

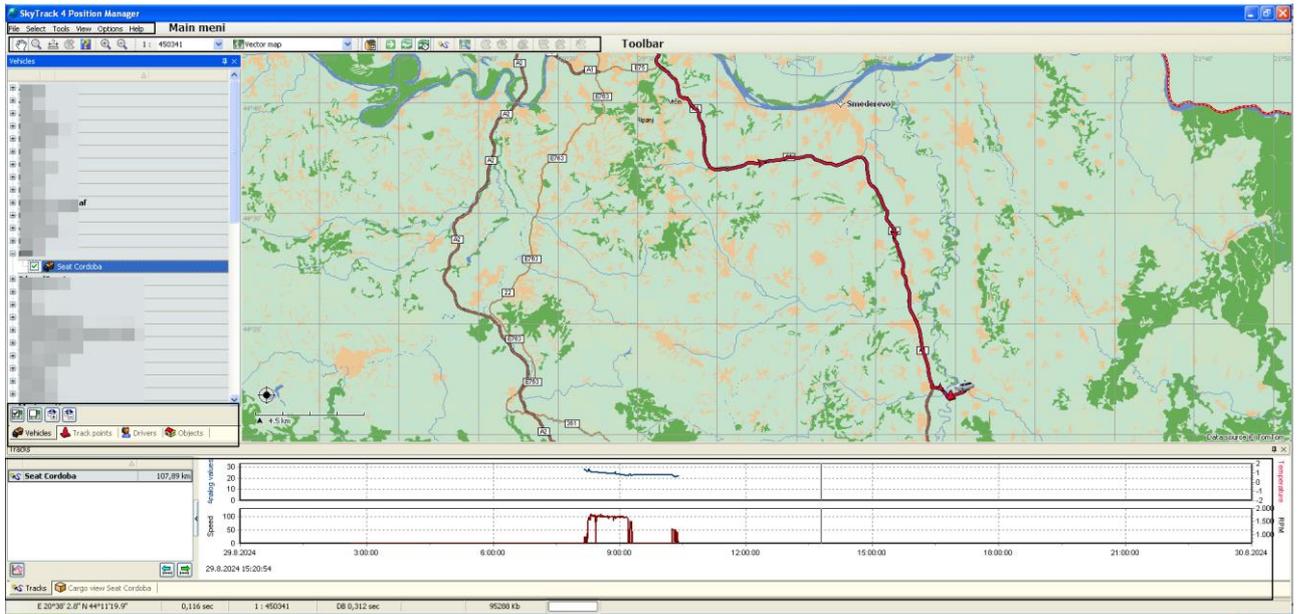
About the app

Position manager is an application that gives us insight into the current position of the vehicle, the movement of the vehicle, the history of the movement of the vehicle, a complete reconstruction of the event, as well as basic statistical data. Position manager enables:

- Tracking an unlimited number of vehicles.
- Vehicles can be organized into hierarchically divided groups.
- Monitoring of all desired events: place and duration of stops, starting/stopping the vehicle, opening/closing doors or valves, etc.
- Static and Dynamic reconstruction of vehicle movements and events.
- History tracking with all desired events highlighted.
- The possibility of entering geo-located objects of importance to the user.
- Ability to enter user zones.
- Ability to set and optimize user routes.
- Objects, zones and routes can be divided into hierarchically divided groups.
- Monitoring of driver performance.
- Delivery tracking.

Application layout

The appearance of the application is shown in the picture. Below the application name bar is the main menu. Below the main menu is a toolbar. On the left side of the screen there is an area with a list of vehicles, objects, zones, routes and others. At the bottom of the area are the TABs of everything that is pinned to the area. Any of the TABs can be dragged to the screen. You should click with the left mouse button on TAB, hold it and drag it to a free part of the screen. The return procedure is reversed. You need to click on the window header from the screen with the left mouse button, drag it to the area with tabs and release the button when it takes the desired place. In the middle part of the screen is a map of the area. On the right side there is information about the vehicle, current location, driver, load, temperature and measurement sensors, fuel consumption and odometer status. In the lower part of the screen there are data on the selected vehicle/vehicles, GPS mileage data for the selected period, the speed graph for the selected period and the Routes and Delivery TABs depending on whether we want to monitor the speed graph or the data about delivery.



Main menu



File

Changing the user's password

File - Change user password - Enter old password - OK - Enter new password - OK





Checking the request for changing the location of the objects

All objects located in the base are positioned at specific coordinates on the map. If the delivery is monitored on PDA devices and a situation arises where the delivery is confirmed from other coordinates, the system will offer to change the location of the object. If we have an object at a certain location and the delivery person confirms delivery every time from a location that is, for example, 200 meters away, the system will offer to change the location of the object to the location from which delivery is confirmed. The change does not have to be accepted, it is possible that the object's accessibility is difficult and that it is not possible to get closer with a vehicle. During the proposed change, it should be checked whether the object is positioned at the correct coordinates.

Position manager will inform the user every time the application is started that there are a certain number of unprocessed requests for changing the coordinates of the object.

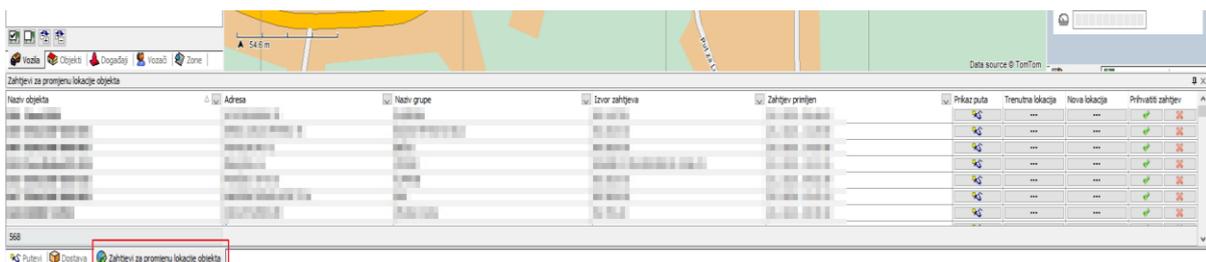


In order to display a notification when starting the application, it is necessary to check the option 'Display a warning if there are unprocessed requests to change object coordinates' in the system settings.

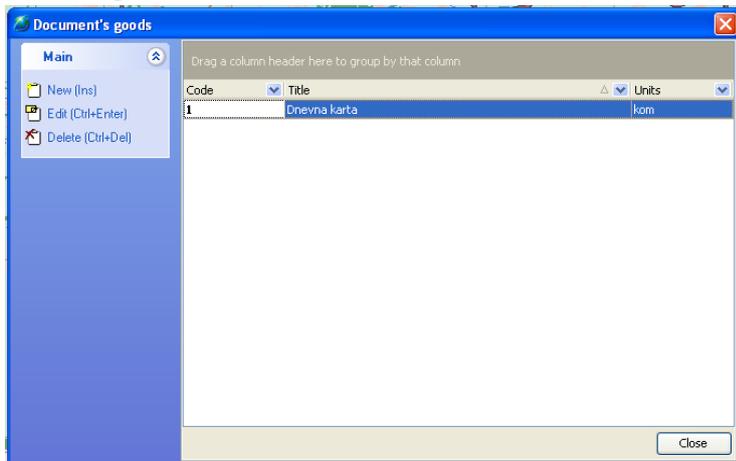
Options - Settings - System Settings - Show warning if there are unprocessed object coordinate change requests.

The window can be accessed even if the application is already active.

File - Verification of object location change requests.

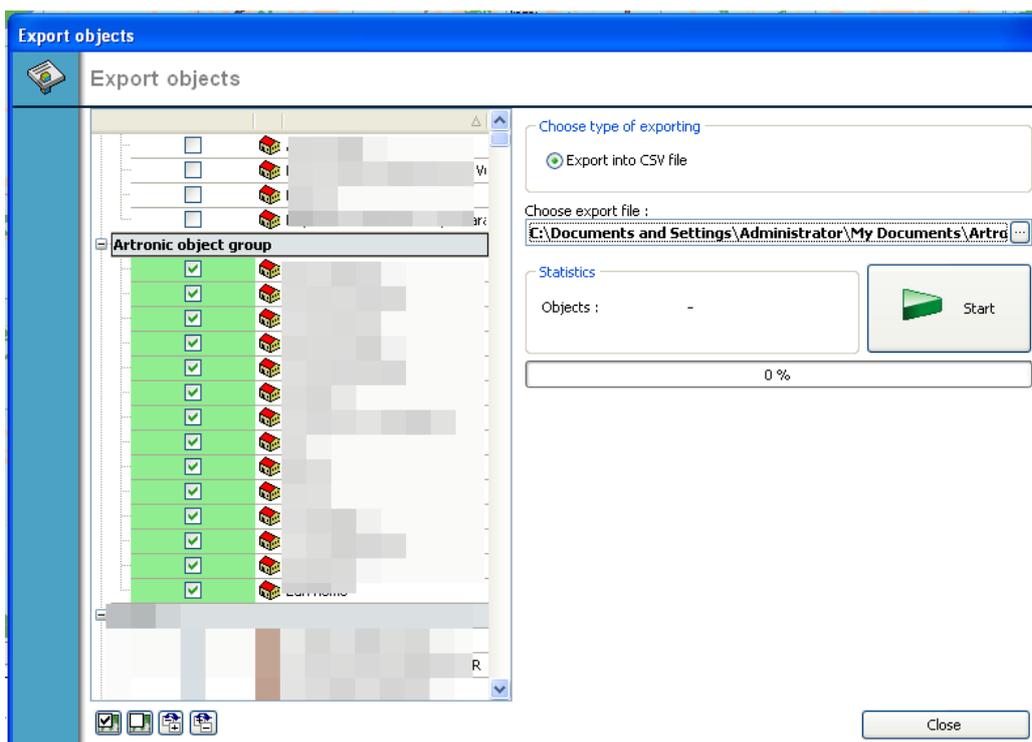


Code of goods and services

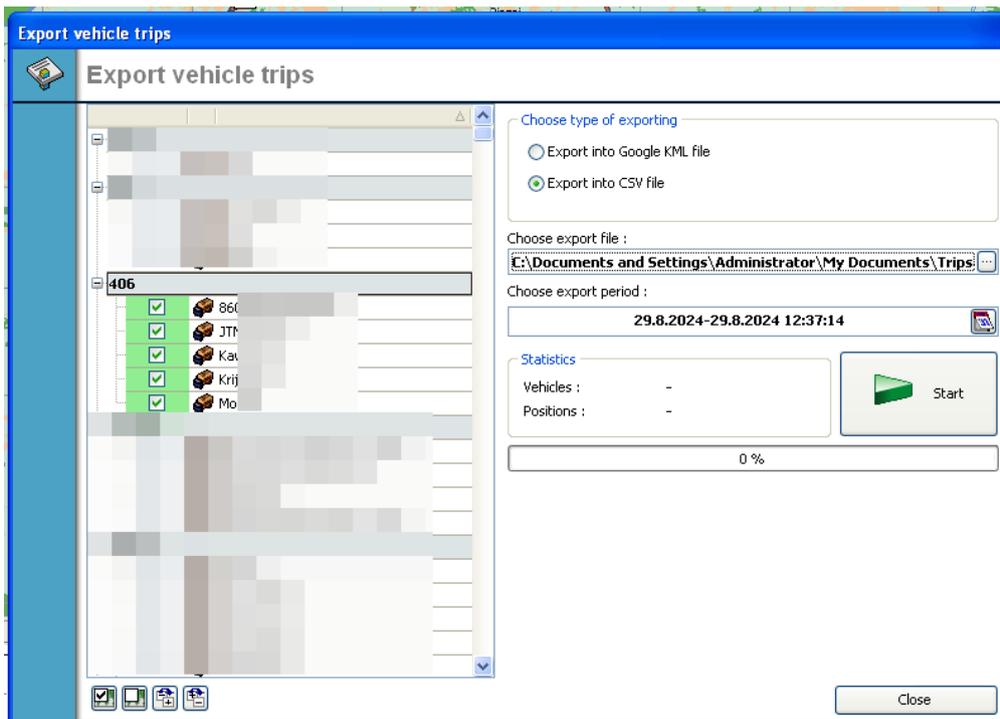


Export

Export - Export objects - Mark the objects you want to export to CSV - Choose the name of the file you want to export to - Start



Export - Export vehicle trips - Mark the vehicle and the period for which you want to export the trip - Choose the name of the file you want to export to - Start

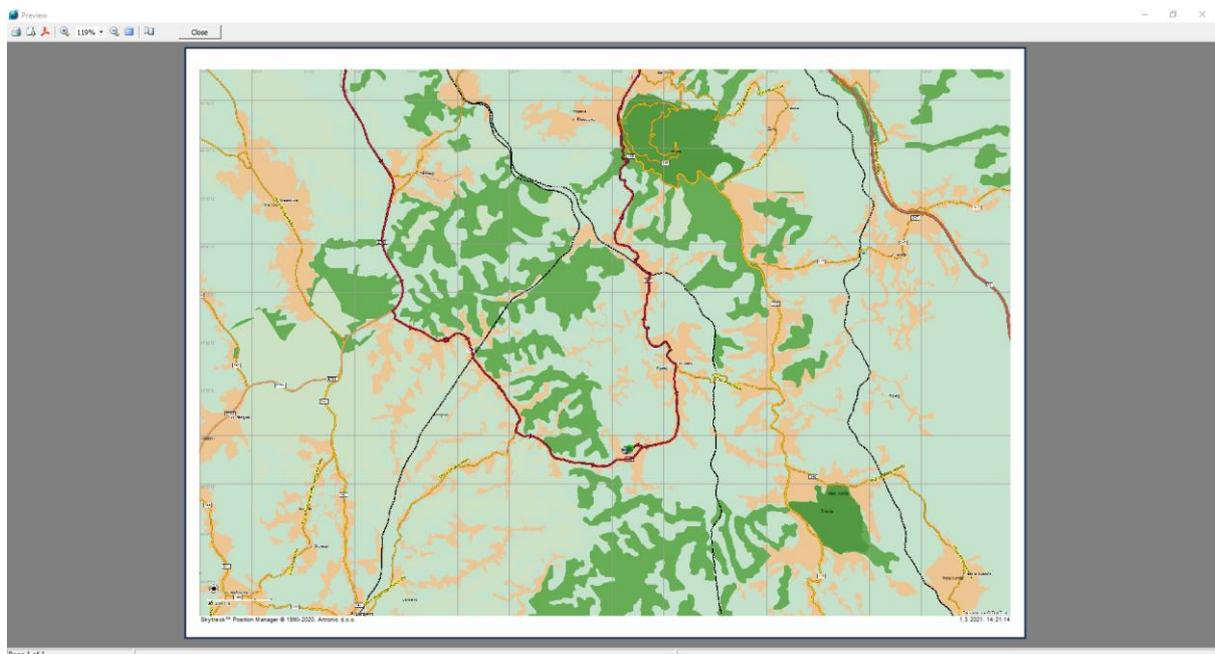


Exporting Vehicle Stops and exporting Zones can be done in an identical way.

Map printout

Print map prepares for printing the map currently displayed on the screen with additional options for Print, Export and Export to PDF

Map printing - Horizontal or Vertical - Format



Exit

The Exit option is used to close the Position manager application.

Selection

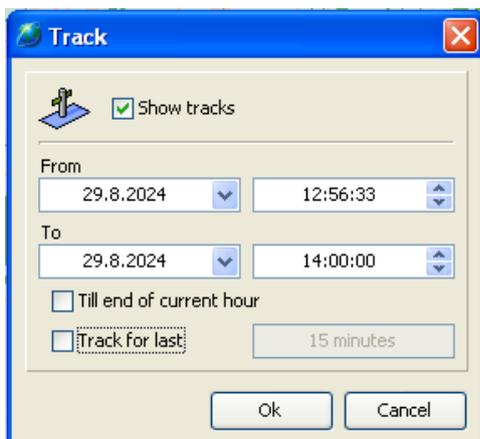
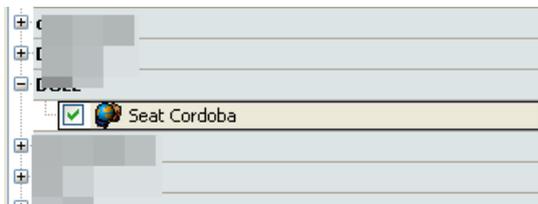
Show the track

In order to display the track for the vehicle, it is necessary to select the desired vehicle in the list of vehicles and select the Show track option.

Select - Show Track or use the Show Track option on the toolbar

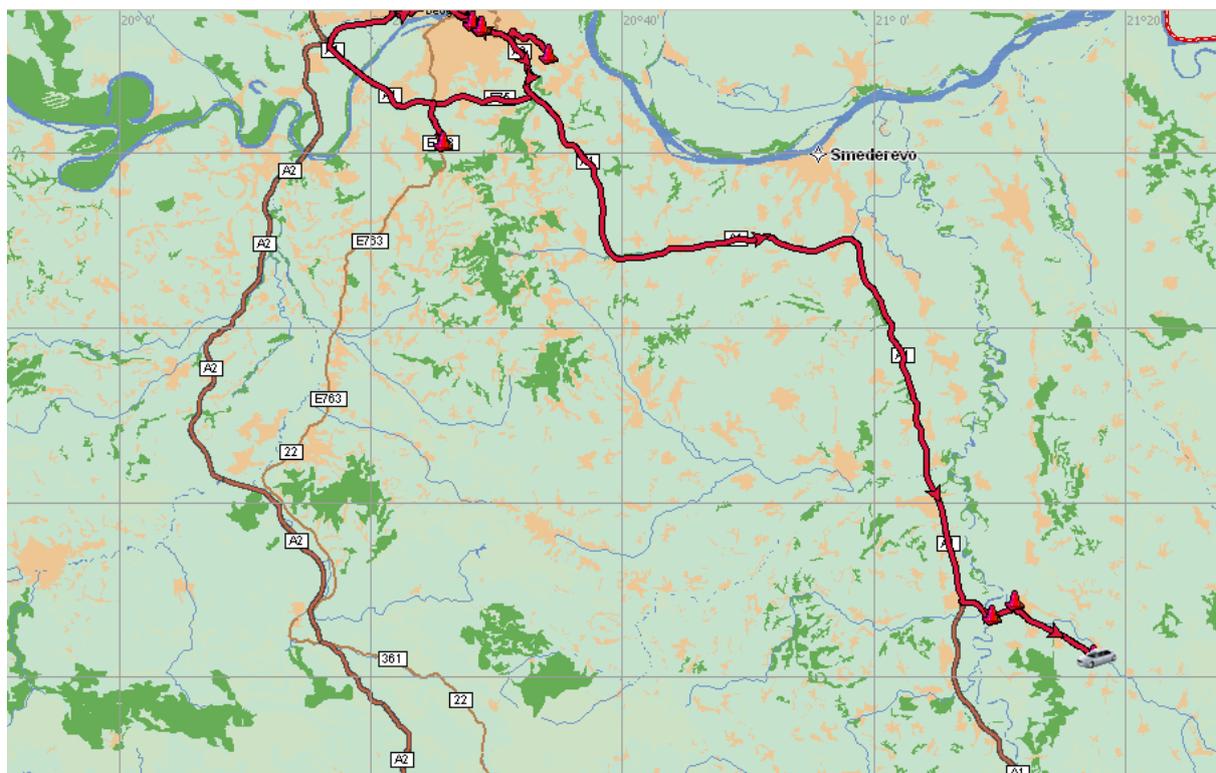
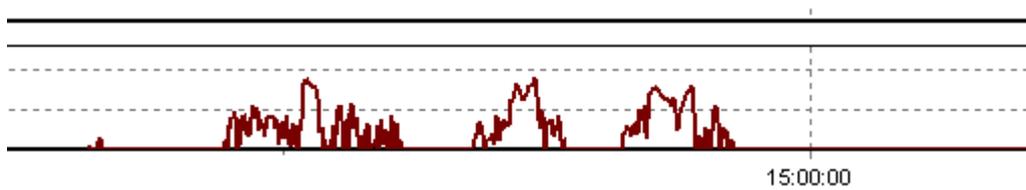
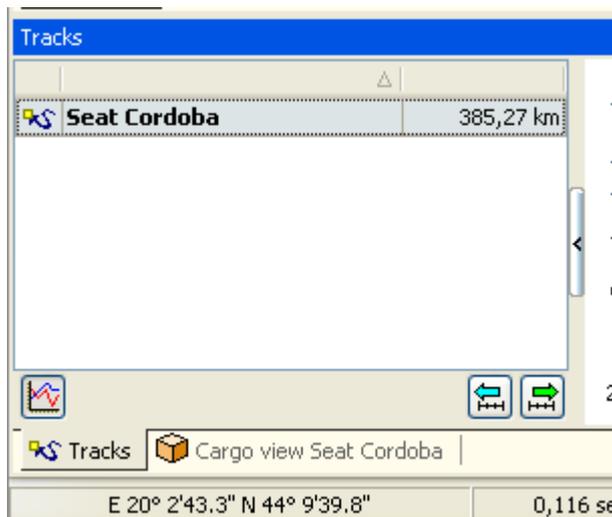


Select the vehicle - Show track - In the window that opens, you should set the beginning and end of the period for which you want the track - put a check mark next to Show track - OK



When we click OK, the route will be calculated for the given parameters and displayed on the map. The vehicle will appear in the list of selected vehicles in the lower left corner along with the GPS

mileage for the selected period. In the extension, the speed graph for the selected period will be displayed.



In the window for selecting the parameters of the track calculation, there are options **Till end of current hour** and **Track for last**, which are activated by placing a select in front of the option:

Tools

Pan

The Pan tool is used to move the map in all directions. Pan has an icon in the shape of a hand, click the left mouse button, hold and move in the direction you want. After moving, release the left mouse button.



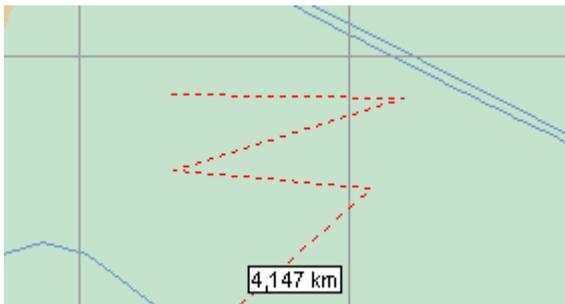
Zoom in

The Zoom tool is used to zoom in on the desired area. Click the left mouse button, hold down, frame the area you want to zoom in on, and release the mouse button.



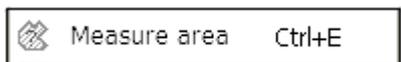
Measure distance

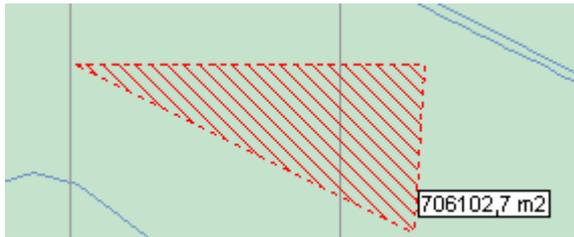
Measure Distance tool is used to measure the distance between two points on the map. Multiple points can be combined when measuring. Click on the starting point of the measurement with the left mouse button, release the mouse button and move to the next point. The distance will be shown as a dashed red line and the distance in kilometers as you move the mouse. If you combine several points on the second point, click the left mouse button, release and move to the third point, etc.



Measure the area

The Measure Area tool is used the same as the Measure Distance tool. The framed area is shown in square meters.





Info

The Info tool displays information about any entity on the map. When this tool is selected, the mouse cursor changes to a rectangle with a question mark in the lower right corner. The cursor should be positioned on the place about which you need to find out more information and a window with information will appear.



Zoom in and Zoom out

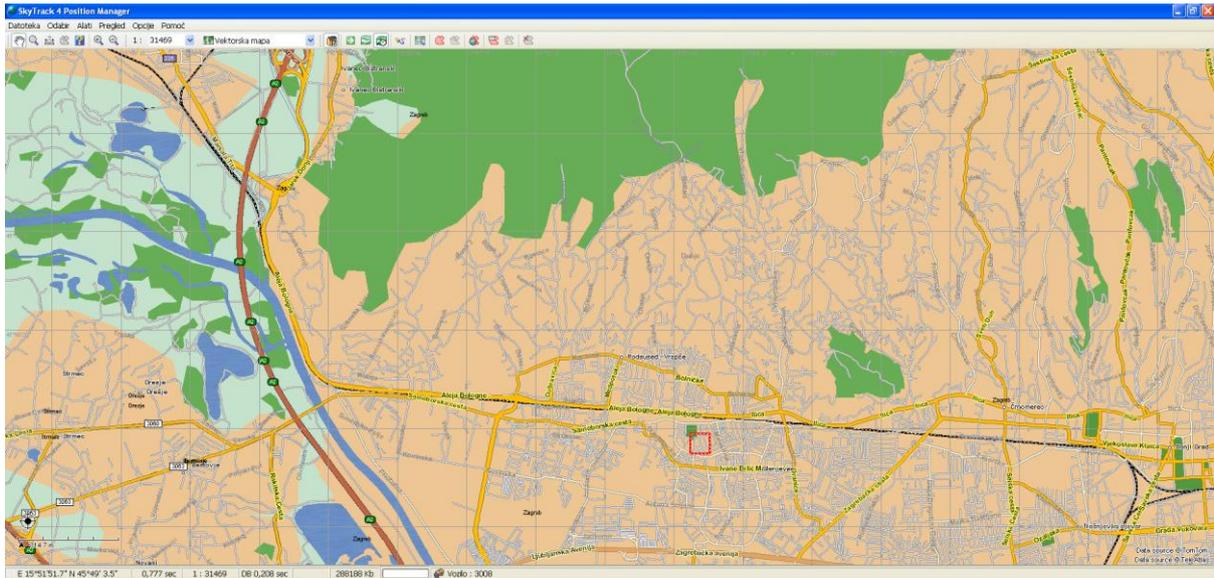
The Zoom In and Zoom Out options zoom in and out of the map view.



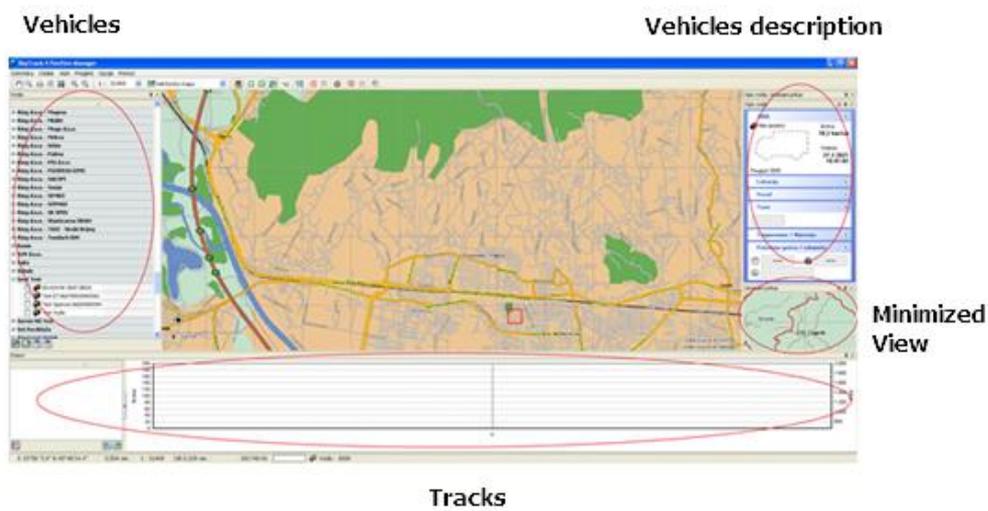
Overview

The overview contains options for visual adjustment of the application. Options are activated and deactivated with a mouse click.

The appearance of the application without activated options in the preview is shown in the image.



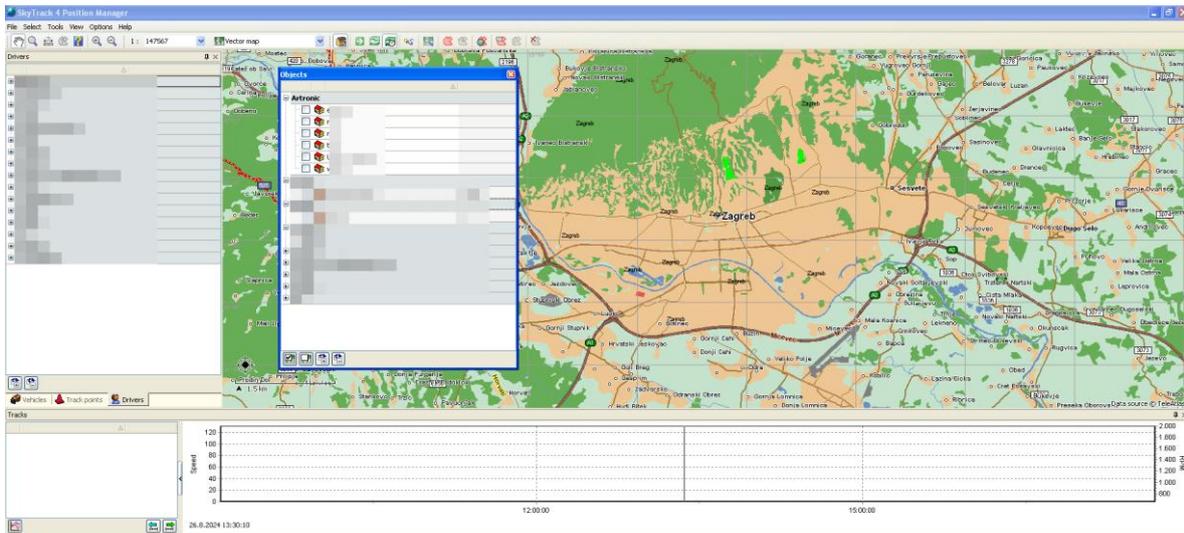
By activating the options Vehicles, Vehicle description, Roads and Minimized view, we get the standard appearance of the Position manager application.



Clicking on the Objects, Events, Drivers and Zones options activates the TABs next to the vehicle TABs. By clicking on the desired TAB, a list of Objects, Events, Drivers and Zones is displayed.

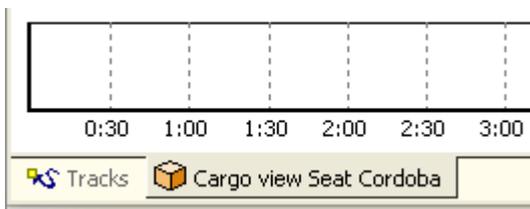


Any TAB can be dragged to the screen. Click on TAB with the left mouse button, hold it down, drag TAB to the desired place on the screen and release the mouse button.



The return procedure is reversed. With the left mouse button, click on the TAB header, hold it, drag it to the place with TABs, and when it occupies the desired place, release the button.

By clicking on the Delivery option next to the Routes TAB, the Delivery TAB is activated, where deliveries can be tracked.



Options

Refresh vehicles

The refresh vehicle option is used to refresh the position and tracks of vehicles.



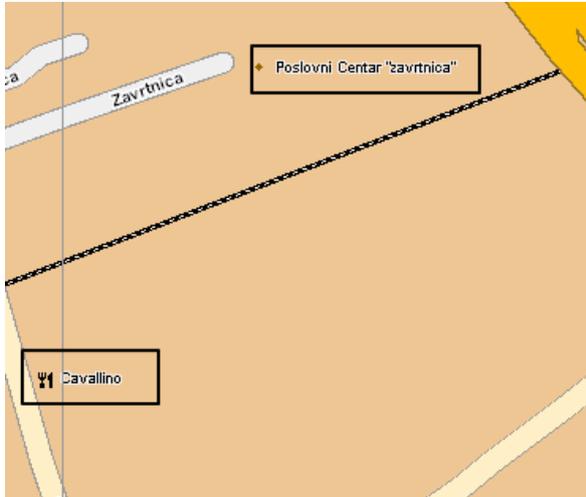
The option is also on the toolbar.



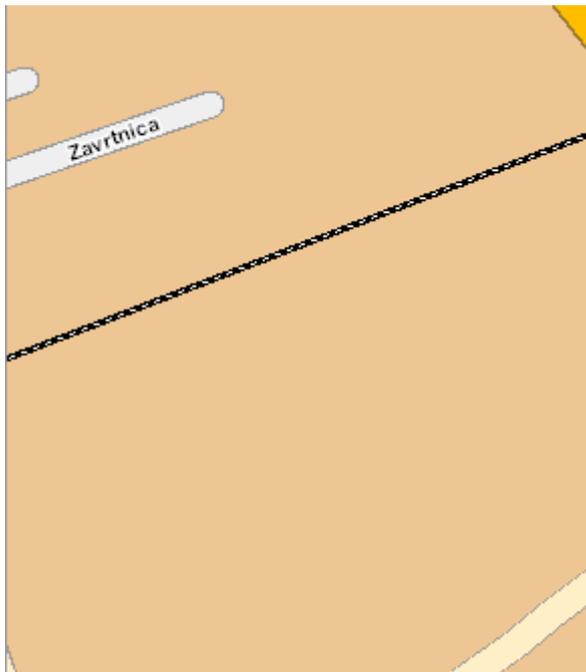
POI display

The Display POI option is used to display the Point Of Interest on the map.

Show POI option activated



Show POI option disabled



The option is also on the toolbar.



Settings

Settings are activated by checking the box in front of the option. They are deactivated by unchecking the box in front of the option.

General settings

Fill in the background

By checking this option, the background with no entities on the map will be filled. The background on the minimized view will also be filled.



Display of country borders

By checking this option, borders between countries will be displayed on the map.





Display of the area of the cities

Checking this option will show the city areas on the map.



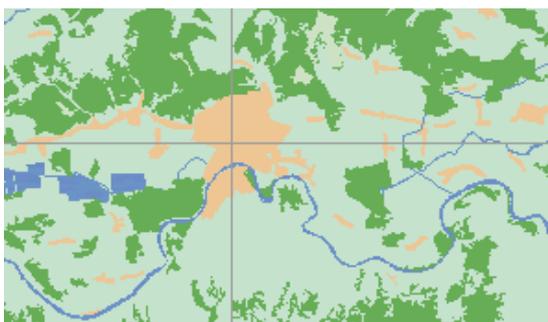
Display of roads

Checking this option will show the roads on the map.



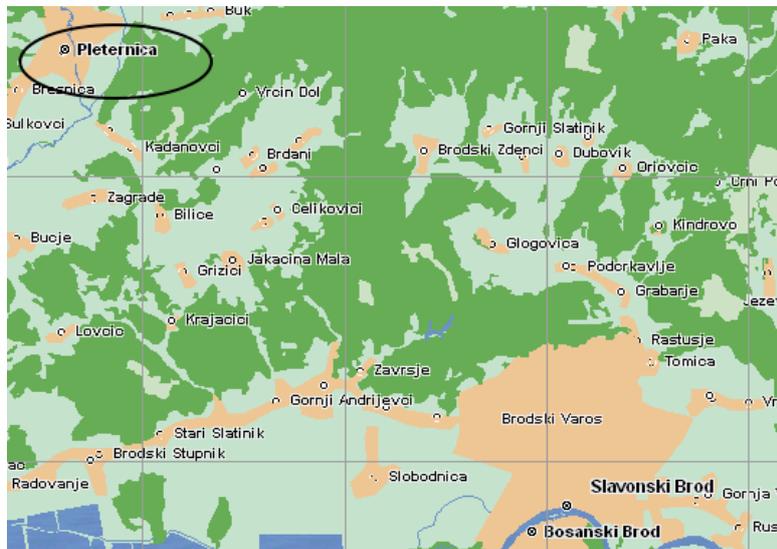
Display of cities > 100,000 inhabitants

By checking this option, the names of cities with more than 100,000 inhabitants will be displayed.



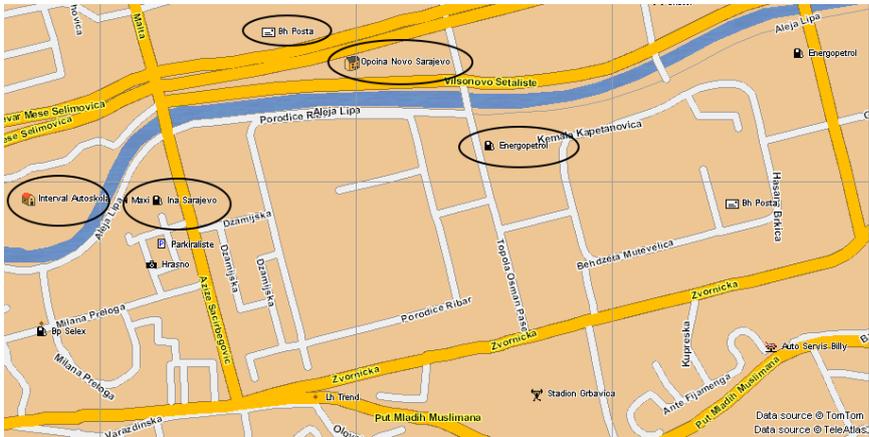
Display of cities with 10,000 - 50,000 inhabitants

By checking this option, the names of cities from 10,000 to 50,000 inhabitants will be displayed.



POI display

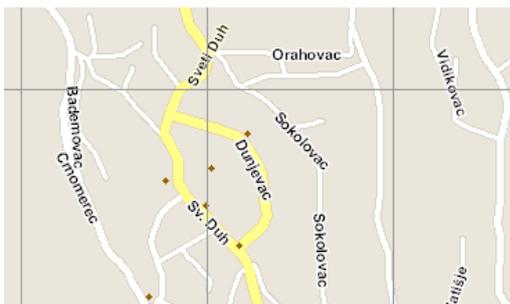
Selecting this option will show the Point Of Interest on the map.



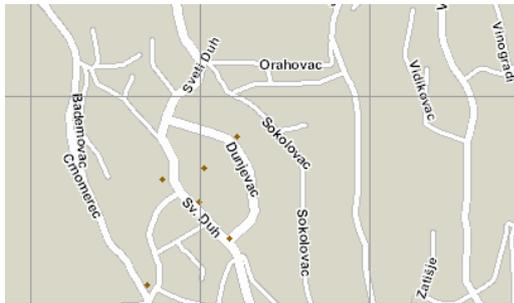
Color scheme 1



Color scheme 2

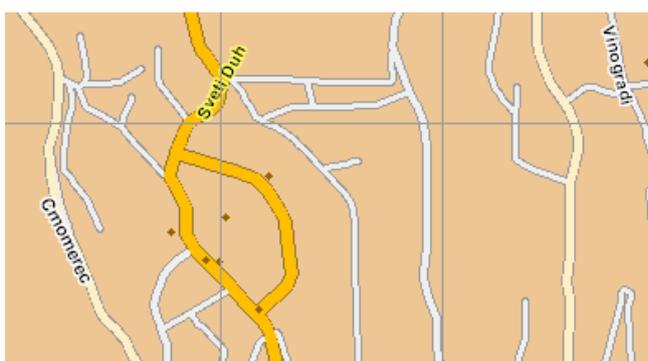
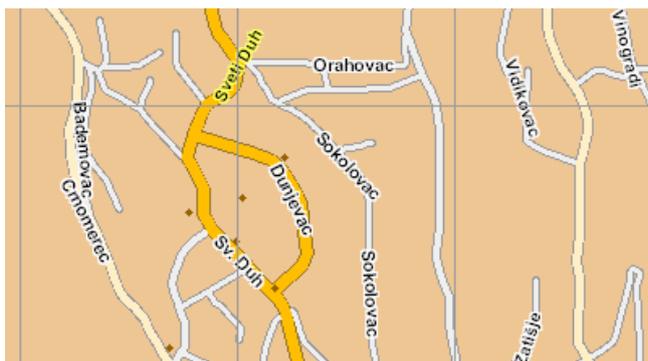


Color scheme 3



Level of detail

The level of detail shows the details on the map. If it is closer to 100, the map is more detailed. If it is closer to 1, the map is with less detail.



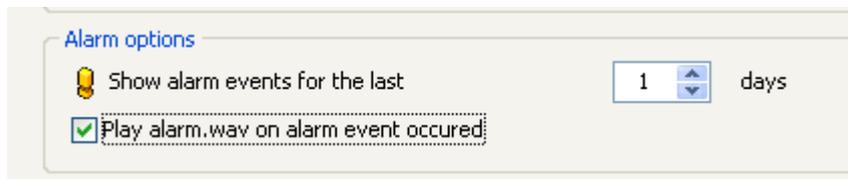
Transparent Info tool

By checking this option, the info tool will be transparent.



Alarm settings

Option to display alarm events for the desired number of days. If you want the alarm event to be displayed with sound, check the Show alarm event with sound option.



User objects

Refresh vehicles

This option is used to automatically refresh the vehicle position. The refresh time can be adjusted.

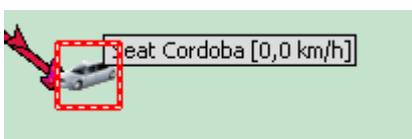


In order for the option to be active, you need to set the time and select it. It is also necessary to activate the Automatic periodic refresh option located on the toolbar. The option is activated and deactivated with a mouse click.



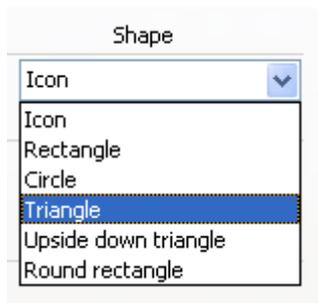
Show vehicle labels

Activating this option will display the vehicle label or registration next to the vehicle icon.



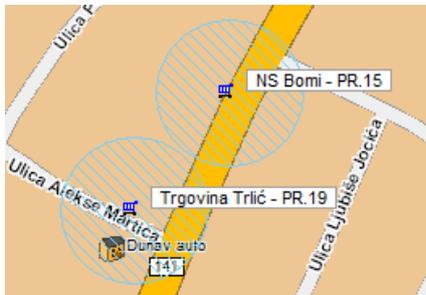
Shape

This option allows to change the display of the shape of the vehicle. The shape can be selected from the drop-down list.



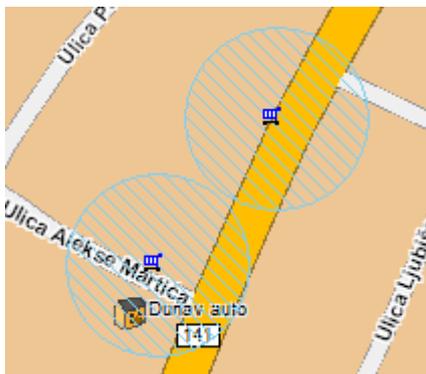
Show object name

Activating this option will display the name of the object.



Show object zones

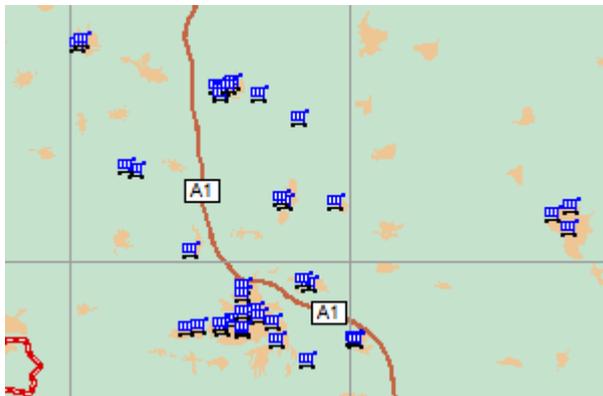
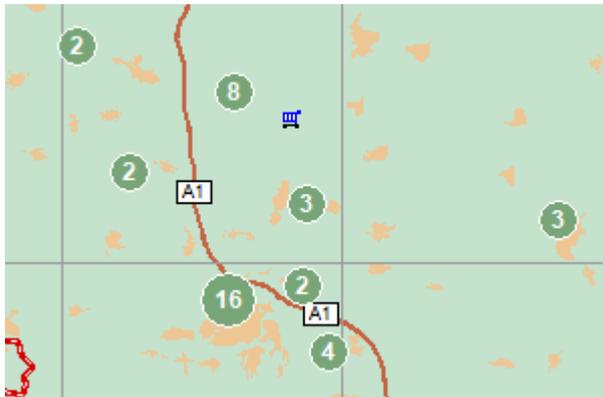
Activating this option will display the size of the object zone.





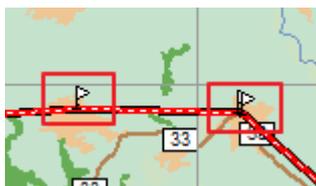
Grouped display of objects (Clustering)

Activating this option will enable a grouped view of objects when viewing a larger area on the map. The number in the circle shows how many objects are in the area.



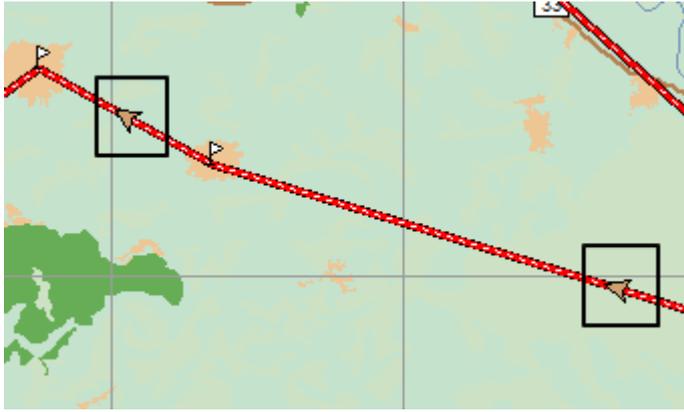
Display of flags at the main points of the routes

Activating this option will enable the display of flags at the main waypoints of the routes.



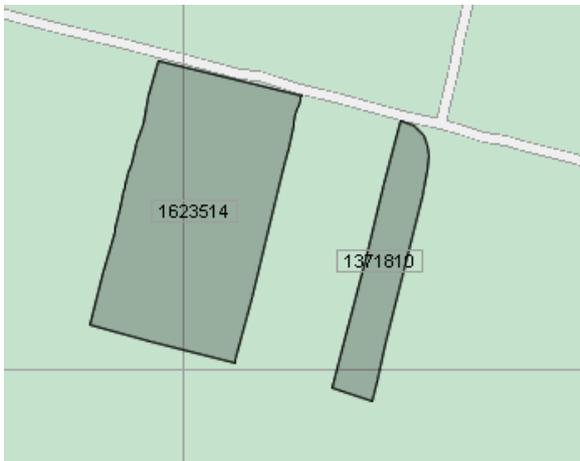
Display the direction of the route

Activating this option will enable the route direction to be displayed.



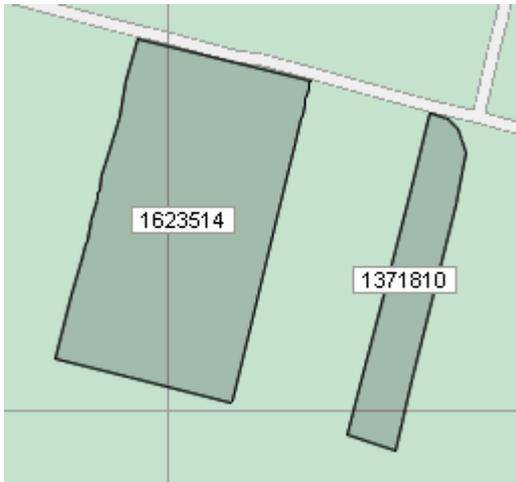
Display of user zone names

Activating this option will display the user zone names.



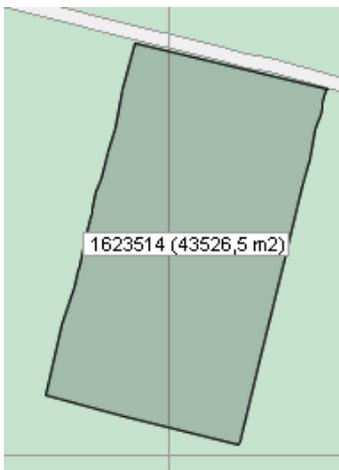
The filled background names the zone on the map

Activating this option will fill the background of the zone name on the map.



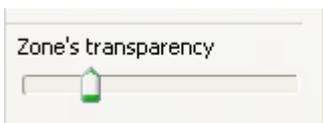
Display of the area of the zone in the name on the map

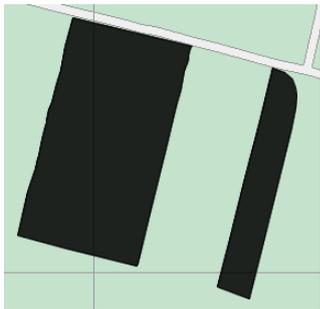
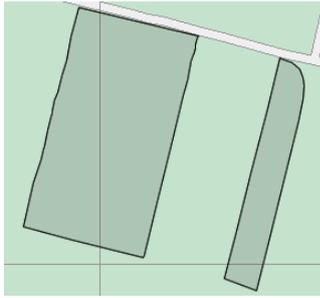
Activating this option will enable displaying the area of the zone in the name on the map. The area is shown in square meters.



The transparency of the zone display

The transparency of the zone display can be adjusted as desired.





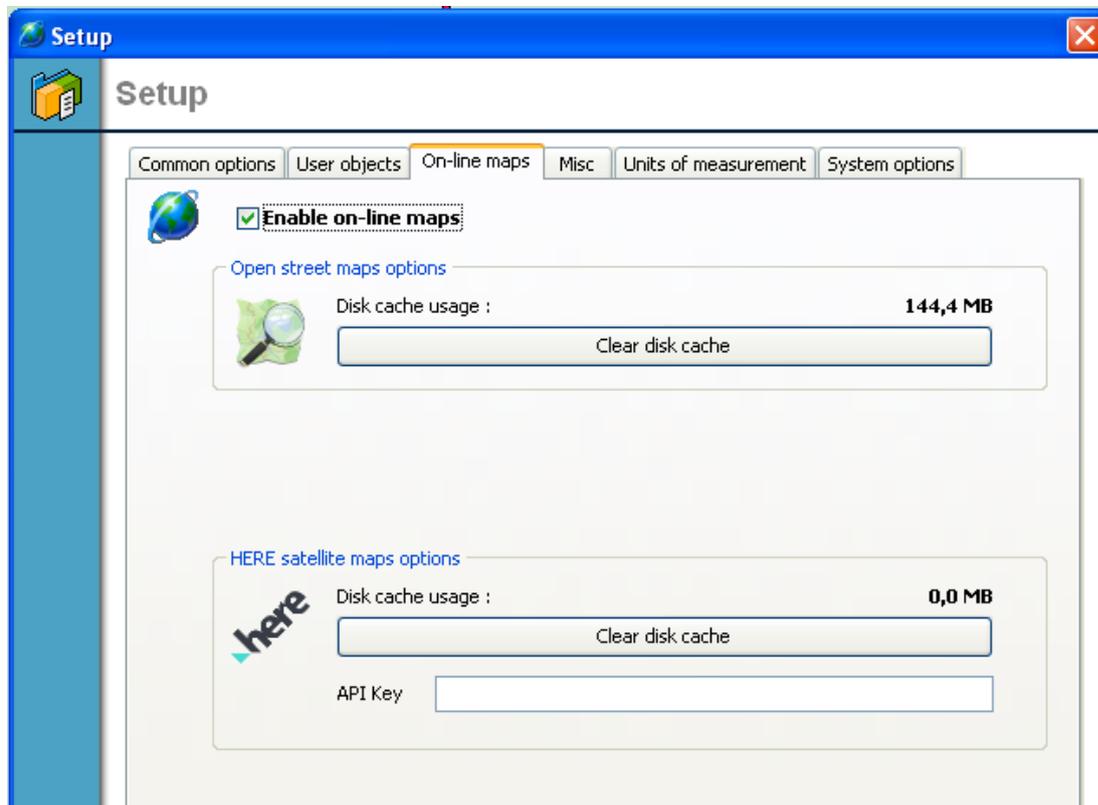
Event Objects

Checked event objects will be displayed on the vehicle path. Checking the name will display the name next to the path object. The shape of the road object can be selected from the drop-down list.

Event objects		Show	Labels	Shape
	<input checked="" type="checkbox"/> Stop points when speed is 0 km/h more then (sec.)	90	<input type="checkbox"/> Show	Icon
	<input type="checkbox"/> Motor Off points		<input checked="" type="checkbox"/> Show	Icon
	<input type="checkbox"/> Motor On points		<input type="checkbox"/> Show	Icon
	<input type="checkbox"/> Engine points		<input type="checkbox"/> Show	Icon
	<input checked="" type="checkbox"/> Status points		<input type="checkbox"/> Show	Icon
	<input type="checkbox"/> MicroBox points		<input type="checkbox"/> Show	Icon
	<input type="checkbox"/> RF ID points		<input type="checkbox"/> Show	Icon
	<input type="checkbox"/> Document points		<input type="checkbox"/> Show	Icon

Online maps

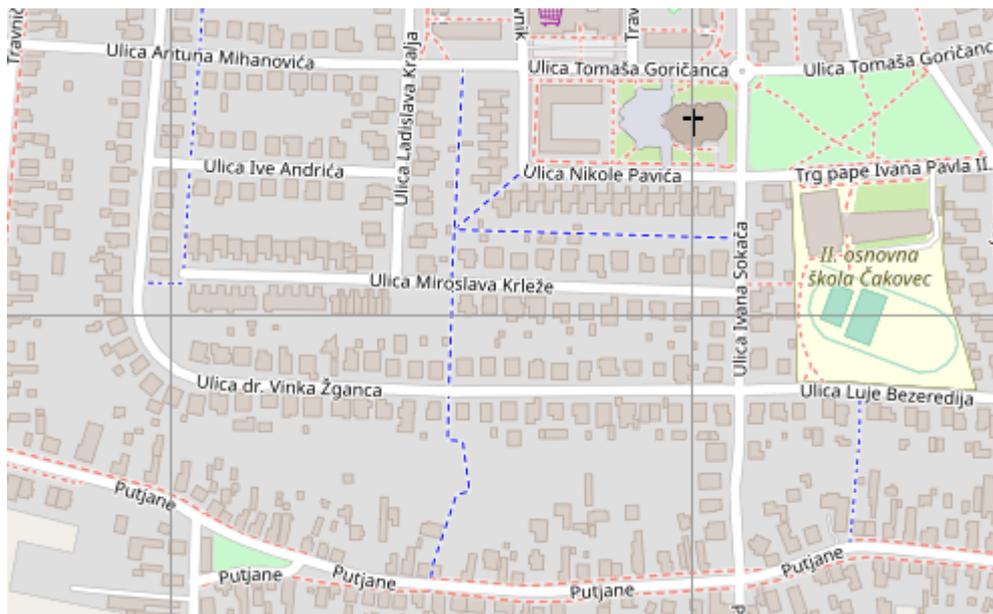
To enable the use of online maps, it is necessary to select the Enabled use of online maps option. Open street maps and Here maps are available.



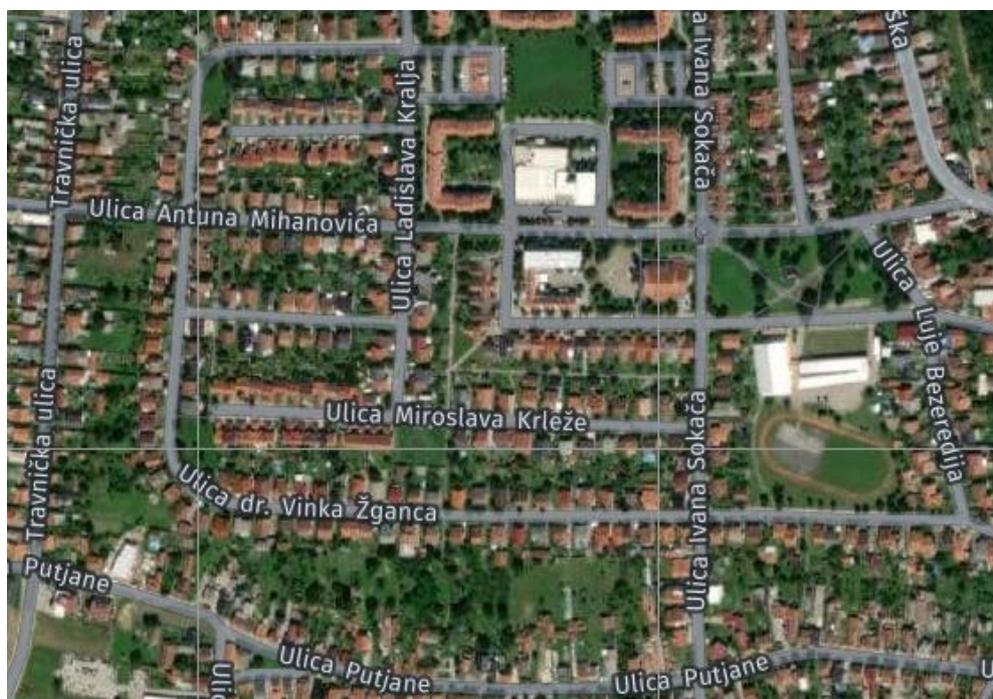
Vector map



Open street map



HERE map

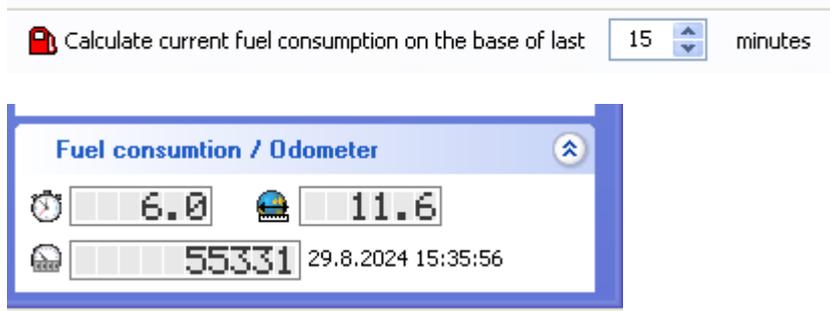


Here maps require creating an account and creating an API. You can get instructions from support colleagues, support@artronic.net or support@skytrack.net.

Additionally

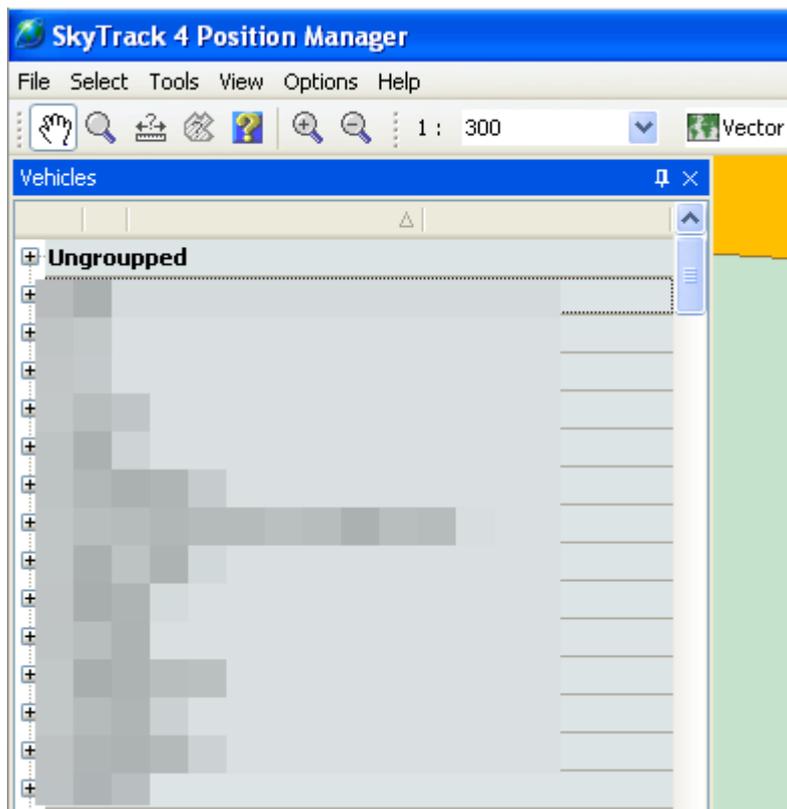
Calculation of current fuel consumption based on the last X minutes

Activating this option will refresh the consumption calculation in the vehicle information for the desired number of minutes.



Show the Ungrouped first in the list.

Activating this option will show the ungrouped first in the list.



Turning the map in the direction of travel of the currently selected vehicle

Activating this option will allow the map to be rotated in the direction of movement of the currently selected vehicle.

Show colors of vehicles in the list

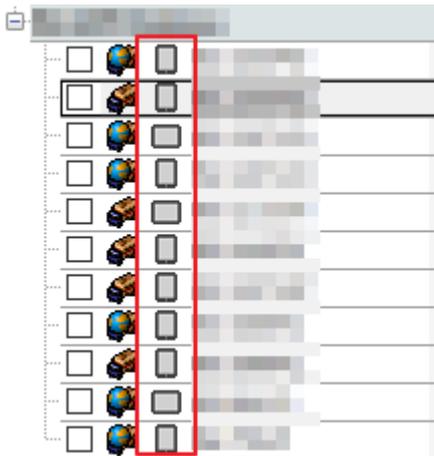
Activating this option will show colors in the vehicle tree. The colors shown are the road colors selected in the vehicle settings.



Selected vehicle road color - Right-click on the vehicle - Vehicle properties - From the display, select the desired color from the offered color palette.

Show column of assigned handheld terminal in the tree

Activating this option will display the assigned handheld terminal in the vehicle tree.



Show column of company name in the tree

Activating this option will show the Company name in the tree.

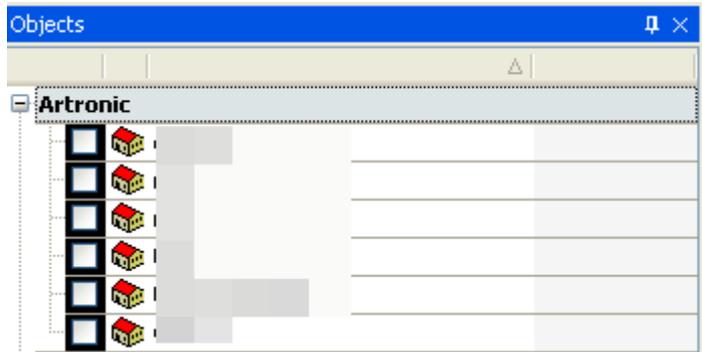
Show column of logged driver in the tree

Activating this option will show the name and surname of the driver logged to the vehicle in tree.



Color display of objects in the list

Activating this option will show colors in the object list. The colors shown are the colors selected in the object settings.



Show only active objects in the tree

Activating this option will show only active objects in the object tree.

Show colors of routes in the tree

Activating this option will show route colors in the route tree.

Show colors of zones in the tree

Activating this option will show zone colors in the zone tree.



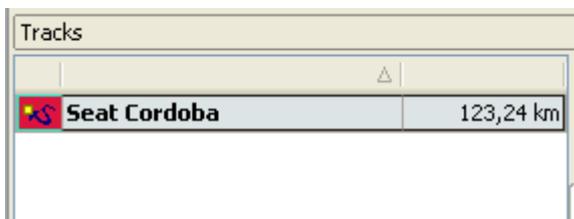
Show area of zones in the tree

Activating this option will show zone areas in the zone list. The area of the zones is shown in square meters.

<input type="checkbox"/>			3258,8 m2
<input type="checkbox"/>			11282,2 m2
<input type="checkbox"/>			7228,8 m2
<input type="checkbox"/>			2955,1 m2
<input type="checkbox"/>			815,1 m2
<input type="checkbox"/>			5824,7 m2
<input type="checkbox"/>			1188,3 m2
<input type="checkbox"/>			4220,5 m2

Show colors of tracks in the tree

Activating this option will show road colors in the list of selected vehicles.



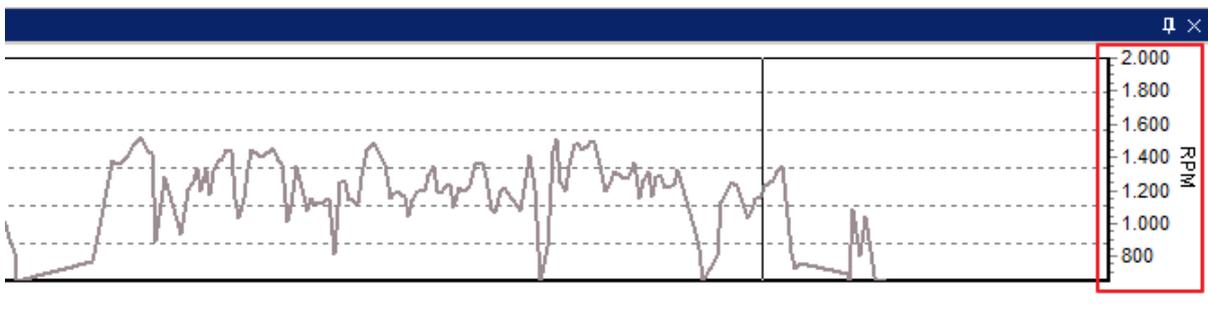
Show track point labels on the timeline

Activating this option will show track point labels on the timeline.



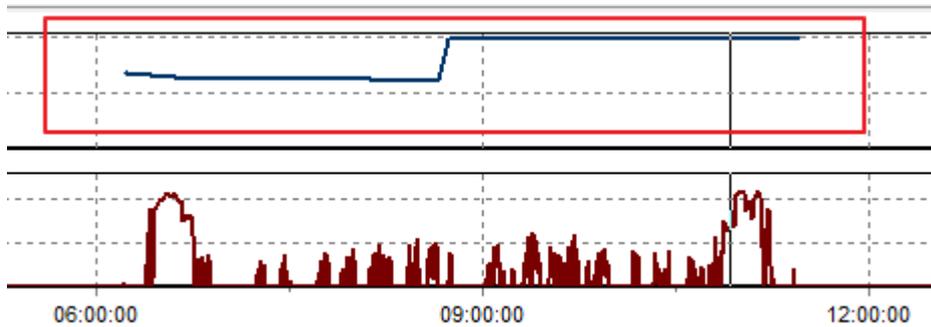
Show RPM data on the track chart

Activating this option will show rpm data on the track chart.



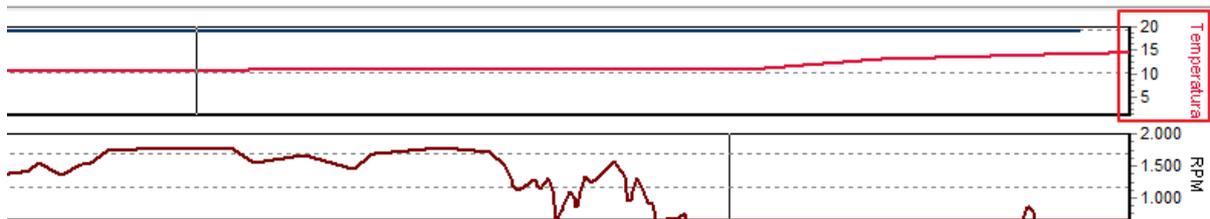
Show analog values on the track chart

This option will show analog values on the track chart.



Show temperature values on the track chart

This option will show temperature values on the track chart.



Show colors of events in the tree

Activating this option will show colors of events in the tree.

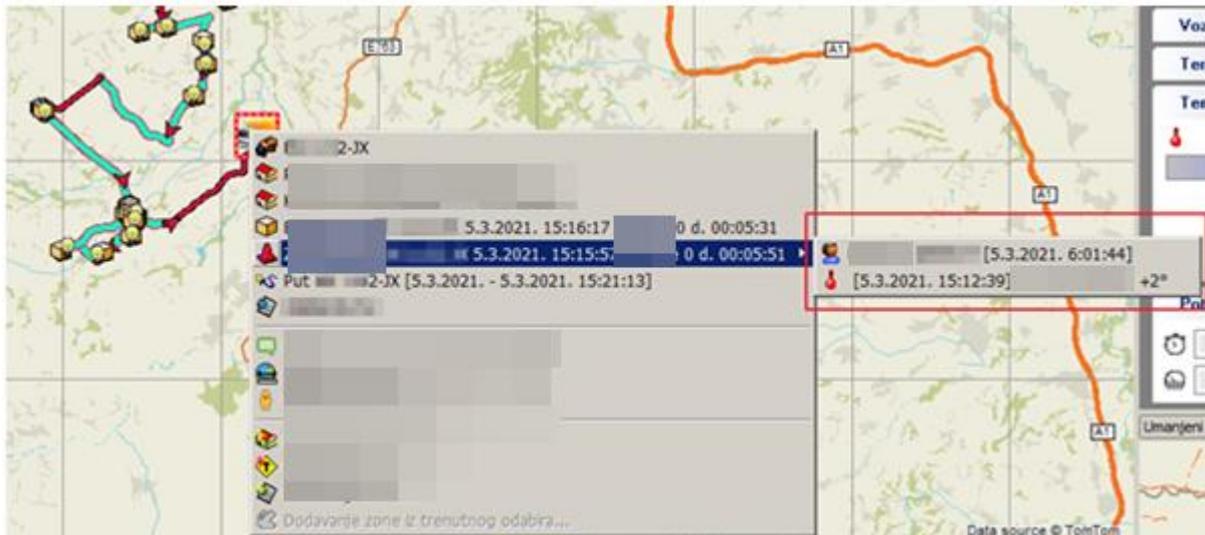
The screenshot shows a software interface with a tree view of events. The events are grouped into three categories: 'Test E7 866795030969362', 'Test Sparrow 868204003946570', and 'Test'. Each event entry includes a date and time, and a duration. The events are marked with colored icons (red and blue) on the left side of the tree view.

Event ID	Date/Time	Duration
Test E7 866795030969362	5.3.2021. 11:34:21	0 d. 02:44:36
Test E7 866795030969362	5.3.2021. 10:57:52	0 d. 00:07:56
Test E7 866795030969362	5.3.2021. 10:31:23	0 d. 00:02:19
Test E7 866795030969362	5.3.2021. 9:08:09	0 d. 01:22:40
Test E7 866795030969362	5.3.2021. 8:34:50	0 d. 00:01:43
Test E7 866795030969362	5.3.2021.	0 d. 08:30:34
Test Sparrow 868204003946570	5.3.2021. 11:34:05	0 d. 02:44:52
Test Sparrow 868204003946570	5.3.2021. 11:07:00	0 d. 00:02:25
Test Sparrow 868204003946570	5.3.2021. 10:57:53	0 d. 00:07:57
Test Sparrow 868204003946570	5.3.2021. 10:31:22	0 d. 00:02:20
Test Sparrow 868204003946570	5.3.2021. 9:08:18	0 d. 01:22:54
Test Sparrow 868204003946570	5.3.2021. 8:34:49	0 d. 00:01:45
Test Sparrow 868204003946570	5.3.2021.	0 d. 08:30:47
Test	5.3.2021. 11:34:05	0 d. 02:44:52
Test	5.3.2021. 11:07:00	0 d. 00:02:25
Test	5.3.2021. 10:31:25	0 d. 00:02:20
Test	5.3.2021. 9:08:08	0 d. 01:23:13
Test	5.3.2021. 8:34:49	0 d. 00:01:44
Test	5.3.2021.	0 d. 08:30:47

Show driver login at the stop event beginning in popup menu

Activating this option will show driver login at the stop event with beginning in popup menu.

Select the vehicle - Select the track - Right click on the stop event - An information menu will open - position the mouse cursor on the stop event - A popup menu will open with information about the driver login.



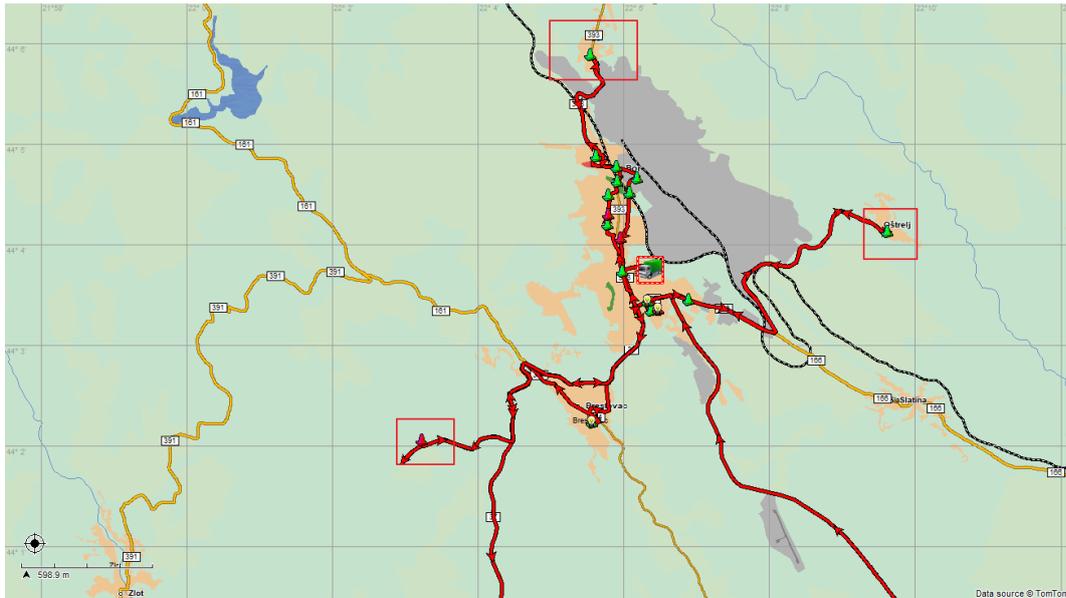
Show temperature at the stop event beginning in popup menu

Activating this option will show temperature at the stop event in the popup menu.

The example and procedure are as in the picture above, to show login driver with the stop event in the popup menu.

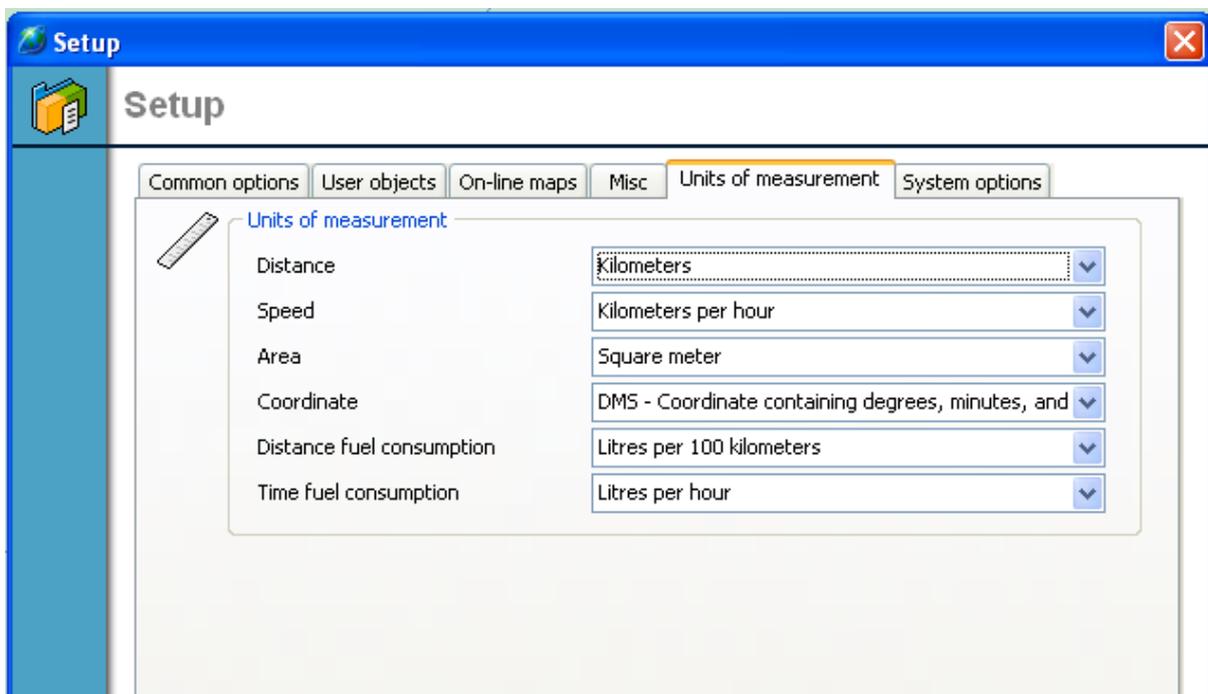
Highlight stops at delivery objects

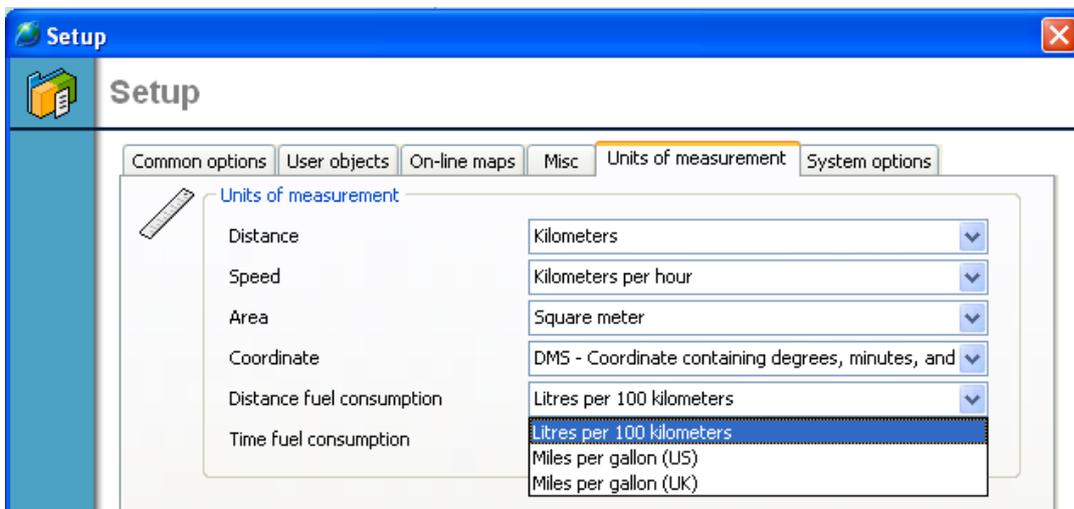
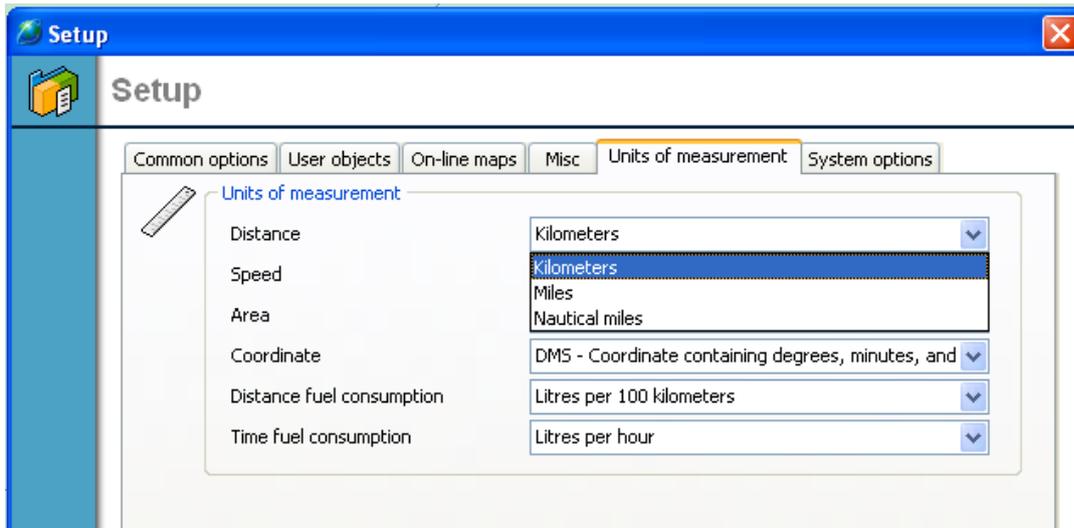
Activating this option will show stops in a different color at the object of the delivery plan.



Units of measurement

Units of measurement can be adjusted to the region. It is necessary to select the appropriate units of measurement from the drop-down list.

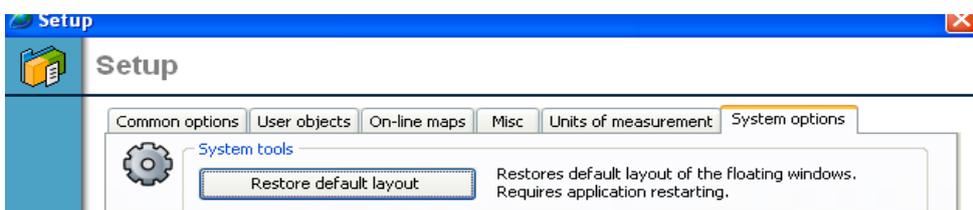




System options

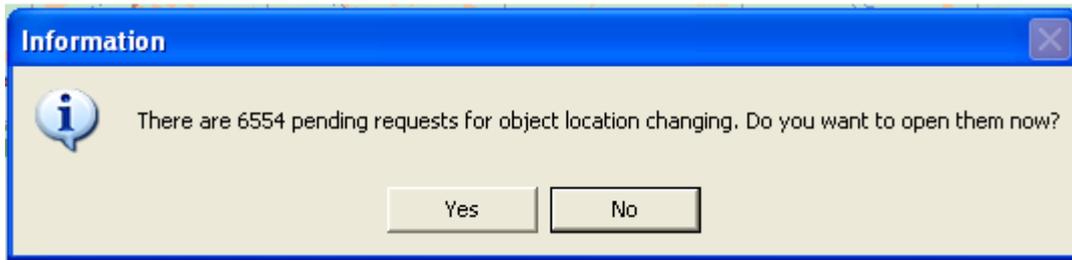
Restore default layout

The initial layout of the windows can be restored at any time. The option requires a restart of the application.



Show warning for pending requests to change object location

Checking this option will notify when starting the application that there are pending requests to change object coordinates.



Show all drivers logged at the real beginning of the trip

Activating this option will show all logged drivers at the real beginning of the trip.



Highlight temperature out of range

Activating this option will highlight temperatures outside the range in red.



A screenshot of a data table with a "Temperatura" column. The values in this column are: +10°, +10°, +10°, +10°, +10°, +10°, +10°, +10°. The values +10°, +10°, +10°, and +9° are highlighted in red.

							Temperatura	
						0° : +30°	+10°	
						0° : +4°	+10°	
						0° : +30°	+10°	
						0° : +4°	+10°	
						0° : +30°	+10°	
						+10° : +20°	+9°	
						0° : +30°	+9°	

Display of bins

Specifying the show of bins in the Position manager application. In the drop-down list, you can select the desired view.

RFID no tag	 
RFID unknown tag	 
RFID known tag	 

Help

Check maps for updates

Help - Check maps for updates - Check for updates - Wait a few seconds - The system will show the versions of maps available for update - In the selection, check the maps you want to update - Update the selected maps.

Map update



Check for updates

Update selected

Map name	Installed version	Address space	Map copyright	Available version	Size	Select
ALB	2024.06	✔	Data source © TomTom			<input type="checkbox"/>
BIH	2010.06		Data source © TeleAtlas			<input type="checkbox"/>
BND	2017.09		Data source © TomTom			<input type="checkbox"/>
HRV	2010.06	✔	Data source © TeleAtlas			<input type="checkbox"/>
MKD	2010.06		Data source © TeleAtlas			<input type="checkbox"/>
OUT	2008.04		Data source © TeleAtlas			<input type="checkbox"/>
SRB	2021.12	✔	Data source © TomTom			<input type="checkbox"/>
SYN	2008.07	✔	Data source © TeleAtlas			<input type="checkbox"/>
XKS	2021.12	✔	Data source © TomTom			<input type="checkbox"/>

Please, quit all SkyTrack applications before starting update process.

Close

Map update



Check for updates

Update selected

Map name	Installed version	Address space	Map copyright	Available version	Size	Select
ALB	2024.06	✔	Data source © TomTom			<input type="checkbox"/>
BIH	2010.06		Data source © TeleAtlas	2024.06	47.98 MB	<input checked="" type="checkbox"/>
BND	2017.09		Data source © TomTom			<input type="checkbox"/>
HRV	2010.06	✔	Data source © TeleAtlas			<input type="checkbox"/>
MKD	2010.06		Data source © TeleAtlas			<input type="checkbox"/>
OUT	2008.04		Data source © TeleAtlas			<input type="checkbox"/>
SRB	2021.12	✔	Data source © TomTom			<input type="checkbox"/>
SYN	2008.07	✔	Data source © TeleAtlas			<input type="checkbox"/>
XKS	2021.12	✔	Data source © TomTom			<input type="checkbox"/>

Please, quit all SkyTrack applications before starting update process.

Close

You can follow the upgrade process of selected maps.

Map update


BIH
 Downloading

Map name	Installed version	Address space	Map copyright	Available version	Size	Select
ALB	2024.06	✓	Data source © TomTom			<input type="checkbox"/>
BIH	2010.06		Data source © TeleAtlas	2024.06	47.98 MB	<input checked="" type="checkbox"/>
BND	2017.09		Data source © TomTom			<input type="checkbox"/>
HRV	2010.06	✓	Data source © TeleAtlas			<input type="checkbox"/>
MKD	2010.06		Data source © TeleAtlas			<input type="checkbox"/>
OUT	2008.04		Data source © TeleAtlas			<input type="checkbox"/>
SRB	2021.12	✓	Data source © TomTom			<input type="checkbox"/>
SVN	2008.07	✓	Data source © TeleAtlas			<input type="checkbox"/>
XKS	2021.12	✓	Data source © TomTom			<input type="checkbox"/>

Please, quit all SkyTrack applications before starting update process.

About the program

About the program contains information about the current version of the Position manager application. It is recommended that the application is always on the latest version. Registration can be made by clicking on Registration and entering the activation code, as well as measuring the speed of the Internet connection.

About

SkyTrack 4 Position Manager
version 4.5.5.37

- ALB.2024.06 Data source © TomTom
- ALB.2024.06 Data source © TomTom (Address space)
- BIH.2010.06 Data source © TeleAtlas
- BND.2008.01 Data source © TeleAtlas
- BND.2017.09 Data source © TomTom
- HRV.2010.06 Data source © TeleAtlas
- HRV.2010.06 Data source © TeleAtlas (Address space)
- MKD.2010.06 Data source © TeleAtlas
- OUT.2008.04 Data source © TeleAtlas
- SRB.2021.12 Data source © TomTom
- SRB.2021.12 Data source © TomTom (Address space)
- SVN.2008.07 Data source © TeleAtlas
- SVN.2008.07 Data source © TeleAtlas (Address space)
- XKS.2021.12 Data source © TomTom

Position manager (TSP)
Statistics
Analytics
Logistics

Measure connection speed
11,016 Mbps

www.skytrack.net
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 Sveti Duh 85, Zagreb, tel. +385-1-3700595, fax. +385-1-3774541

Toolbar



Used to move around the map. You can press the left mouse button and hold it - The pointer changes to a clenched fist and as you move the mouse, the map moves as well - When you move to the desired place, release the mouse button.



Map zoom tool. If you want to enlarge an area, click the left mouse button - Hold it - Move the mouse to frame the area - Release the mouse button



Distance measuring tool. Distance measurement is started by clicking the left mouse button on the desired place on the map - The point you clicked to start the measurement will be fixed - After that, you move the mouse to the next point to which you want to measure the distance. All the time when moving the mouse to the next point the distance will be displayed. More points can be added to the measurement, when you reach the second desired point, click with the left mouse button, it remains fixed like the beginning of the measurement, and continue to the third desired point. In this way, as many points as needed can be added.



Area measurement tool. Area measurement starts by clicking the left mouse button - Move the mouse to the second point - Click the left mouse button - Continue moving to the third point and so on until you frame the desired area. The area of the framed area will be showed in square meters.



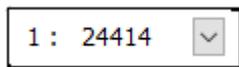
The Info tool show information about any entity on the map. When this tool is selected, the mouse cursor changes to a rectangle with a question mark in the lower right corner. The cursor should be positioned on the place or vehicle about which you need to know more information and a window with information will appear.



Zooming in on the map view.



Minimize the map view.



The size of the map display in the ratio 1:X. The view can be zoomed in and out by scrolling the mouse, using the tools on the toolbar, and clicking on the drop-down list.



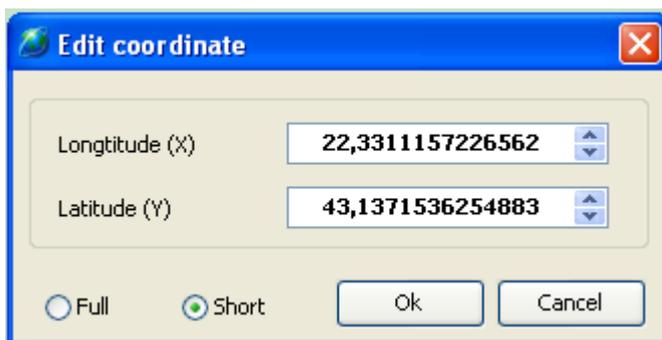
Selection of map view. Vector, Open Street and Here maps are available in the drop-down list.



The POI view is used to show the Point of Interest on the map.



Go to. It is used to change the coordinates of objects. The coordinates must be entered in the window that opens when we activate the option.



Refresh. It is used to update the vehicle's position and paths.



Automatic periodic refresh. It is used to automatically update the vehicle's position and paths.

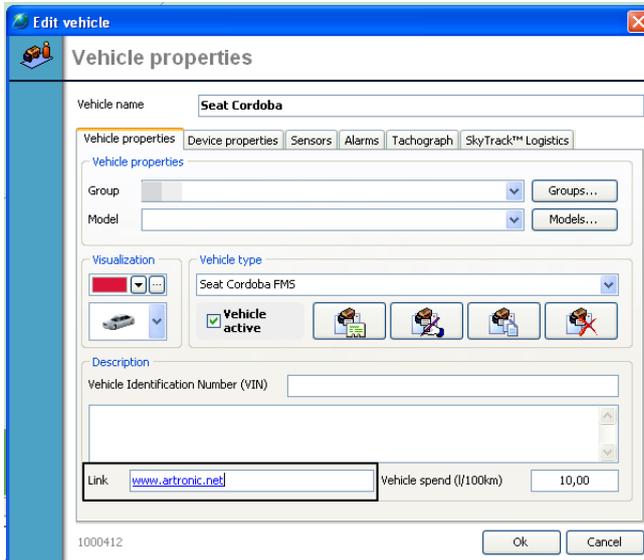
The refresh period must be set in the options. Options - Settings - User objects.



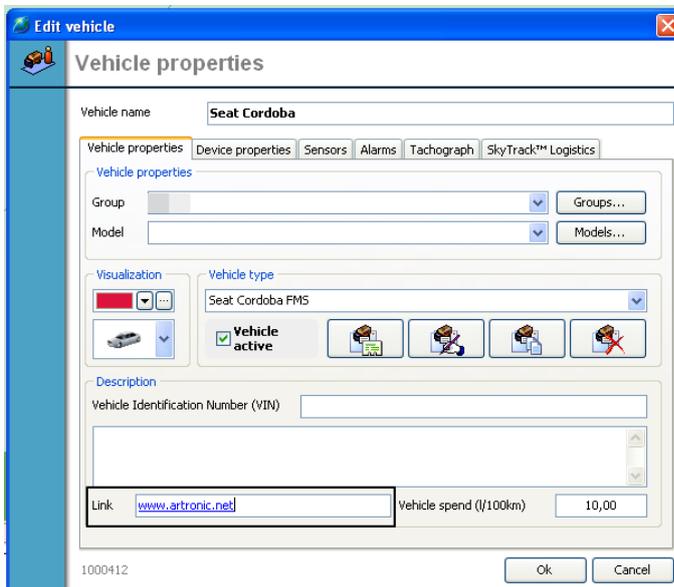
Show the track. Select the vehicle - Show track - In the window that opens, you should set the beginning and end of the period for which you want the track - put a check mark next to Show track- OK



Tool to go to the selection link. In the vehicle properties, it is possible to set a link for each vehicle or object in the system. Clicking on this tool opens the defined link in the Internet browser.



Selection Properties displays a window where changes can be made.



Change the selection. If an object, route or zone whose position or dimensions can be changed is selected, clicking on this tool will allow the selection to be changed.



Deselect. Clicking this option will remove the current selection and nothing will be selected.

Vehicles tree, objects, events, drivers, routes and zones

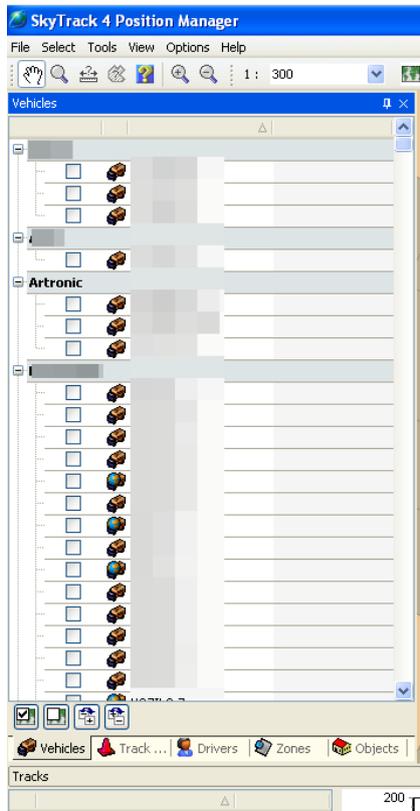
Trees are on the left side of the screen. In the preview, select which of the TABs will be displayed. By clicking on the desired TAB (in the example from the Vehicles image), a vehicles of all tree and vehicles groups will be displayed.



Expanding and contract of vehicle groups



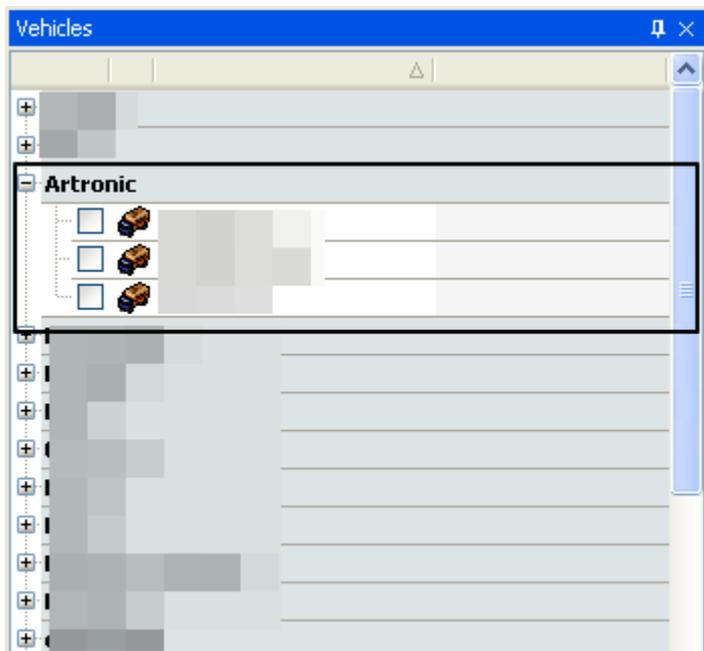
Expand all groups. Clicking this option will expand all groups.



Contract all groups. By clicking this option, all groups will be contract.



By clicking on the plus or minus next to the vehicle groups, we can expand or contract only one vehicle group.



Selecting all vehicles

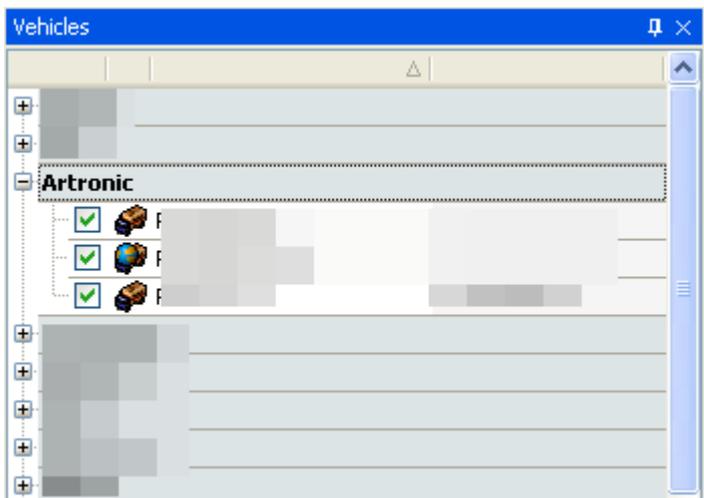


Set everything up. Clicking this option will select all vehicles.



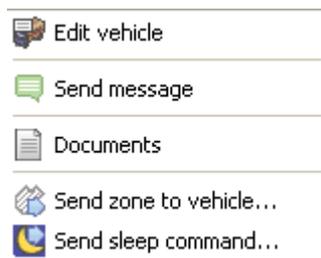
Remove everything. Clicking this option will uncheck all vehicles.

If you want to select all vehicles from one group, you can double-click on the group name.



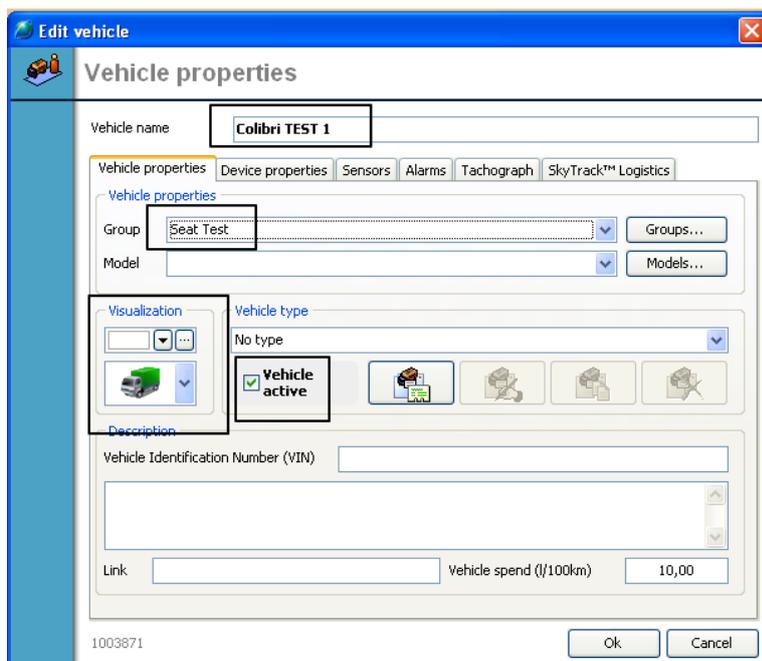
Additional options

Right-clicking on a vehicle provides access to additional options.



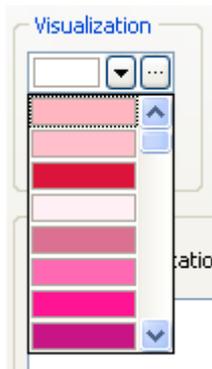
Vehicle properties

Right click on the vehicle - Vehicle Properties opens a window where changes can be made.



- The vehicle name can be changed.
- A vehicles groups can be selected from the drop-down list of groups.
- The model can be selected from the model drop-down list.
- The type can be changed from the type drop-down list.
- Choose the color of the vehicle road display from the color palette
- Select the vehicle display icon from the selection of icons.

Choice of vehicle road color



Selecting the vehicle display icon



Send a message

If PDA devices are used in the system, it is possible to send a message to the PDA through the position manager.

Right click on the vehicle - Send message - A window will open where you can type a message - Send.



A message can also be sent from the Vehicle Description on the right side of the screen.

The vehicle is selected - The mouse is positioned in the lower right corner behind the image of the vehicle - The send message option will appear.



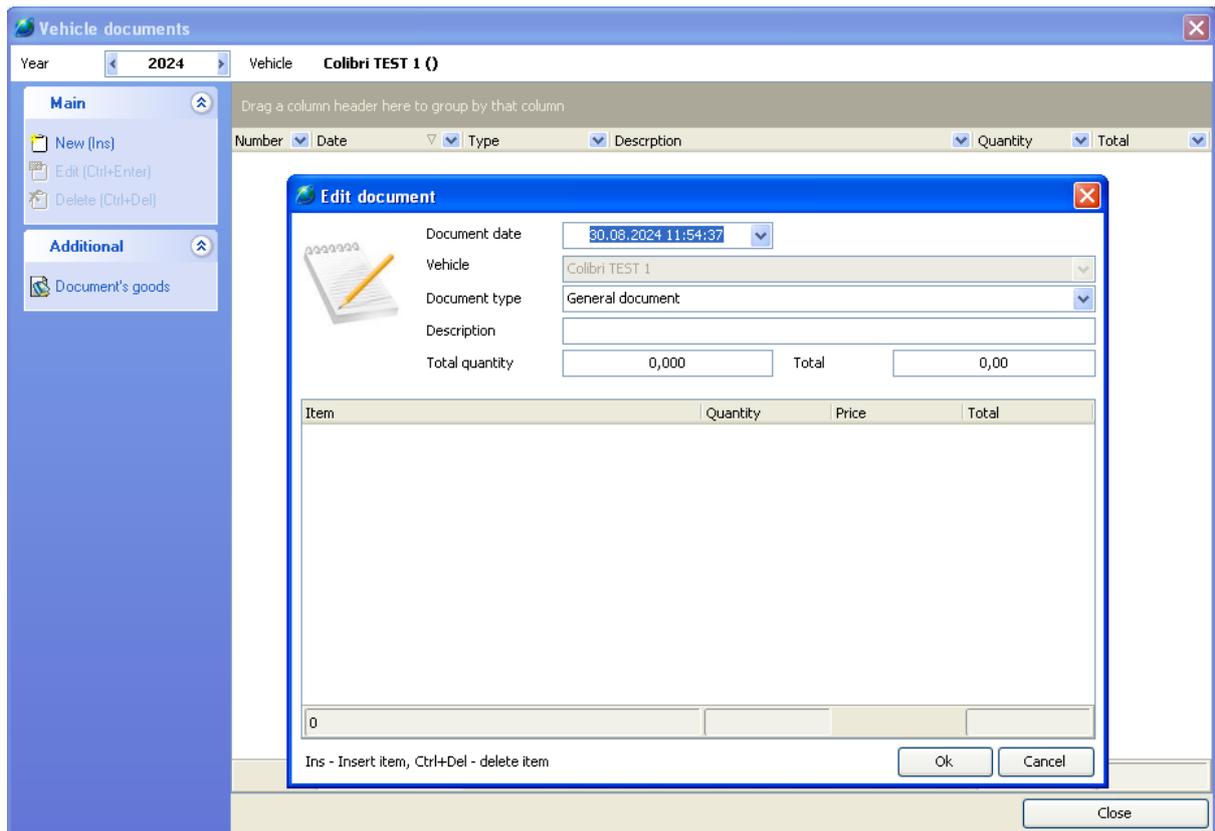
An image can be uploaded to the message.



Clicking on this option will open a window for selecting an image from your computer.

Documents

It is possible to arrange the desired document with the vehicle. Right click on the vehicle - Documents - Add



Objects

A list of all objects and object groups will be displayed when you click on the Objects TAB.



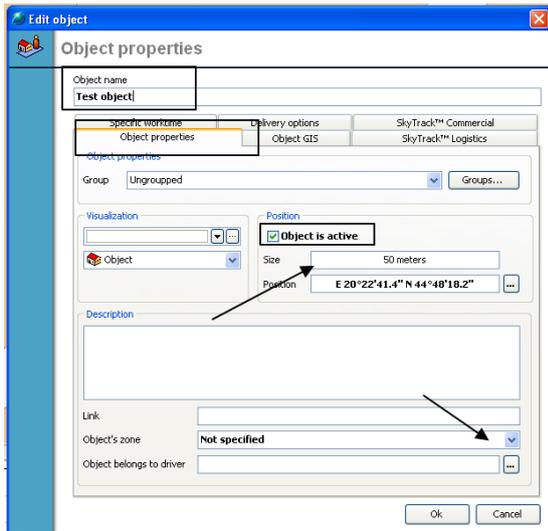
The options for contracting and expanding all groups of objects, selecting and unselecting all objects, as well as selecting the entire group of objects by double-clicking on the name of the group of objects are done in the same way as on the TAB of the vehicle.

Adding an object

To add an object, right-click on the map where the object is positioned. After that, click Add objects - A window will open in which you enter information about the object:

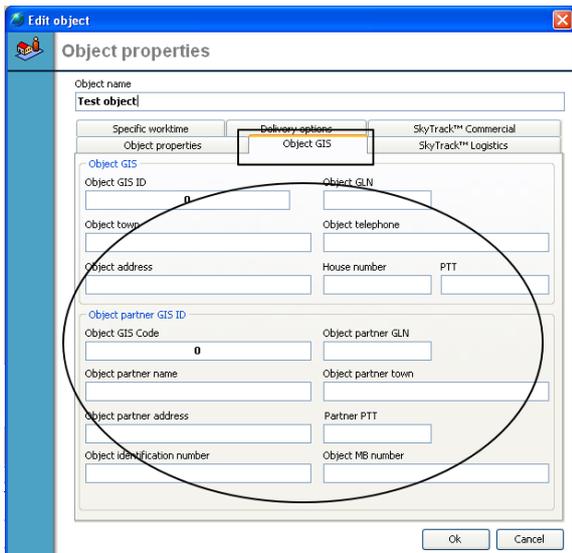
Object settings

Name, Group, View, Size, Coordinates, Description, Connection, Zone, Driver associated with the object



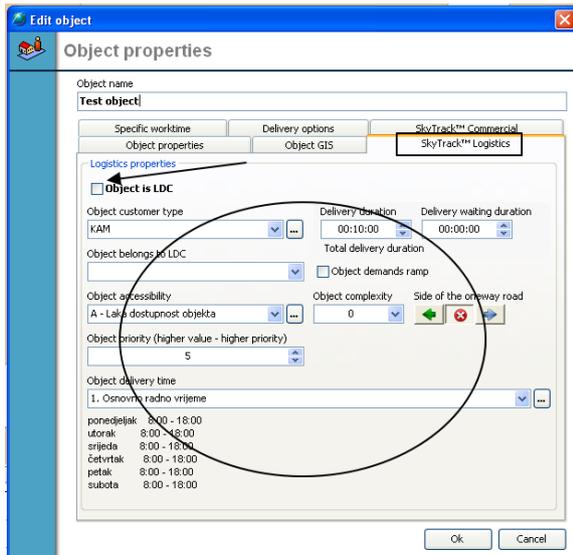
GIS system

External object code, GLN code, City, Address, Telephone number, House number, Postal code, Partner properties.



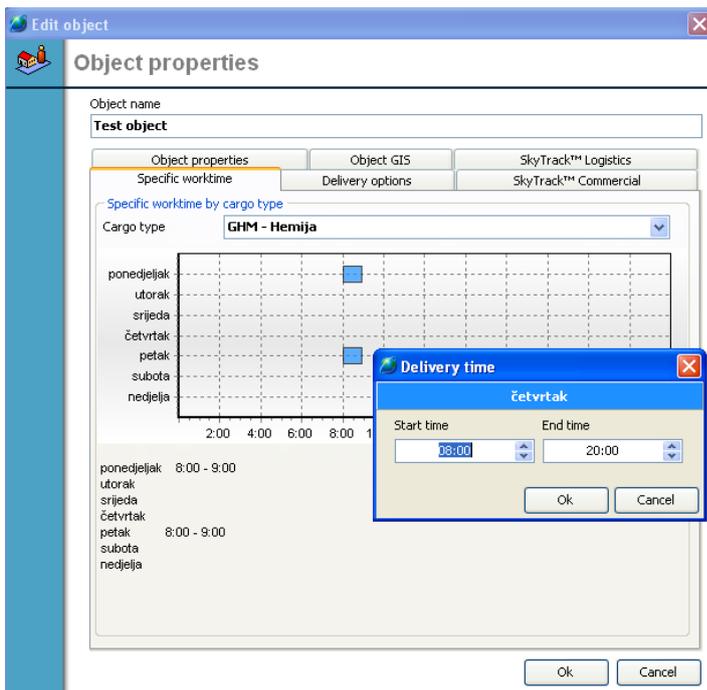
Logistics

The object is LDC (if yes, select that it is LDC), Customer type, Duration of delivery, Waiting time, Object belongs to LDC, Object requires a vehicle with a loading ramp (if required, select), Object Availability, Object Complexity, Side of the object on a one-way road, Priority object, delivery time.



Special delivery time

Special delivery time may be added. The test object from the example was added to receive goods only on Monday and Friday from 08:00 to 09:00. When there is a change, in this case it is also possible to receive goods on Wednesday - Right click on Wednesday - Add delivery time - Set the time from 08:00-09:00 and click OK.



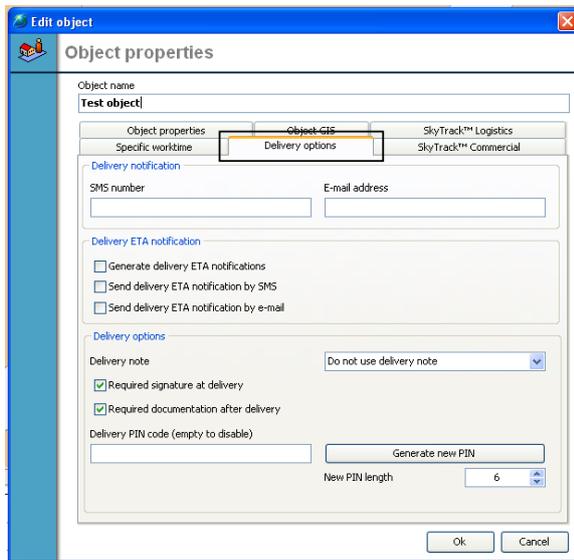
Delivery options

Generate delivery ETA information

Send delivery ETA notification by sms.

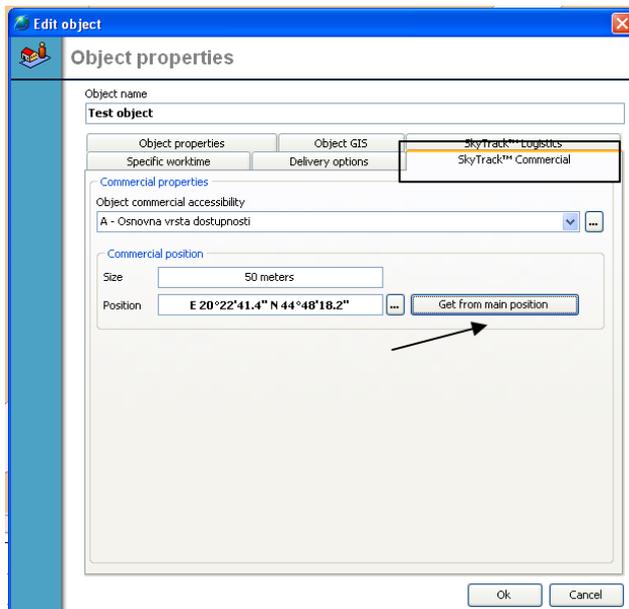
Send delivery ETA notification by e-mail.

Work with delivery notes. A list upon delivery is required, Documentation is required to be sent after delivery.

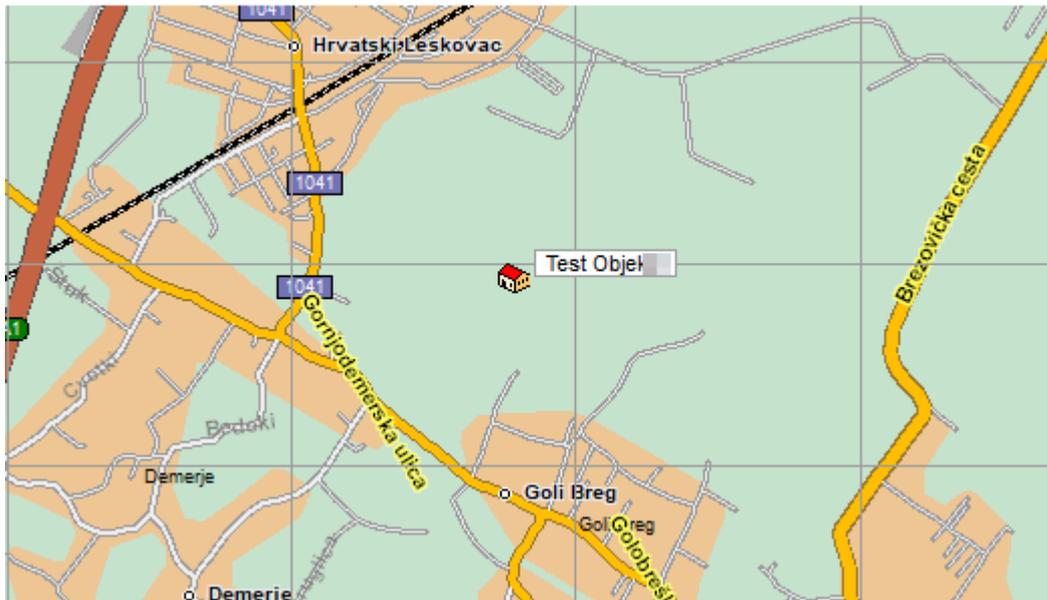


Commercial

Commercial availability of the object, Size, Location for commercial (coordinates can be pulled from the main location)

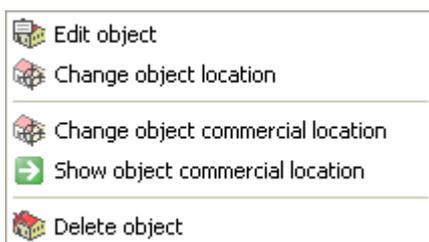


After entering the correct data, click OK and the object will be displayed on the map and in the list of objects.

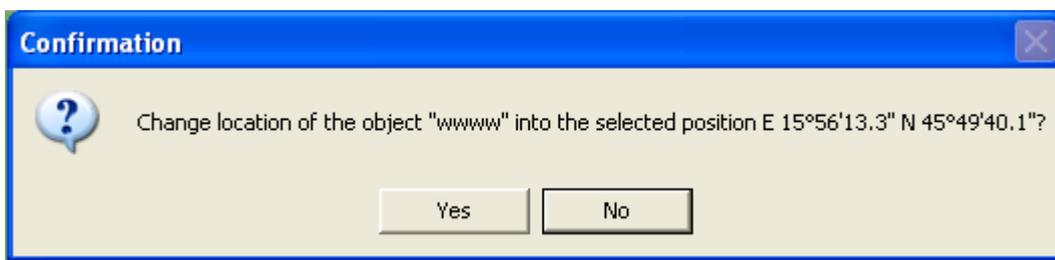


Changing the location of the object

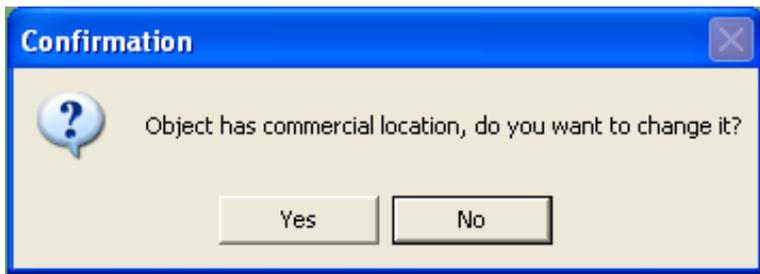
If it is necessary to change the location of the object, it is necessary to right-click on Object in the list of objects. Additional options Edit Object, Change object location, Change object commercial location and Delete object will open.



Clicking on the change location of the object will change the mouse cursor to a crosshair. You can move it around the map to where you want to position the object. With the left mouse click, you click on the desired place - a message will appear on the screen



You click Yes - a message appears



Click Yes and the object will be moved to the new location.

Deleting an object

Right click on an object in the list of objects - Delete object

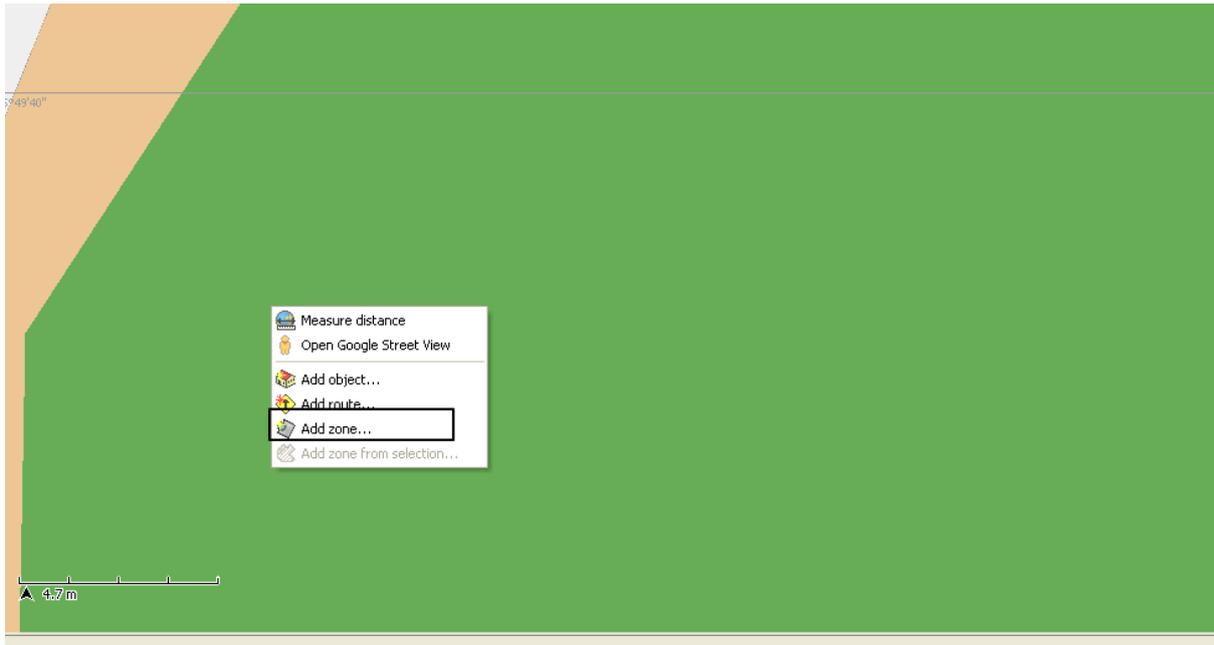


If after CAREFULLY reading this message you are sure that you want to delete the object, click Yes and the object will be deleted from the system.

Zones

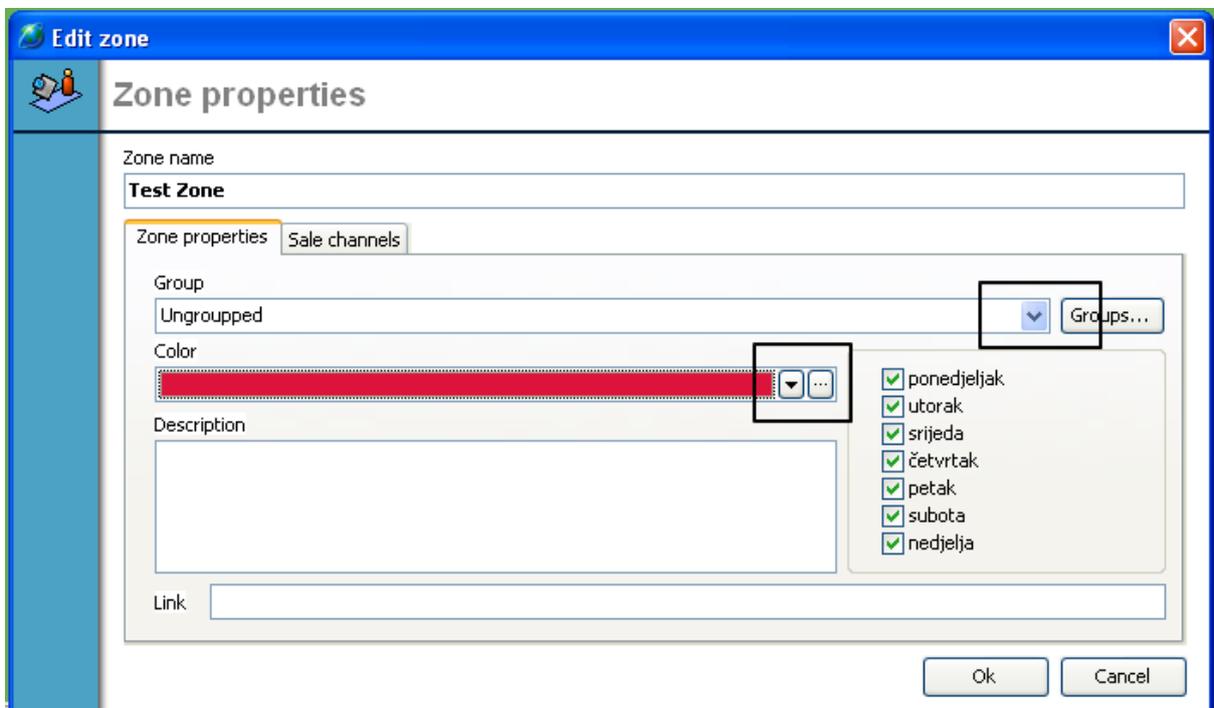
Adding a zone

Position yourself at the place on the map where you want to draw a zone - right click - add zone.

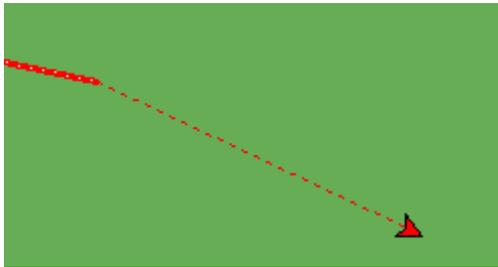


A zone settings window will open. The Zone Name is entered, the zone group can be selected from the drop-down list. If there is no zone group, click on Groups... the desired zone group can be added. Select the Zone Color from the drop-down list. From Monday to Sunday, the days on which the zone is active can be selected. Click OK.

In the example from the picture, the Test zone is active every day.

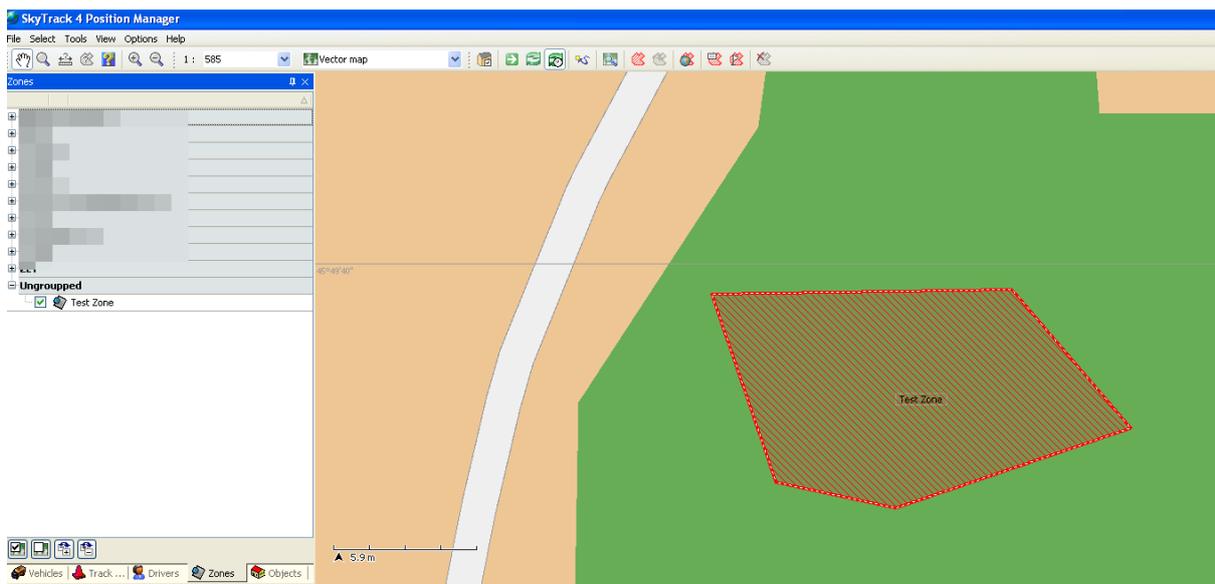


After clicking OK, you will notice that a dotted line has appeared with a flag for plotting or determining zone points. The place where you first right-clicked - Add zone is taken as the starting point.



To continue drawing, move the mouse to the next desired point - click with the left mouse button, fix the second point, then move to the third point and so on until you frame the desired zone. When you draw the last point - right-click the mouse and click on the name of the zone. In this way, you have completed the drawing of the zone.

The zone will then appear in the list of zones in the upper left corner.



Vehicle description

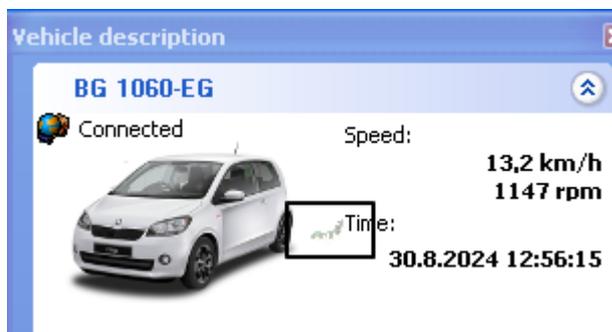
Description of the vehicle

The vehicle description shows the current information about the vehicle and its current location. Registration, whether the vehicle is currently connected or not connected to the server, current

speed if the vehicle is moving, whether it is turned on or not, date and time of the last report, current location displayed with coordinates, city and address.



We can see if the vehicle is currently on by the smoke coming out of the exhaust.

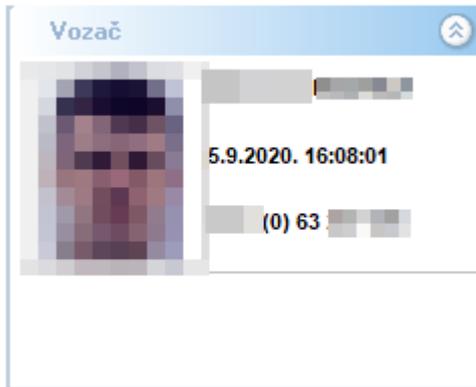


With the location in the lower right corner there is an option Show in Google street view.



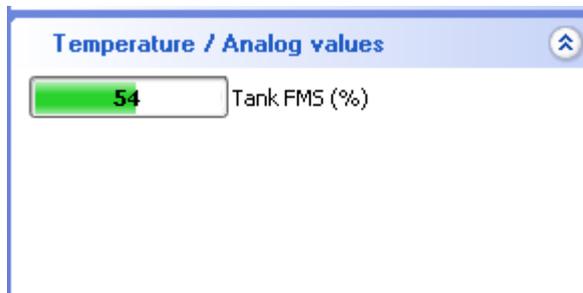
Driver

Contains information about the registered driver. It can contain a picture, Name and Surname, Date and time of creation of the driver in the system, Phone number.



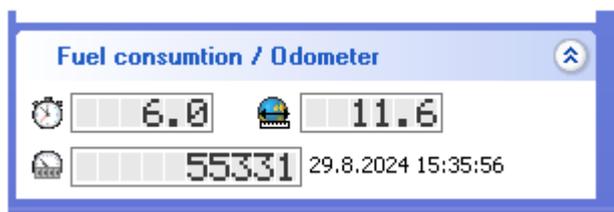
Temperatures/Measurements

Displays the current temperature and analog measurements connected to the vehicle.

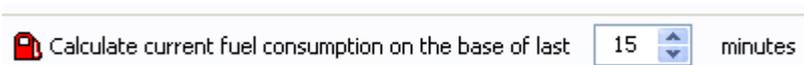


Fuel consumption/Odometer

Current display of fuel consumption and odometer status. If the vehicle is turned off, consumption will not be displayed. The data refresh period is set in additional settings.

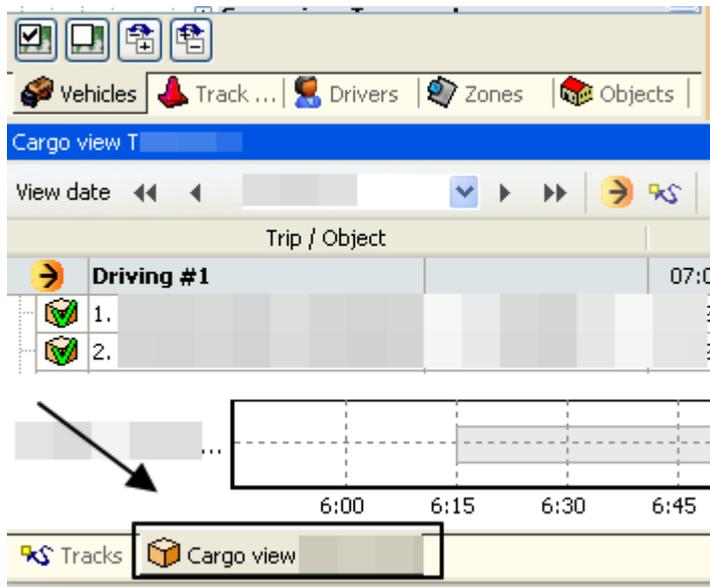


Options - Settings - Additional



Deliveries

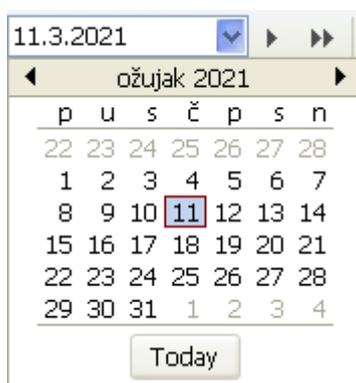
The Cargo view TAB is activated in the Overview. By clicking on Cargo view in the lower left corner, you can track delivery data for selected vehicles.



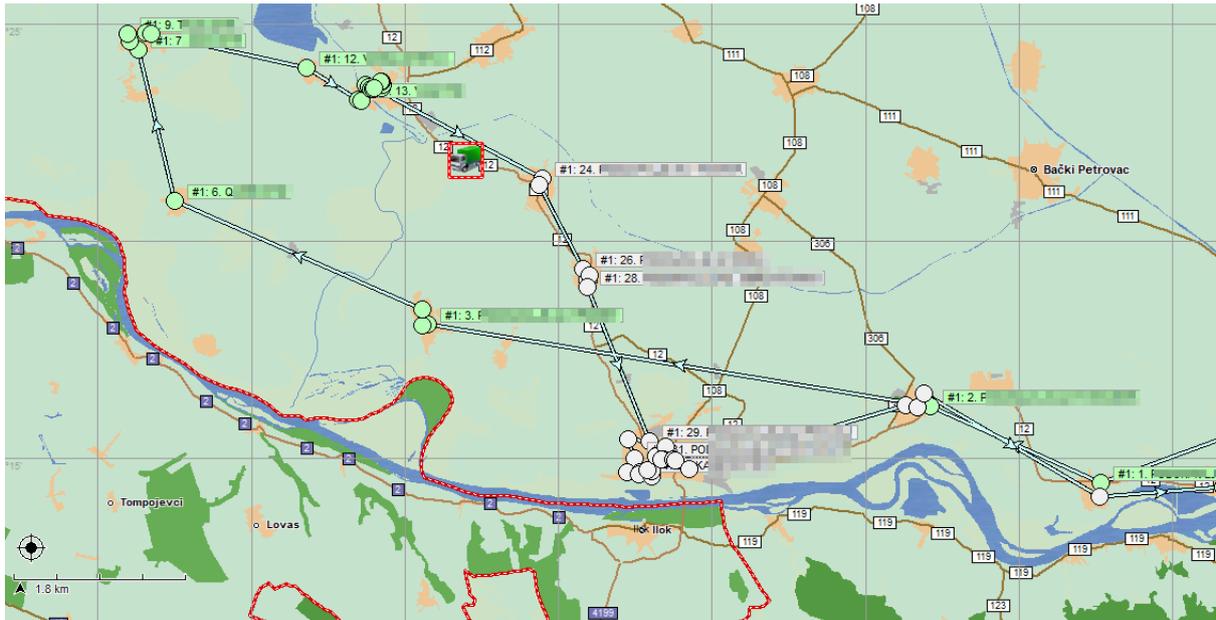
In the upper left corner of the Cargo view TAB, there is information about the vehicle for which we are monitoring the delivery, as well as the view date.



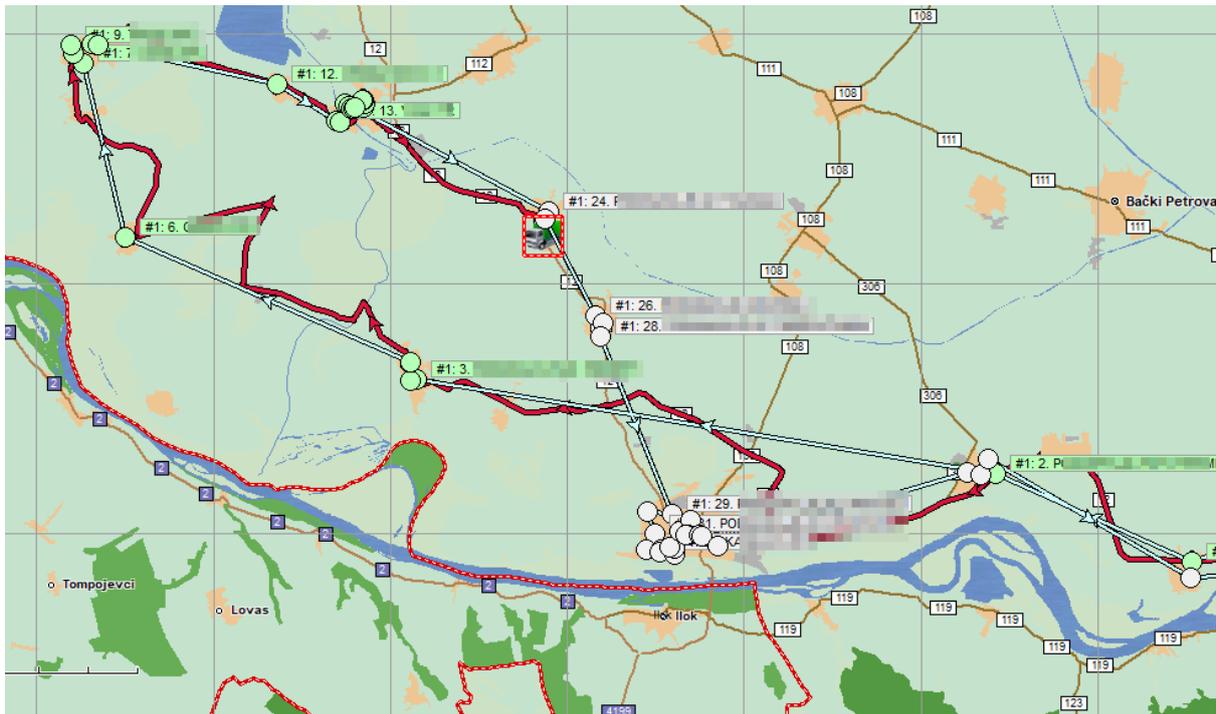
The view date can be changed to the black arrows to the left and right of the date or can be selected from the dropdown list.



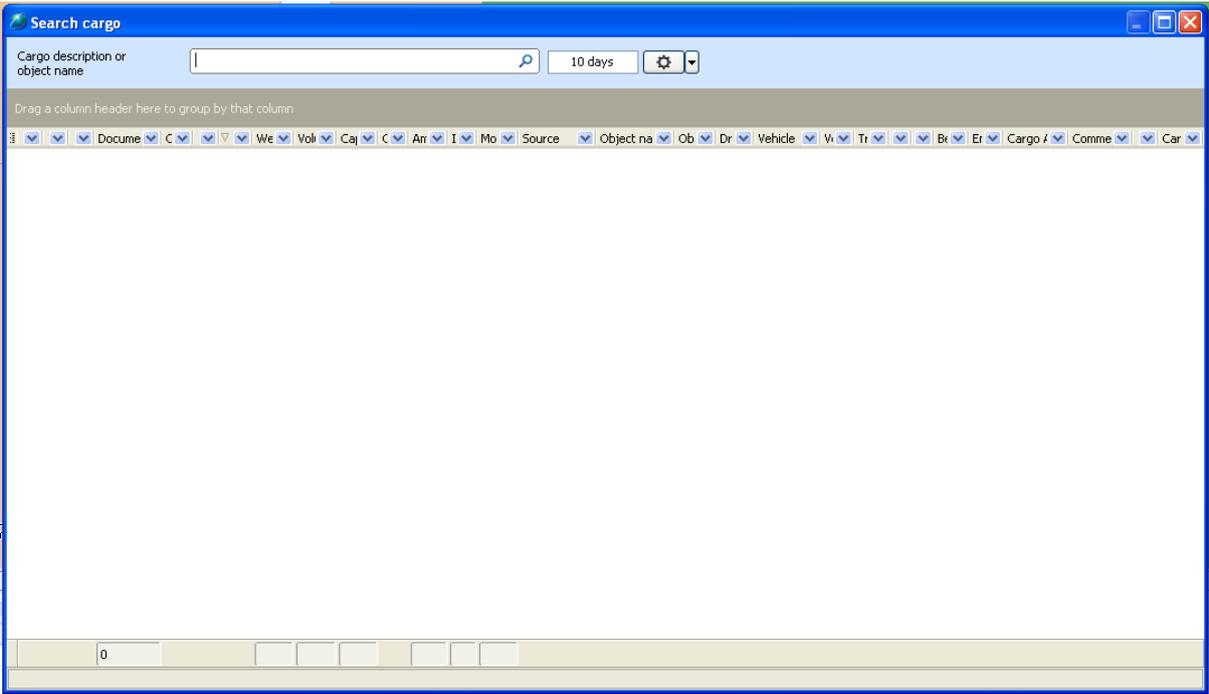
Show planned rides on the map. Clicking on this option will show the planned rides on the map with the objects and the planned order of visiting the objects.



Show the way. Clicking on this option will show the track of the vehicle for which you are tracking the cargo.



Shipment search is an option that will open a search window by shipment description or object name.



Cargo details. Highlight the cargo in the cargo list and clicking on this option will allow you to view the Cargo details.

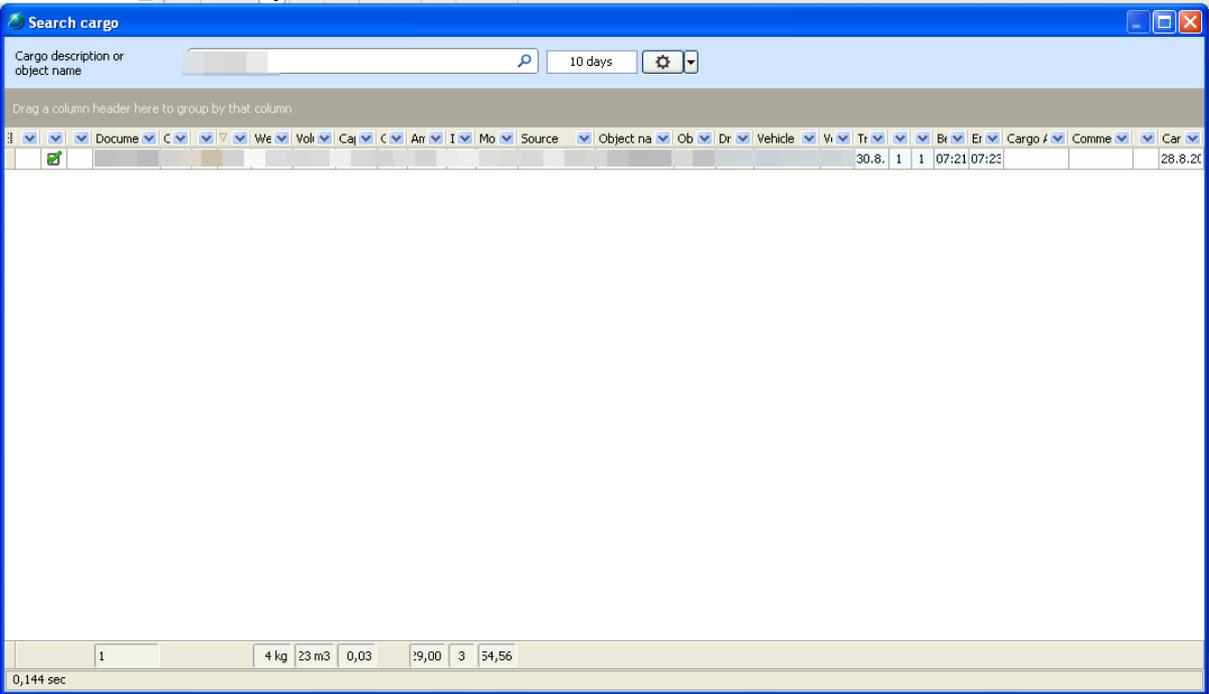


Image preview. This option will enable viewing of the image that was captured by the PDA and sent to the server.



Save image to file is an option that will allow you to save the sent image to a file on your computer.



This option will set trip real begin time.



This option will allow changing the invoiced cost of the trip.



This option will allow you to reset your visit information.

Right-clicking on a delivery opens a window with additional options:

- Mark as delivered
- Mark as not delivered
- Mark as partially submitted
- Canceling the delivery status
- Return to unassigned for redelivery

Details of the ride/delivery location

Trip / Object		Planned			Vis
→	Driving #1	06:00	12:35	07:13	12:
1.		06:51	07:55	08:	
2.		06:57	07:55	08:	
#1 MAGAC					

Timeline: 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30

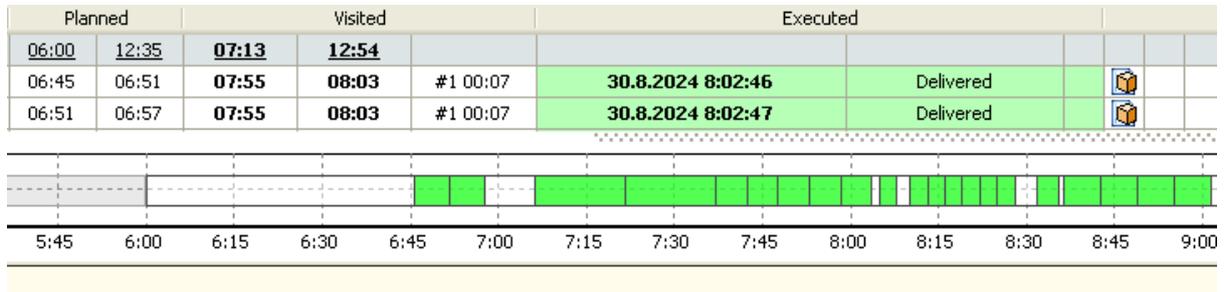
The green select on the delivery box is the information about the delivery confirmation from the PDA device.

Visit data

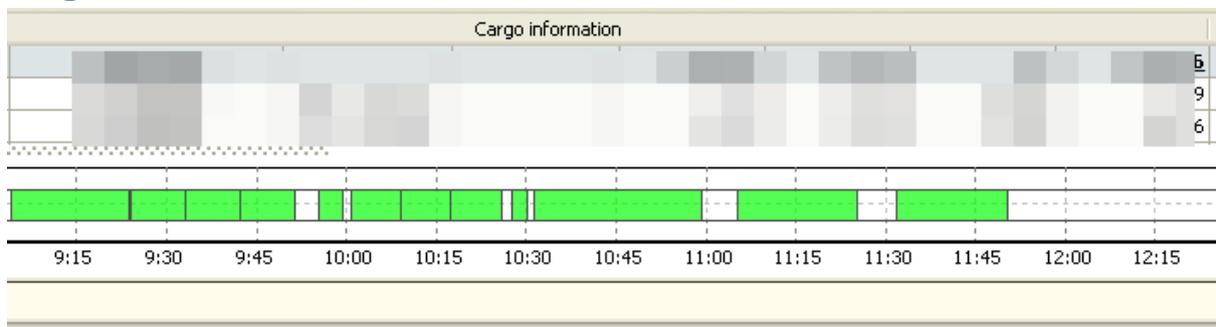
Planned - Planned visit time in Logistics.

Visited - Time of visit by GPS.

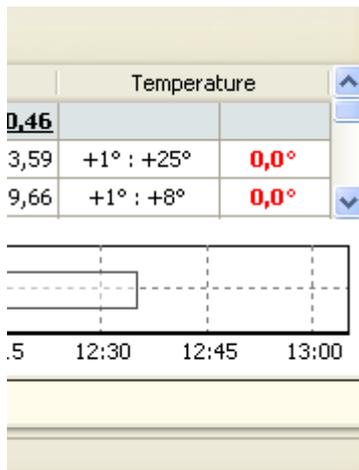
Executed - Delivery execution time by GPS.



Cargo information



Information about the temperature during delivery



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