Position	50.057900N 14.389250E, speed=41 km/h
21	05/01/2018 09:14:28	Position	50.057900N 14.387500E, speed=69 km/h
22	05/01/2018 09:13:28	Position	50.055550N 14.373650E, speed=74 km/h
23	05/01/2018 09:13:09	Position	50.053300N 14.370650E, speed=39 km/h
24	05/01/2018 09:12:09	Position	50.049425N 14.363300E, speed=61 km/h
25	05/01/2018 09:11:28	Position	50.048975N 14.353175E, speed=38 km/h
26	05/01/2018 09:11:07	Position	50.047225N 14.350675E, speed=47 km/h
27	05/01/2018 09:10:07	Position	50.045725N 14.341375E, speed=75 km/h
28	05/01/2018 09:09:11	Position	50.041425N 14.334300E, speed=30 km/h
29	05/01/2018 09:08:16	Position	50.037150N 14.335525E, speed=57 km/h
30	05/01/2018 09:07:38	Ign. Off	50.035600N 14.339625E, speed=0 km/h, in/out=11111111
31	04/01/2018 16:25:29	Ign. Off	50.035600N 14.339625E, speed=0 km/h, in/out=01111111, backup power=3.78 V
32	04/01/2018 16:25:28	Position	50.035600N 14.339625E, speed=0 km/h

Client



View client data such as billing address, mailing address, and contact details that are entered when creating your account with Positrex. It is possible to modify some Positrex values in the settings.



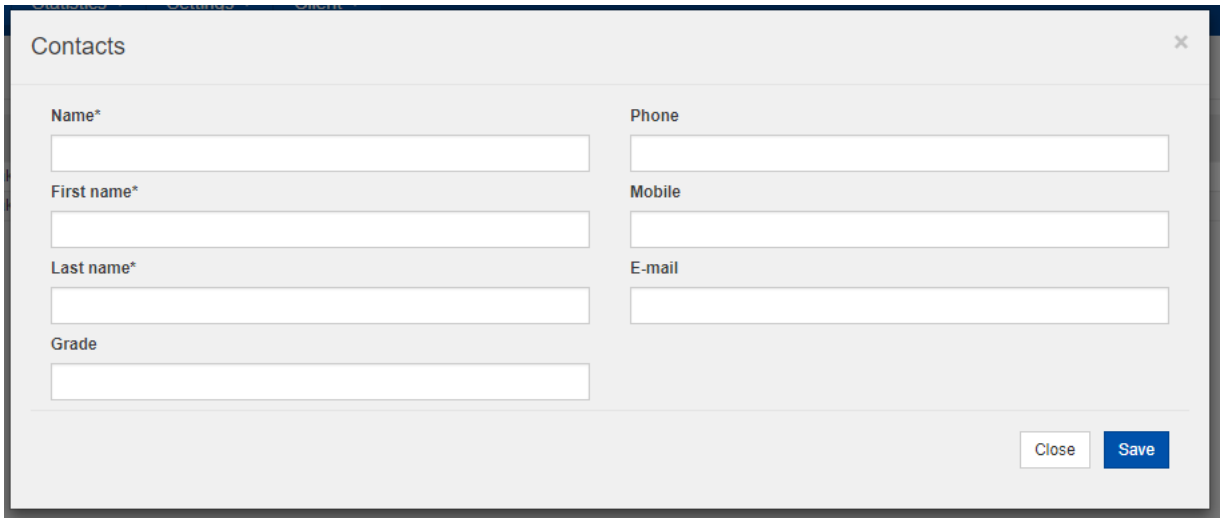
Contracts

Contract documentation.

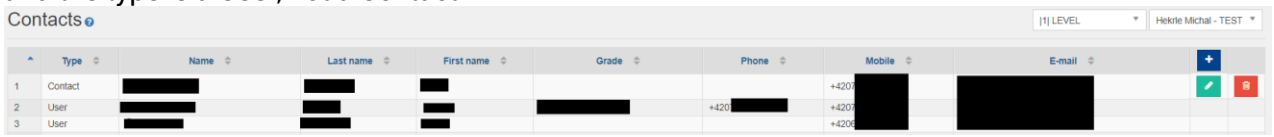
Contacts

List of users and customer contacts. In this tab, you can create additional contacts you need to add to notifications or automatic reporting.
The contacts created here do not have any passwords to the Positrex system and serve only for the needs of the contact information.

Creating new contact is via “plus” button . Enter all required data and click “save” button.

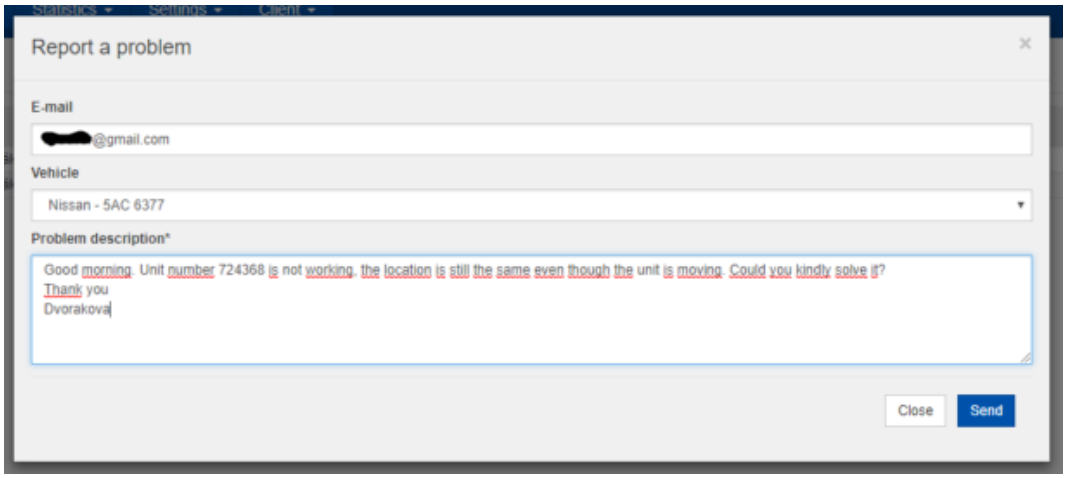


Created contacts can be edited via “edit” icon or deleted via “delete” icon .
In the Contacts section, you can edit only created contacts. User accounts are edited in the User Accounts section. You'll know everything by not seeing a “edit” or “delete” icon on your user account, and the type is a User, not a Contact.



Contact support

Report a problem
In the case of technical problems or questions about the functionality of Positrex, if you have wireless units you may use the Contact Support tab to describe your problem.



Unsolved problems
Once you have made a request, your question will be in the Unsolved problems section.

Resolved problems
After the request is resolved, the question will be solved in the Resolved problem section.