OMNICOMM

Omnicomm Online

Release notes

02.04.2020

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Omnicomm Online

This document provides information regarding Omnicomm Online updates.

Omnicomm Online Release 4.5.41

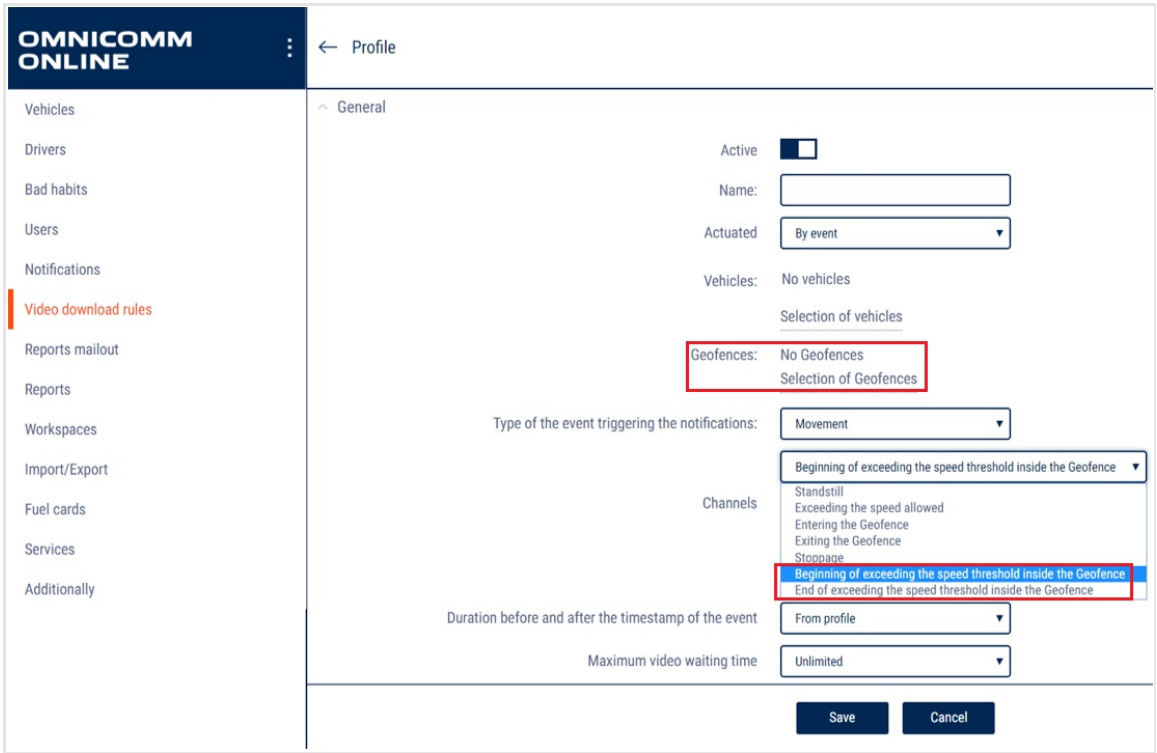
Release date – December 18th, 2019

NEW FEATURES IN OMNICOMM ONLINE:

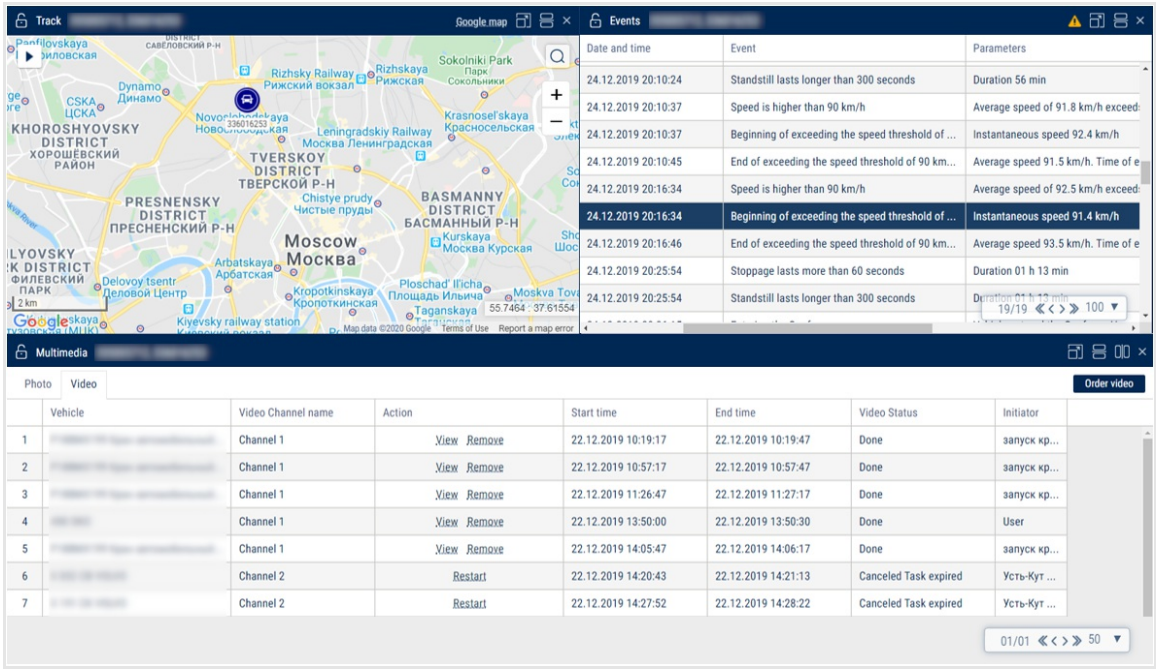
1. New events for automatic video upload from OMNICOMM OKO video terminal

You can now set up download rules for the events “Beginning / end of exceeding the speed threshold inside the Geofence” and select geofences for which the events must be generated.

To set up the automatic download rules in the Administration section, select “Video download rules”, then in the “Type of the event triggering the notifications” select “Movement” and type of the required event under the “Movement”. Uploaded videos are available in the “Multimedia/Video”, “Events”, and “Violations” reports.

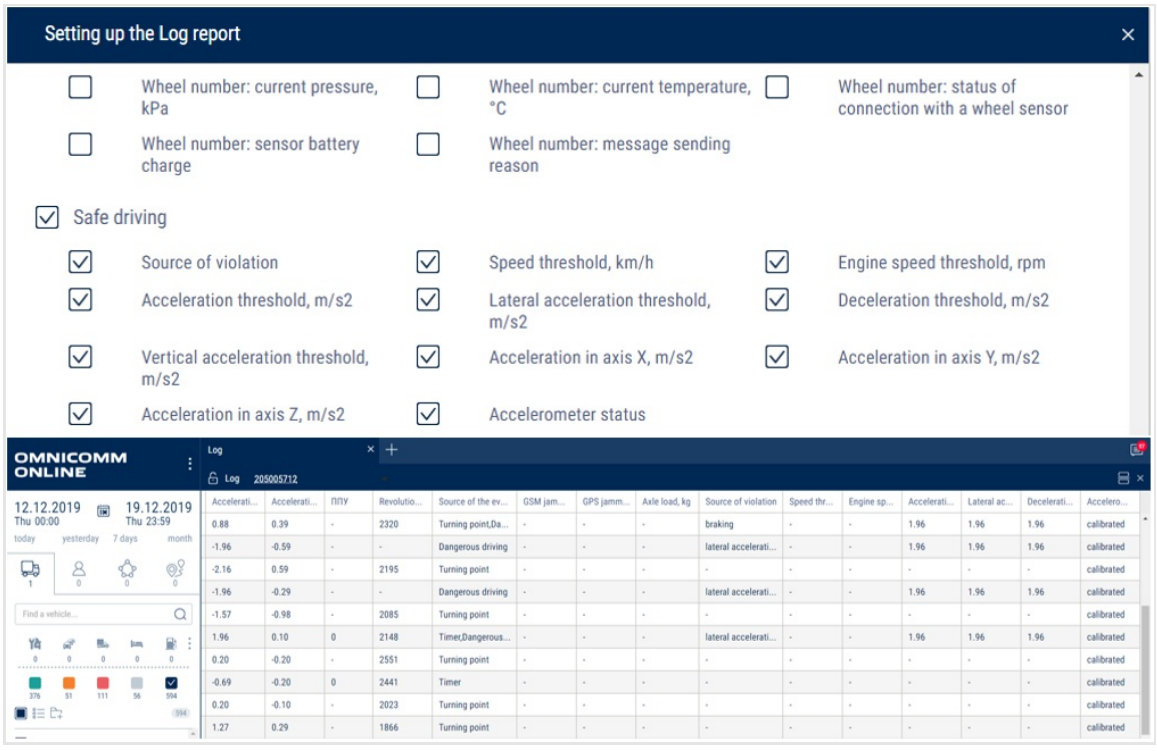


Omnicomm Online Release 4.5.41



2. Accelerometer data is now available in “Log” report without “SafeDrive” module activation

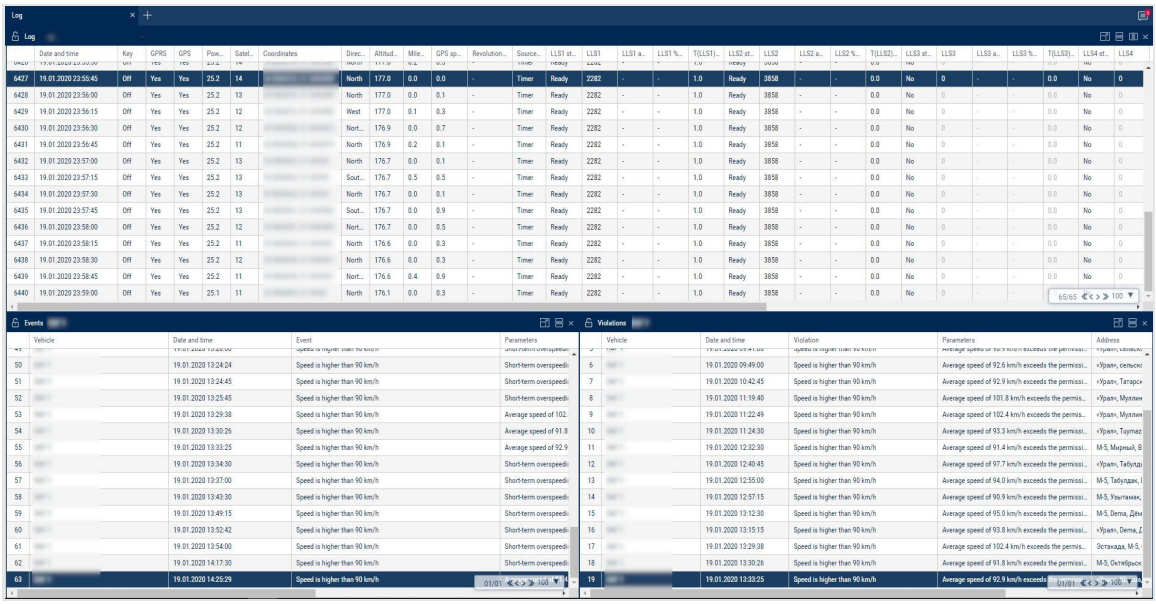
Now accelerometer data from the vehicles equipped with on-board trackers with built-in accelerometer is available in the “Log” report without additional subscription for the OMNICOMM Online SafeDrive module.



3. Support for Teltonika FMB001 accelerometer parameters

Omnicomm Online Release 4.5.41

You can now activate OMNICOMM Online SafeDrive module for vehicles equipped with Teltonika FMB001 OBD tracker. The acceleration values will be taken into account to record violations and “Safe Driving” events. The data is available in the following reports: “Log”, “Events”, “Violations”, “SD: Driver Rating”, “SD: Violation Details”.



4. New Rest-API methods implemented

1. Creating links to the “Location” and “Track” reports without authorization

Links to the “Location” and “Track” reports without signing in to OMNICOMM Online platform. Recently we have added the option to create shared links to the “Location” and “Track” reports available without authorization in OMNICOMM Online. This feature is useful to provide real-time data for example about cargo delivery to the customer. For better integration with 3rd party IT systems we have added new Rest-API methods. When such shared link is created OMNICOMM Online forwards all the link parameters to a 3rd party IT system, for example a CRM.

Description of methods in the documentation:

https://developers.omnicomm-world.com/#/Reports_under_construction/post_ls_api_v1_reports_links

Please contact our Support team to request administration rights for shared link creation.

2. Get requested parameter groups from the “Statistics” report for the set of vehicle / group of vehicles IDs for a time period.

Description of the method in the documentation: https://developers.omnicomm-world.com/#/Reports_under_construction/getStatistics

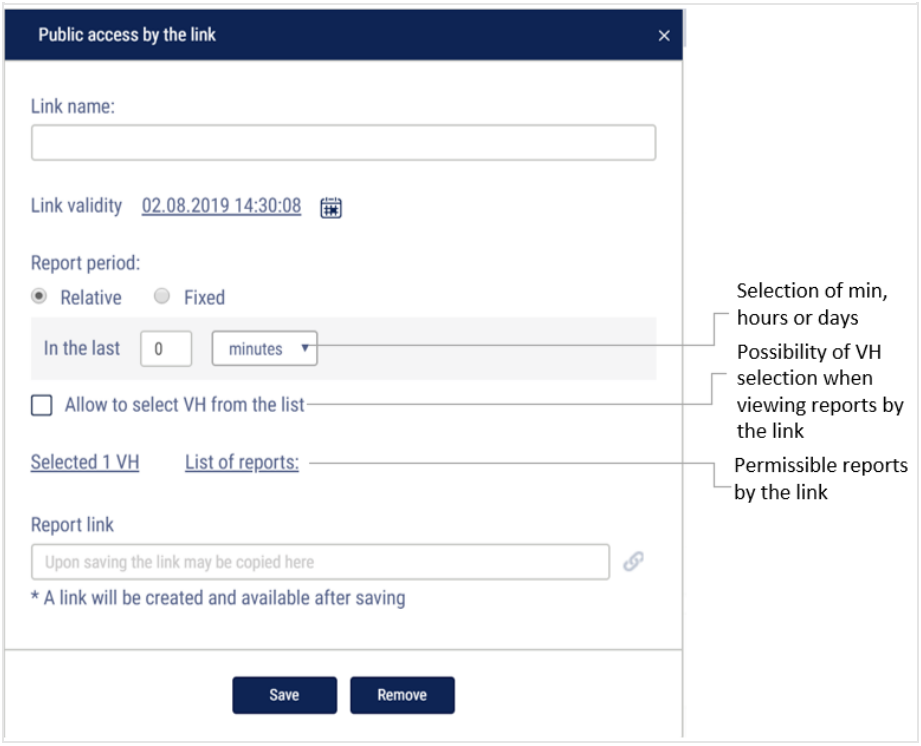
Omnicomm Online Release 4.5.34

Release date – October 29th, 2019

NEW FEATURES IN OMNICOMM ONLINE:

1. Direct link to the reports "SafeDrive: Driver rating" and "SafeDrive: Violation details"

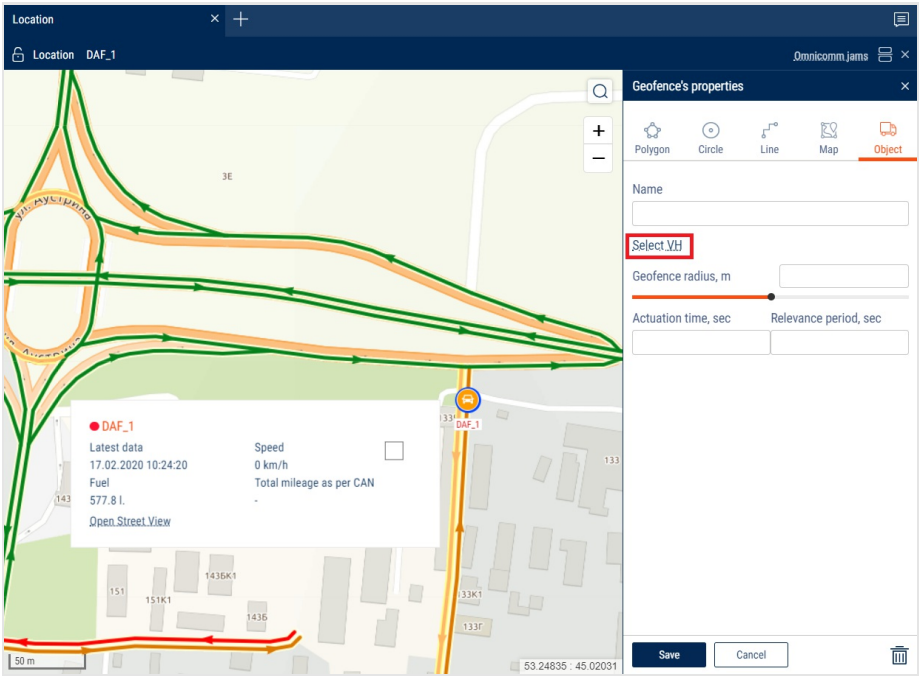
You can now create, edit, and share links to the reports "OMNICOMM SafeDrive: Driver rating" and "OMNICOMM SafeDrive: Violation details. Authorization in OMNICOMM Online is not required to view the shared reports. To create a link please go to the report tab, select "Shared link" / "Create link". Get in touch with OMNICOMM support team at support@omnicomm-world.com to get permissions for direct link creation.



Find out more in the documentation: https://doc.omnicomm.ru/en/omnicomm_online-manual/navigate/link

2. Management of dynamic geofences in the "Geofences" section

Geofence creation and editing were moved from the "Vehicle profile" to the Geofences section. To manage a dynamic geofence in the object tree, select the "Geofences" section and in the "Geofence properties" window, go to the "Object" section.



Find out more in the documentation: https://doc.omnicomm.ru/en/omnicomm_online-manual/zone

Omnicomm Online Release 4.5.32

Release date – October 15th, 2019

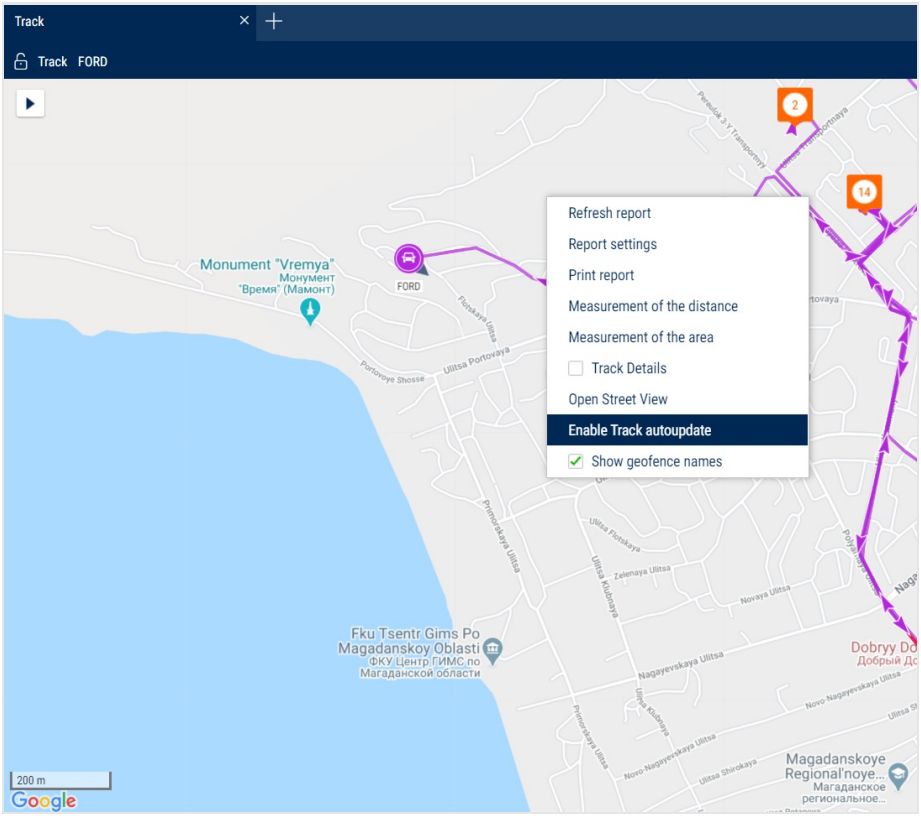
NEW FEATURES IN OMNICOMM ONLINE:

1. Mailout of the “SafeDrive ” and “Fuel balance” reports

You can now setup the mailout of the “OMNICOMM SafeDrive: Driver rating” and “OMNICOMM SafeDrive: Violation details” reports to facilitate everyday manager’s work on improvements of driving habits. “Fuel balance” and “Refueler statement” reports can also be mailed out to match data on fuel operations considering time and other parameters.

2. Track auto-update

“Track auto-update” feature enables real-time monitoring of vehicles along the track. To enable the feature please right-click on the “Track” report and select “Enable track auto-update” in the context menu. The track will be updated automatically every 30 seconds. Please note that one vehicle only should be selected.



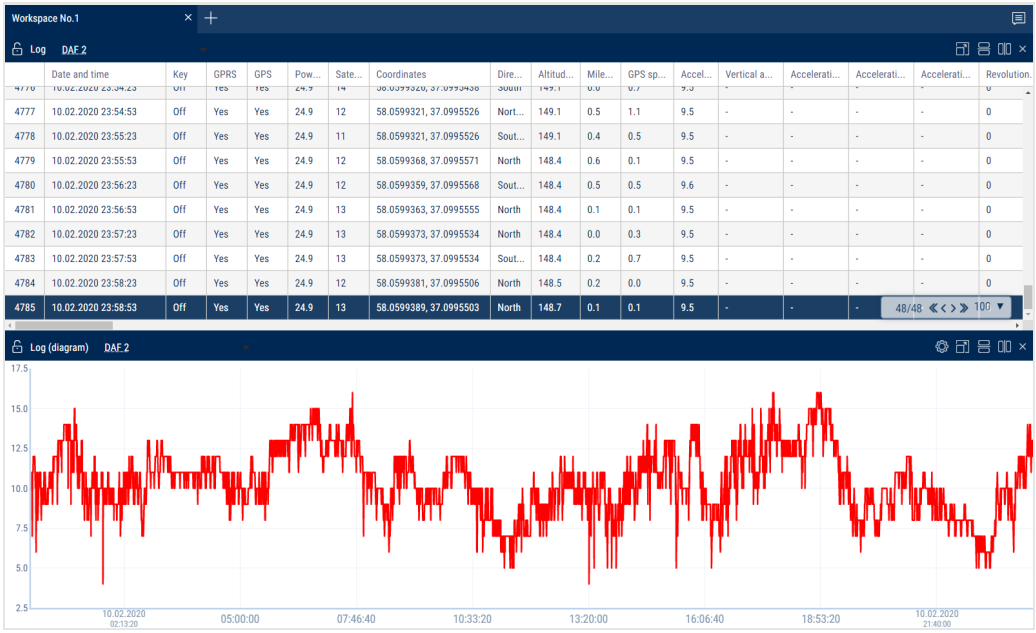
Omnicomm Online Release 4.5.28

Release date – September 18th, 2019

NEW FEATURES IN OMNICOMM ONLINE:

1. User workspaces: saving graphs based on "Log" report columns

In the "Log" report you can now generate a graph for the required parameter and save this combination as a user workspace.



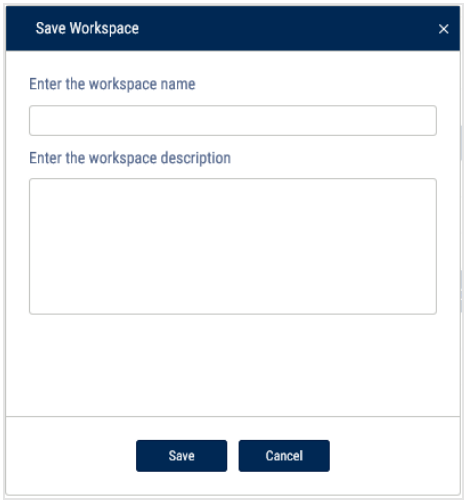
Omnicomm Online Release 4.5.18

Release date – July 11th, 2019

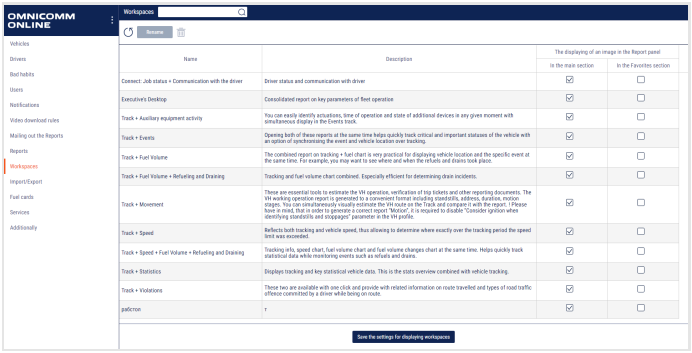
NEW FEATURES IN OMNICOMM ONLINE:

1. Creating User Workspaces

You can now create a combination of the reports most relevant for your business and save it as a "Workspace".To save a custom workspace right-click on the tab of the created Workspace and select "Save as…" from the context-menu. In the opened window you can assign a name and add a description to each "Workspace". You can edit and manage workspaces through the Administration section in the workspaces sub-section.



Omnicomm Online Release 4.5.18



Links to the documentation:

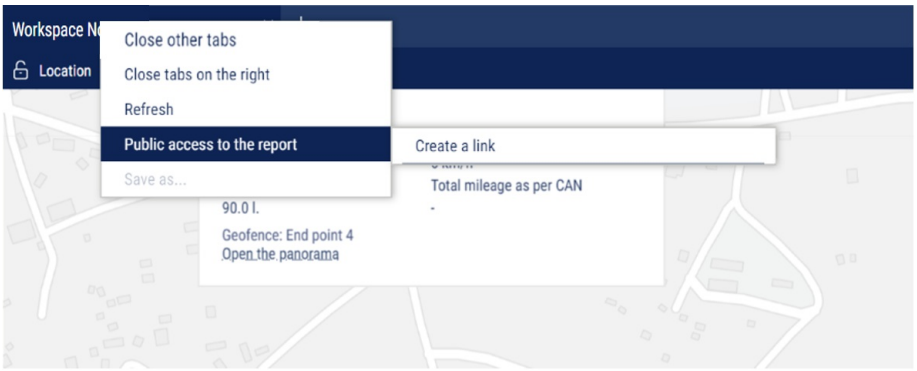
http://doc.omnicomm.ru/en/omnicomm_online-manual/navigate/desk

http://doc.omnicomm.ru/en/omnicomm_online-administration/workspace

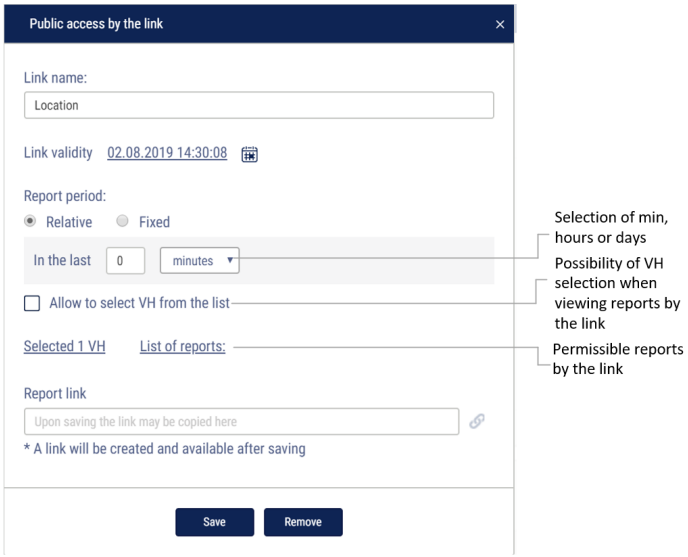
2. View Location and Track reports without authorization

Please contact support@omnicomm-world.com for permission to create links.

You can now create public links to the “Location” and “Track” reports and share them with users who have no accounts in OMNICOMM Online. This feature is especially useful, for example, when a customer who is not using OMNICOMM Online needs to know the cargo location. The fleet operator can create a link to share access to the report and send it to the customer. The customer will be able to see the cargo on the map, by passing the OMNICOMM Online authorization page. In this version this feature is available for OSM maps only. Support for other map types is under development. To create a public link, select “Share link” / “Create link”. In the opened drop-down list you will see the full list of such created public links. After the expiry date, the link will be highlighted in grey and stored in the list for 3 more days before deleting.



By default, the link is assigned a name corresponding to the vehicle name. You can change the name, expiry date, and data availability period in the link creation/editing window. The period is set to "Relative" by default, i.e., if you select 5 hours, the information about the objects for the last 5 hours will be available. If "Fixed" is selected, the report for the specified date will be available.



Upon clicking "Save", the report access link will be automatically saved to the clipboard and displayed in the "Report Link" field.

Links to the documentation:

http://doc.omnicomm.ru/en/omnicomm_online-manual/navigate/link

http://doc.omnicomm.ru/en/omnicomm_online-administration/review/connection/add

3. Geofence Duplication

If you need to create an identical or similar geofence to the existing one, you can now select the geofence that you wish to duplicate, right-click and choose «Create a geofence duplication». The geofence editor with all the selected geofence parameters will open: the duplicated geofence name can be easily modified. By default, it'll be set as "<geofence name> copy".

Links to the documentation: http://doc.omnicomm.ru/en/omnicomm_online-manual/zone

4. Search for multiple vehicles in Omnicomm Online administration panel

The search field is changed in the “Vehicle profile” section in the Administration panel. To find several vehicles by ID, please enter multiple vehicle IDs separated by commas. For example, 346000101,2360154,202360154 or 346000, 2360154, 202360. To find several vehicles by their names, list the names separated by commas in the “name:” field. For example, name:DAF,TC1,VOLVO or DAF, TC1, VOLVO.

Links to the documentation: http://doc.omnicomm.ru/en/omnicomm_online-administration/vehicle

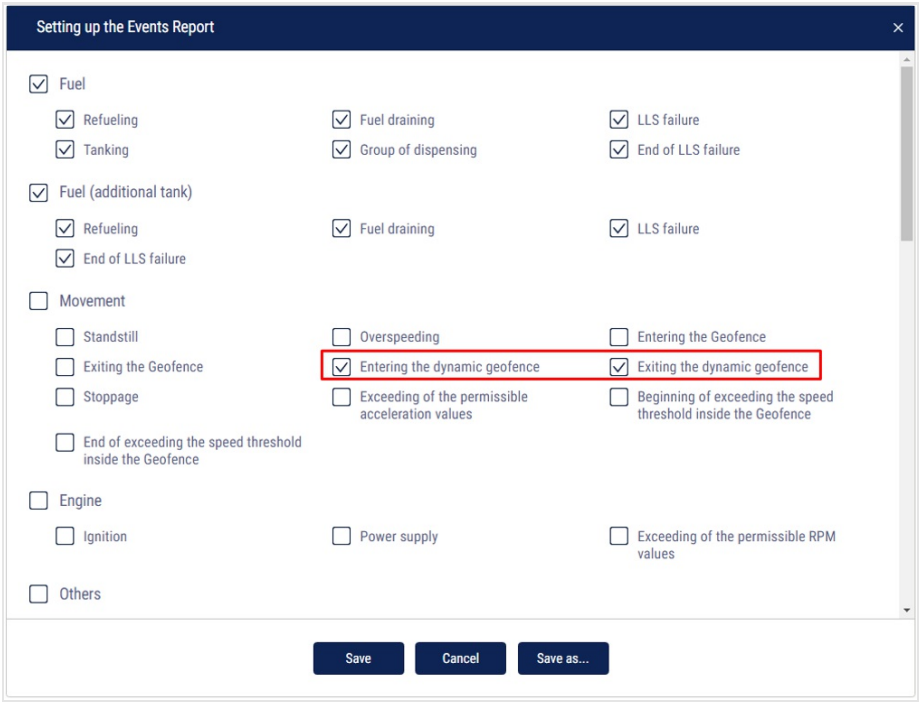
Omnicomm Online Release 4.5.14

Release date – June 11th, 2019

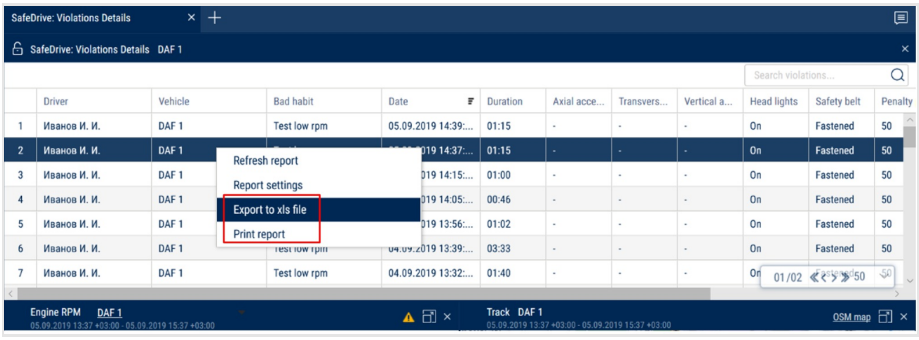
NEW FEATURES IN OMNICOMM ONLINE:

1. New Feature in the Events Report: Operation in the Dynamic Geofences

Dynamic Geofence is an area with a preset radius assigned to a vehicle. A dynamic geofence can help monitor the operation of machinery when several vehicles interact with each other. In the Events report vehicle operation may be determined by the events of “Entering the dynamic geofence” and “Exiting the dynamic geofence”.

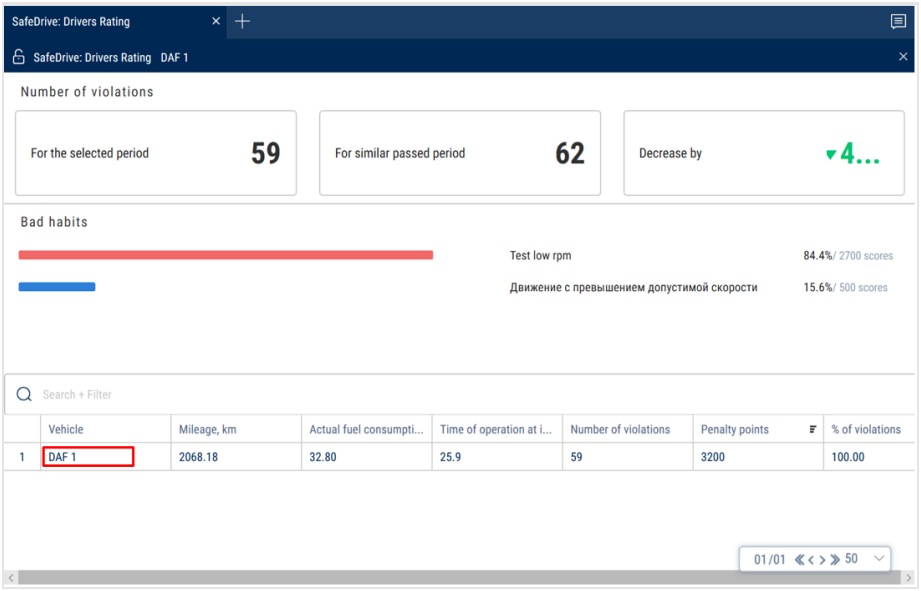


2. Violation Details report can be now downloaded as an Excel table and printed for further reference.



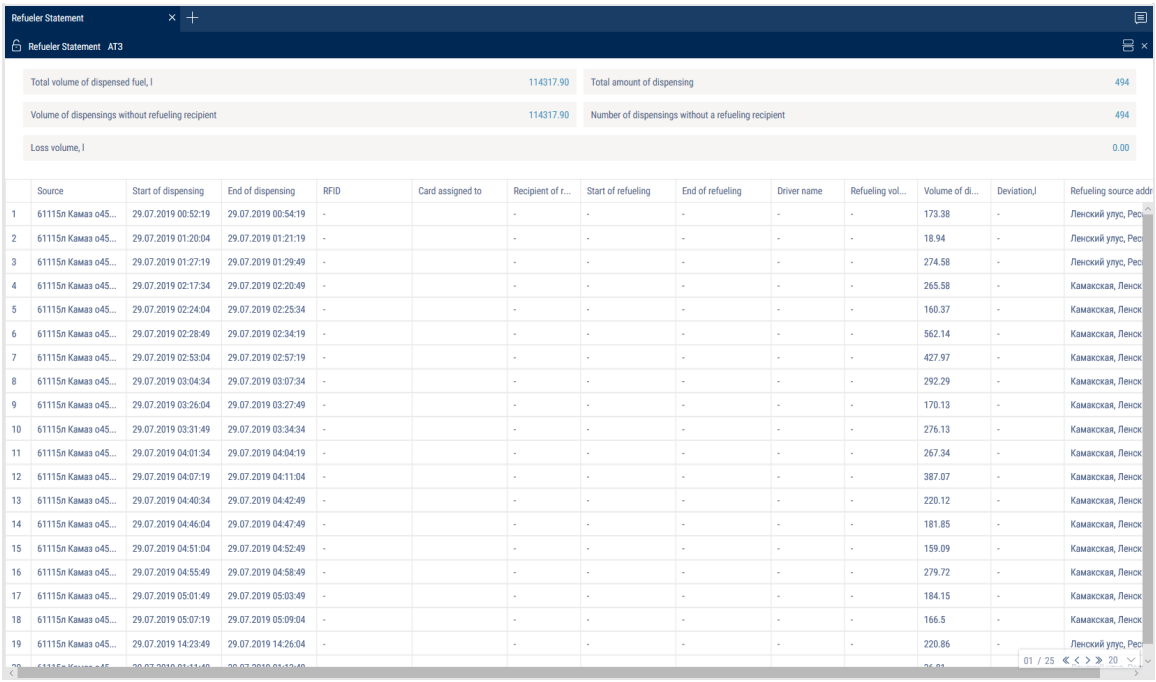
3. Drivers Rating report

This report displays statistics on penalty points earned by driver / vehicle and represents the rating for drivers / vehicles as a chart. It can be used to create transparent driver scoring system, motivating the drivers to change to safer and more economical driving style. To see the history of all violations for a driver or a vehicle please double click on the corresponding row. The Violation Details report for the diver/vehicle will open in a new tab.



4. Alignment of the driver ID and filled fuel in the Refueler Statement report

When during refuelling RFID card was used, this data is now shown along the filled volume.



Omnicomm Online Release 4.5.12

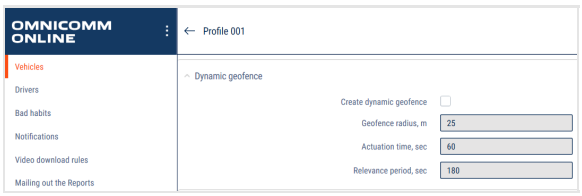
Release date – May 28th, 2019

NEW FEATURES IN OMNICOMM ONLINE:

1. Dynamic Geofences added

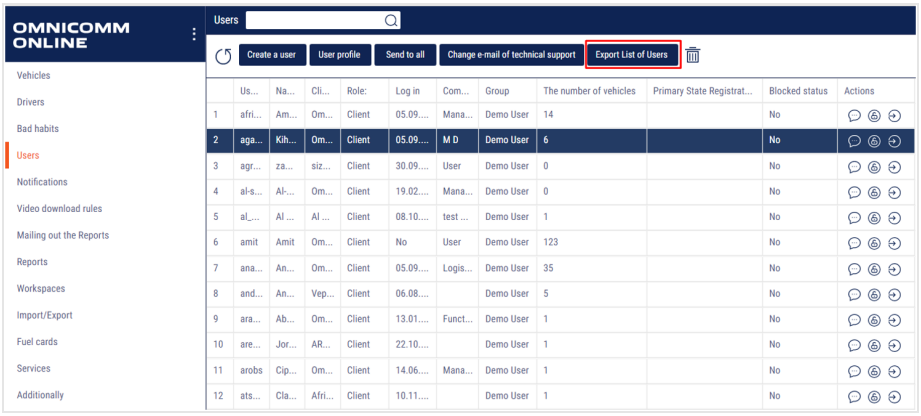
A dynamic geofence is an area with a preset radius assigned to a vehicle. A dynamic geofence can help monitor the operation of machinery when several vehicles interact with each other. For example, when it is necessary to track the number of dump trucks loaded with excavators within a quarry. To solve this problem, the excavator can be defined as a dynamic geofence. When a dump truck enters this area, the data is sent to the OMNICOMM Online monitoring system.

To assign a dynamic geofence to a vehicle, select Create a Dynamic Geofence in the vehicle profile. You can monitor any vehicle activity in the Geofence Visiting report.



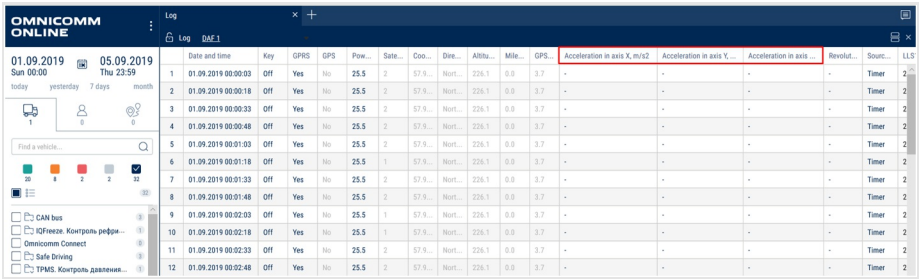
2. User export

You can export a list of users in Excel format from the “Users” section.



3. Accelerometer values displayed in Omnicomm Online

The Log and Violation Details reports now display acceleration values along the accelerometer axes from the onboard device.



Omnicomm Online Release 4.5.11

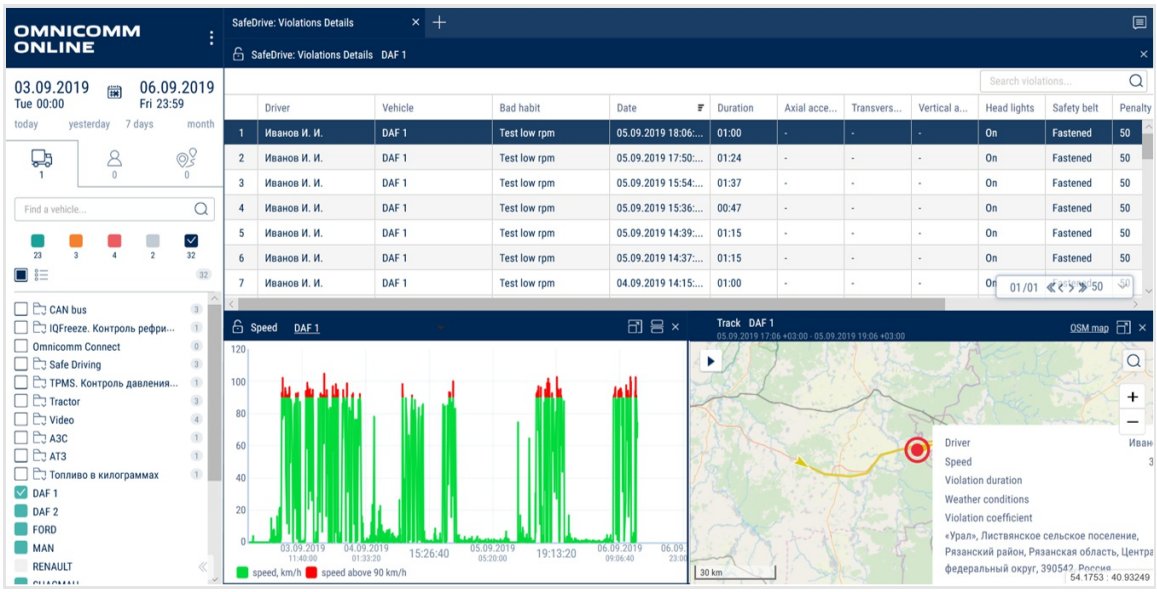
Release date – May 23rd, 2019

Omnicomm Online Release 4.5.11

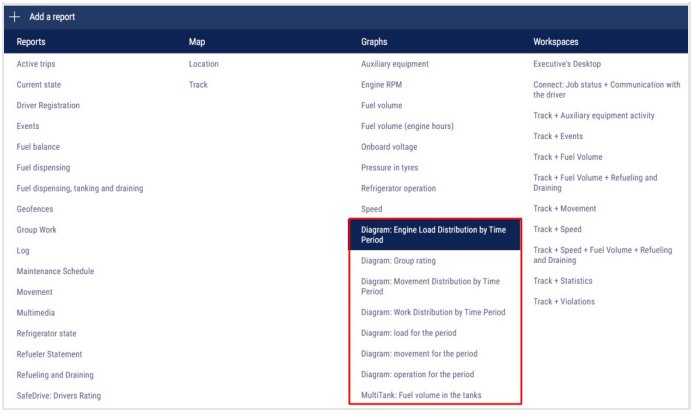
NEW FEATURES IN OMNICOMM ONLINE:

1. Violation Details report

New Safe Driving report of the Violation Details is a dashboard that consists of a table report, a graph and a map report. The Violation Details report facilitates investigation of violation cases. The graph corresponds with the committed violation. For example, if the speed limit is exceeded, the Speed graph will open, and in case of exceeding the engine RPM, the Engine RPM graph will open.

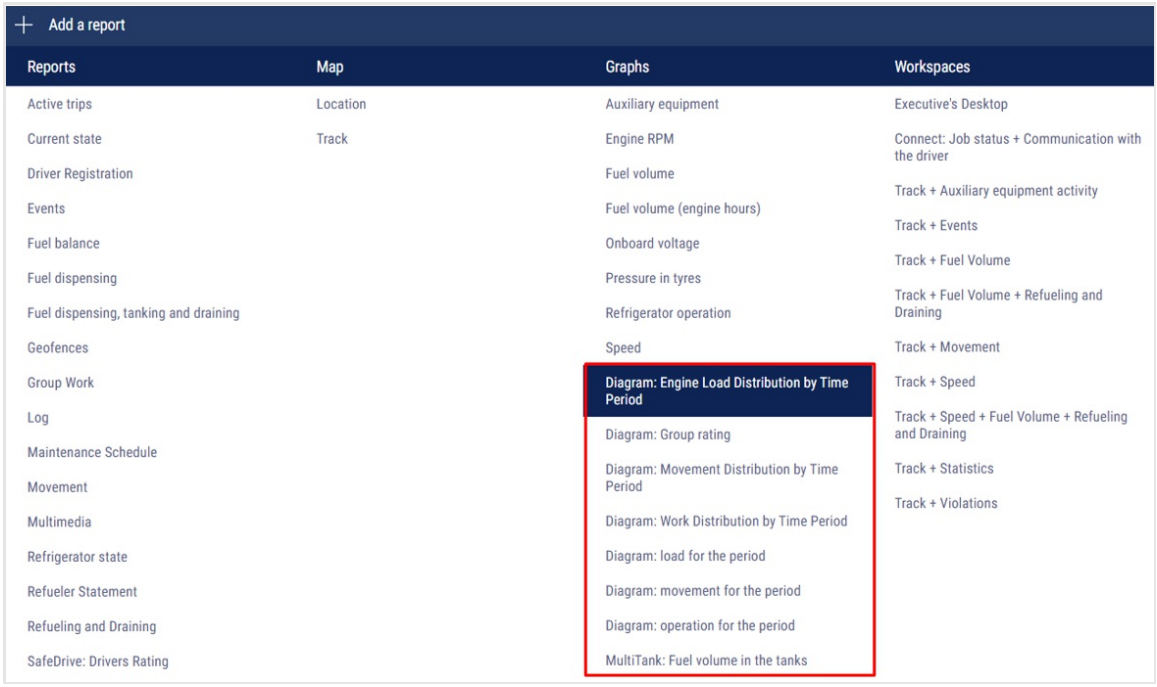


You can set up the parameters to be displayed in the table report and in the pop-up window of the Track report in the context menu of the Violation Details report. The report is available both for a driver and a vehicle.



2. Single location for all diagrams in the graph list

All of the diagrams, including the recently added Engine Load Distribution by Time Period, Group Rating, Movement Distribution by Time Period, Work Distribution by Time Period, Load for the Period, Movement for the Period, Operation for the Period are grouped now at the end of the graph list.



Omnicomm Online Release 4.5.10

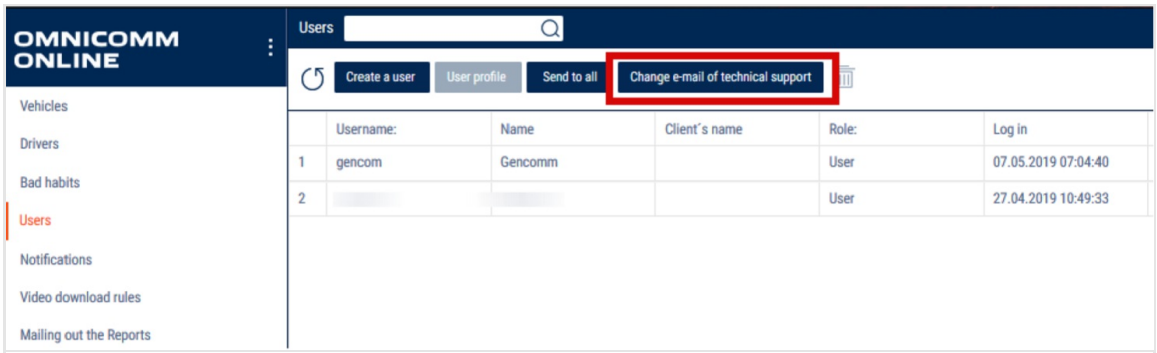
Release date – April 30th, 2019

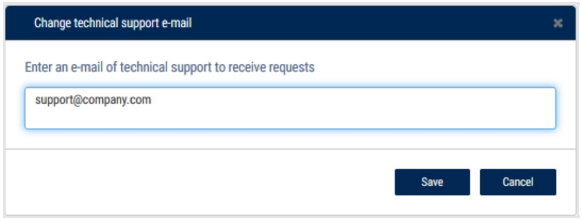
NEW FEATURES IN OMNICOMM ONLINE:

1. Added Change Technical Support E-Mail option in Users section

You can now add an e-mail address which can be used to contact technical support in the Users section. To do so, select Change Technical Support E-Mail and enter the current email address.Please note, that messages addressed to Technical Support will be sent to this email regardless of the email address that previously appeared in the user profile.

Partners who previously had a queue set up in OTRS will continue receiving messages from the users.





Detailed information is available by the following link:
http://doc.omnicomm.ru/en/omnicomm_online-administration/review/connection/message

Omnicomm Online Release 4.5.8

Release date – April 17th, 2019

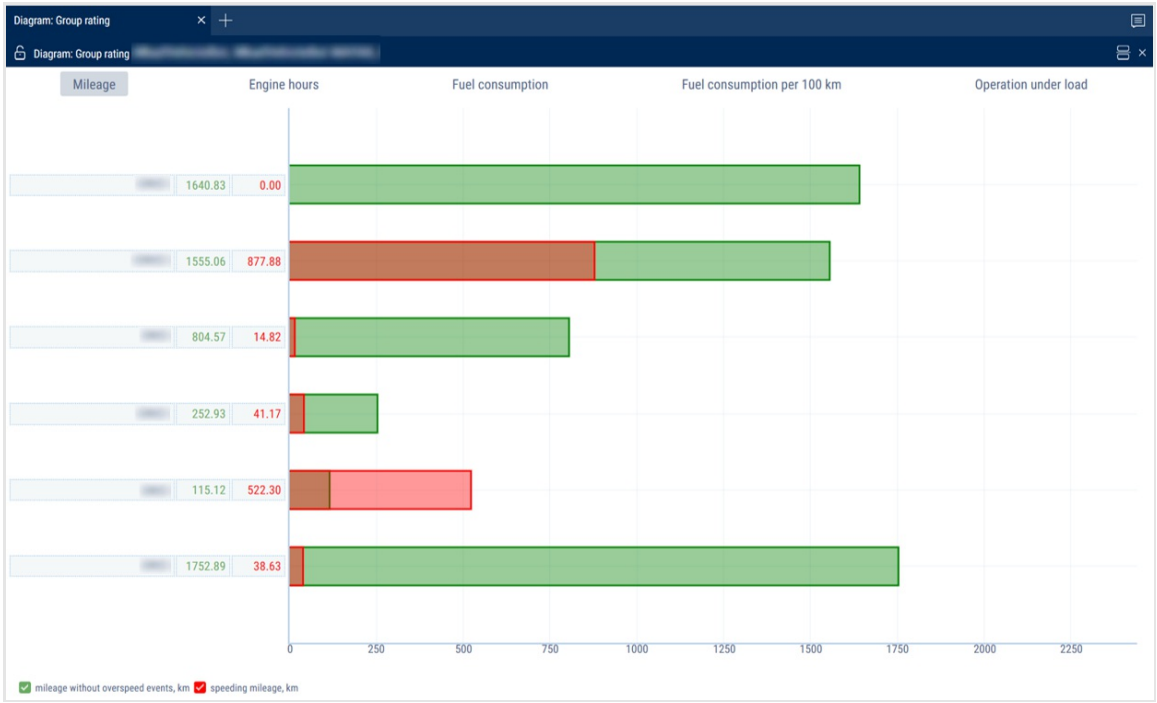
NEW FEATURES IN OMNICOMM ONLINE:

1. New Group Ratings diagram is now available

This diagram displays vehicle ratings by the following parameters:

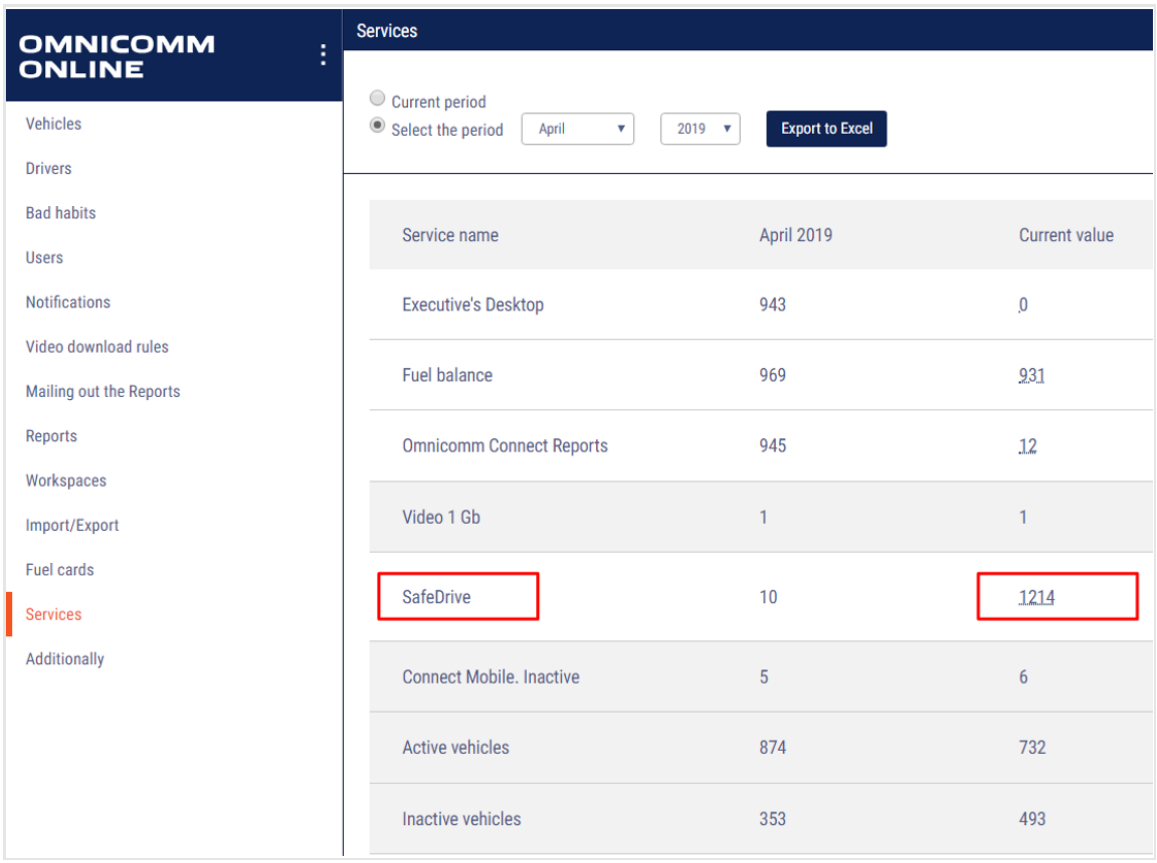
- mileage
- engine hours
- fuel consumption
- consumption per 100 km
- operation under load

The green sections of the chart stay for the vehicles operating inside the set limits, the red parts for the vehicles working above the established thresholds.



2. Activation of Safe Driving for a group of vehicles in the Services menu

You can now activate Safe Driving for a group of vehicles or for the entire monitored fleet at once.



3. New geofence type – Map

You can now add user maps of the area.

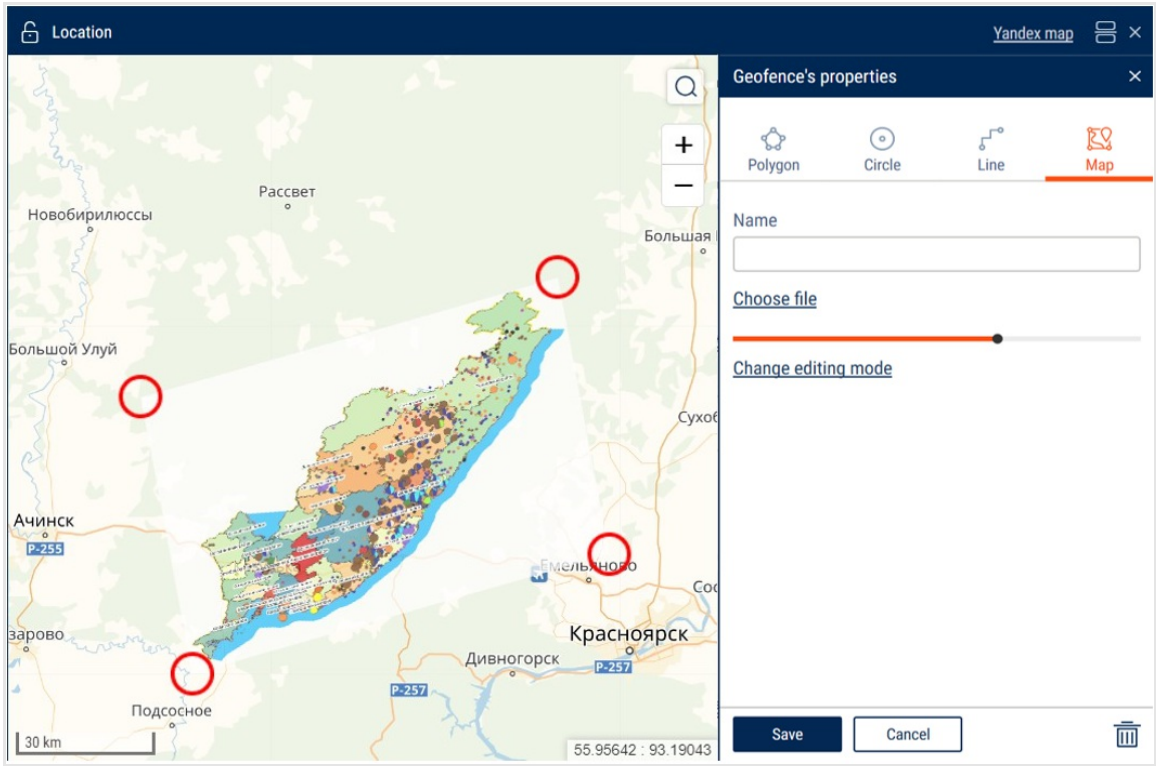
To do so, in the Geofences section:

1. Select the Map icon

2. Click on Choose File and upload the map image to create a geofence. Supported formats: bmp, jpg, jpeg, gif, tiff, tif, png, svg, cdr, sgm, dfx, wmf.

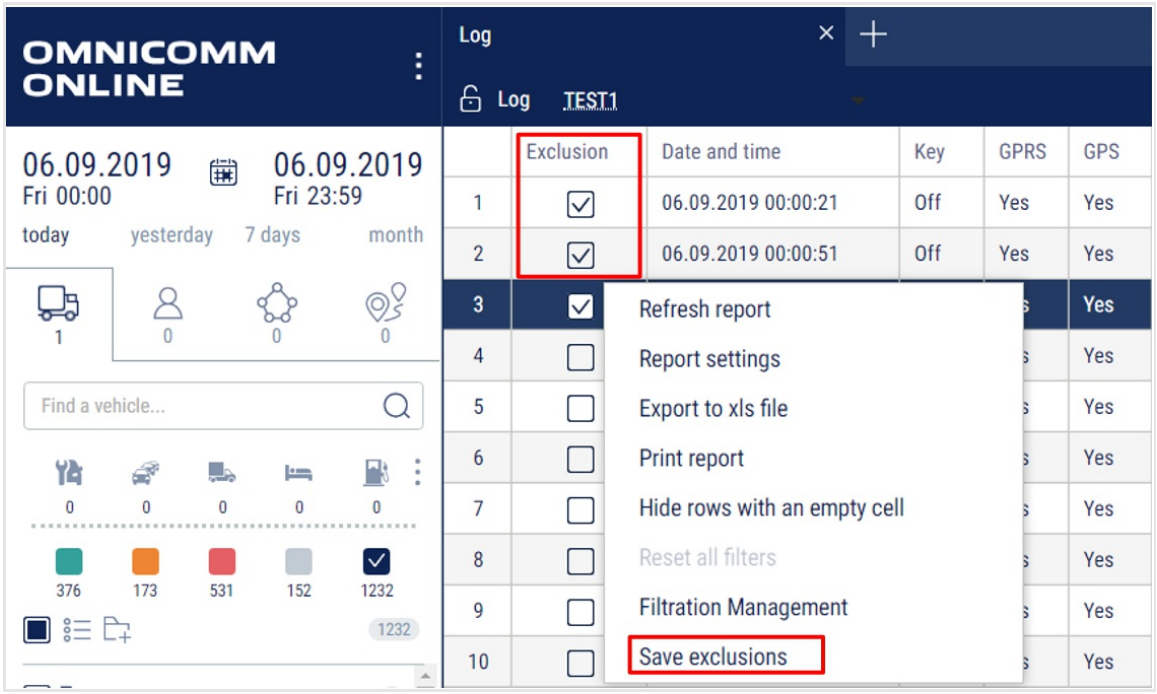
3. Select a point on the map where you wish to create a geofence. A rectangular geofence with the uploaded image will appear on the map.

You can also adjust the opacity of user maps, use the geofence name instead of the address and monitor speed limits in a geofence.



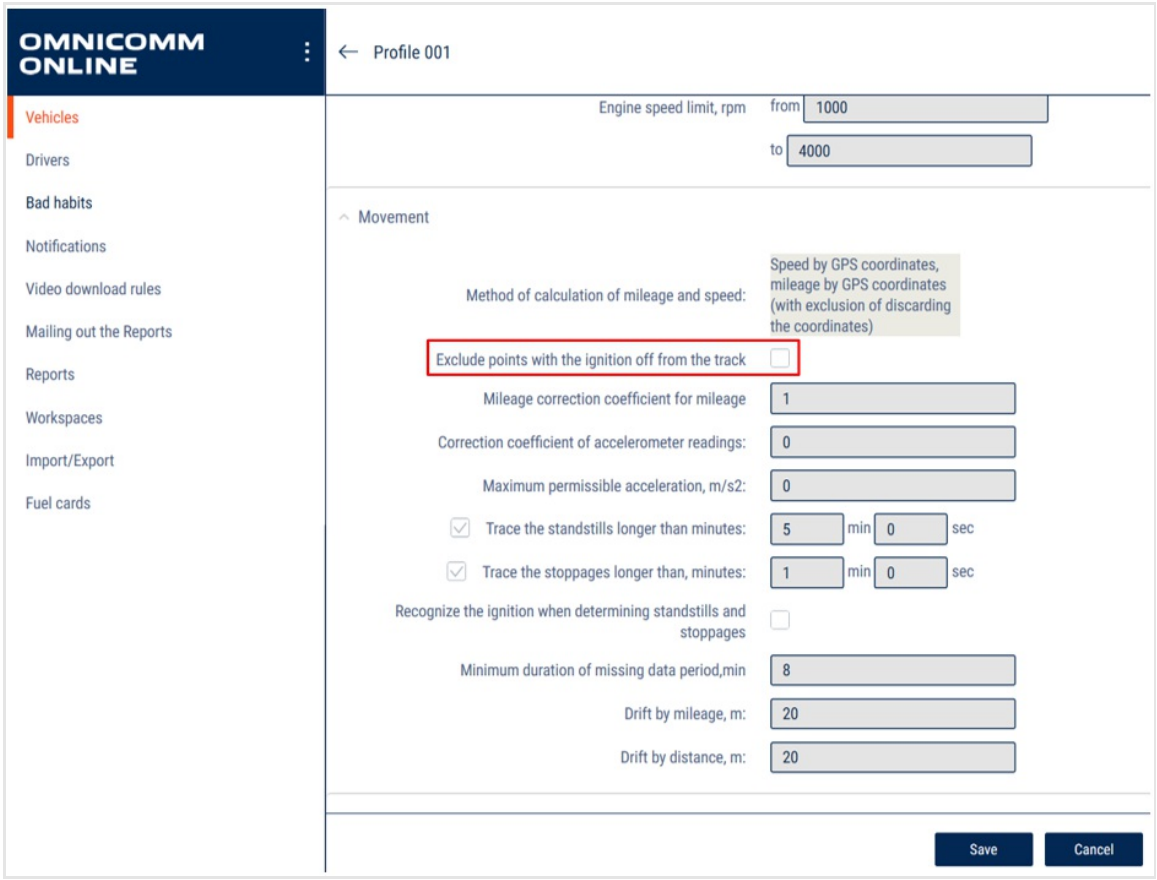
4. Track point exclusion from the Log report and data recalculation in all reports

You can now manually exclude coordinates overshoot from mileage and track calculations. To do this, in the Log report check the Exclude box in the lines you wish to exclude from the calculation for correct results. Then, select Save Exclusions in the context menu. These points will be excluded from track and mileage for all users with rights to the vehicle for which the exception is made. Exclusions may be set only by users with the corresponding permissions.



5. Exclude points from the track when the ignition is off

A solution for the situations when track overshoots appear on third-party terminals when the ignition is off. To build a Track report disregarding the data from a vehicle with the ignition turned off, in the Movement section of the vehicle profile, check the box: Exclude points with the ignition off from the track. When activating the exclusion based on mileage and speed, the points at which the ignition is turned off will be excluded. Exclusion of points from the calculations of mileage and speed occurs only when selecting Method of Calculating Mileage and Speed: Speed by GPS, mileage by GPS coordinates (excluding coordinates overshoot).



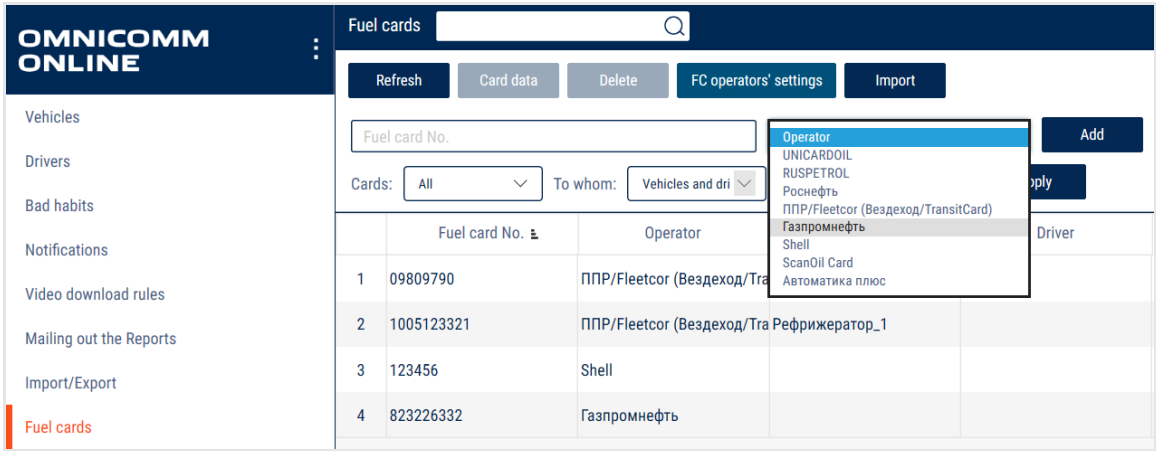
Omnicomm Online Release 4.5.5

Release date – March 26th, 2019

NEW FEATURES IN OMNICOMM ONLINE:

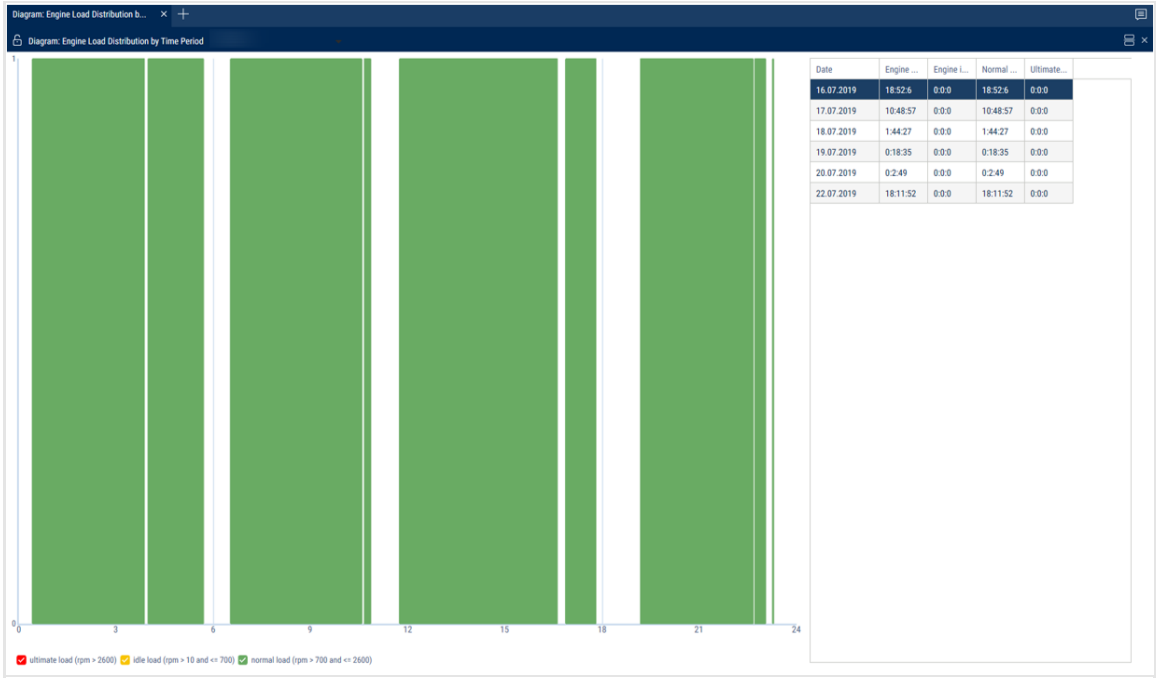
1. Gazpromneft Fuel Cards Support

A new operator has been added to the Fuel Cards section: it is now possible to verify the information on refueling operations paid for using Gazpromneft fuel cards with the refueling data received by OMNICOMM Online from the fuel-level sensor. To use this option clients need to request their supervision in Gazpromneft-Fuel cards.



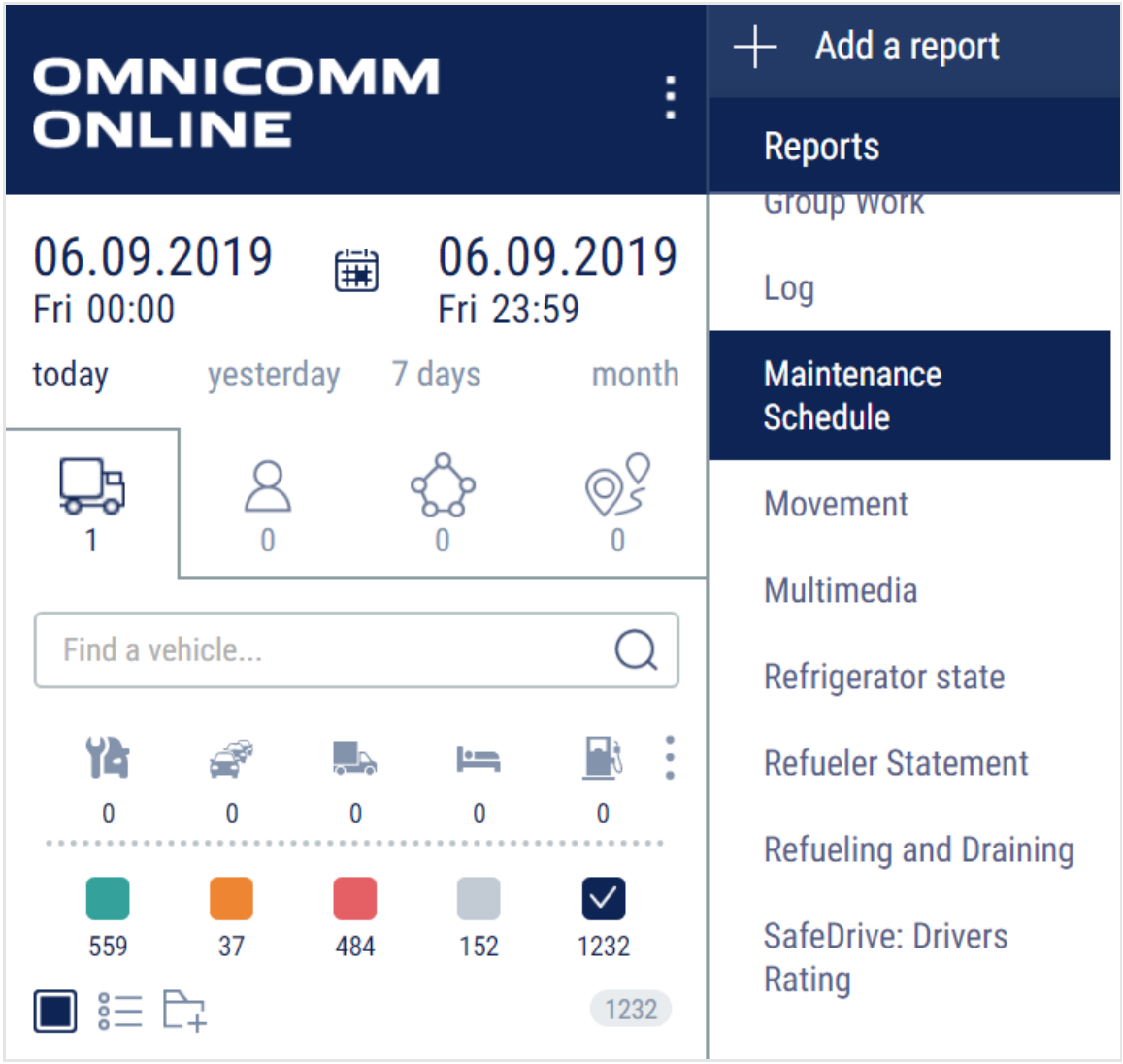
2. Engine Load Distribution by Time Period diagram available

The diagram shows engine running time distribution into idle, normal and overload.



3. Maintenance Schedule Report

Now the report that is used to create maintenance service requests and monitor work progress is available from the general report panel.

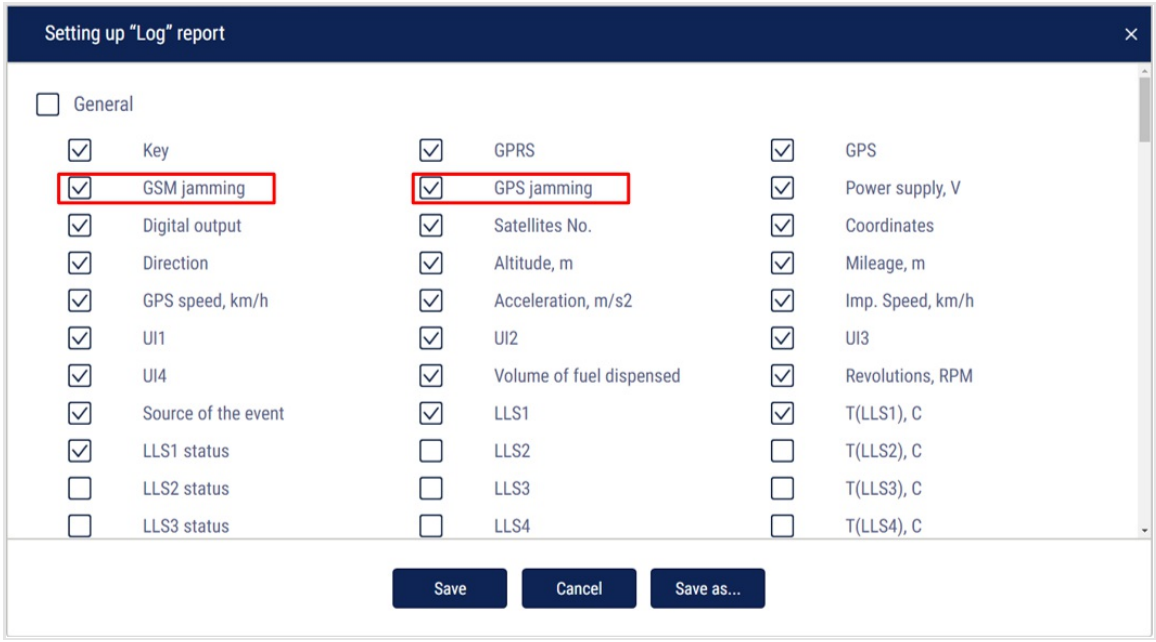


4. New API Features

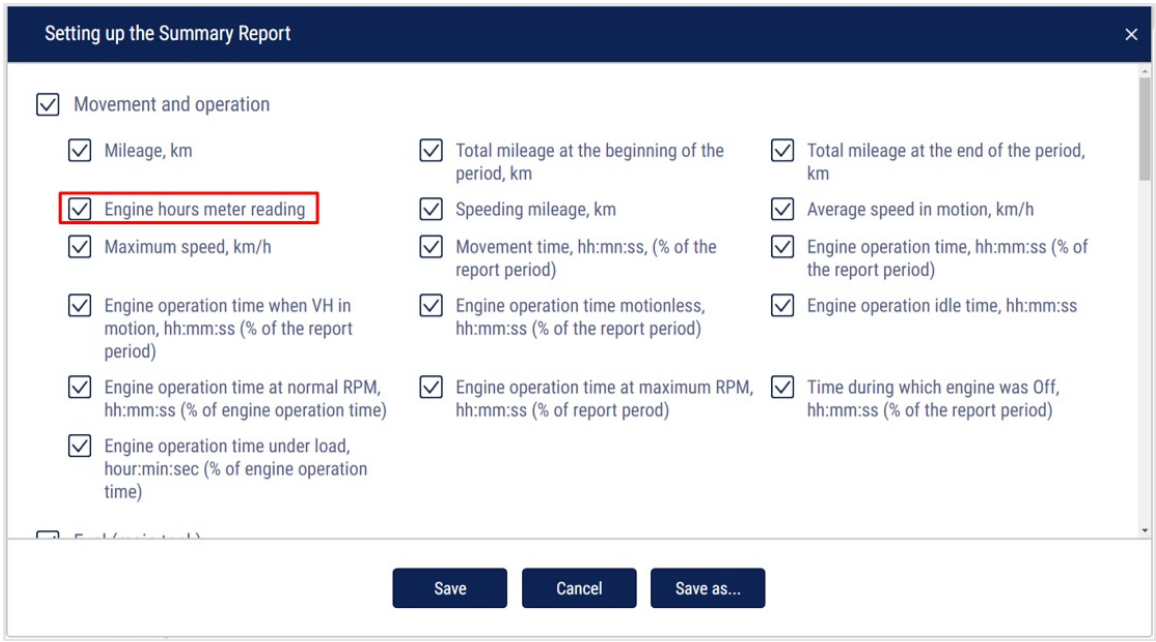
An external application (e.g., an ERP system) can now create a user (an account) or a vehicle profile in OMNICOMM Online. For more information about OMNICOMM Online integration opportunities, please see: http://doc.omnicomm.ru/en/omnicomm_online-integration_api

5. Representation of GSM/GPS signal jamming detection in OMNICOMM Online

The information on cases of active jamming of the GPS and GSM signals and their length detected by Omnicomm on-board terminals is now displayed in the Log report.

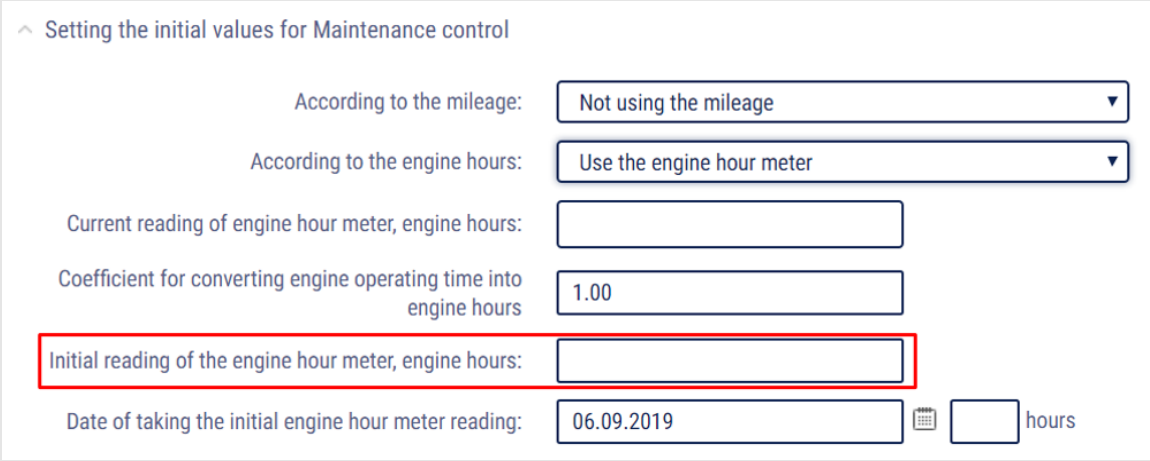


6. Data from the absolute engine meter in the Summary Report



The data from the engine hour meter is now shown in the Summary Report (like in the Maintenance Schedule report)

The initial value of the engine hour meter can be set up in the "Setting the initial values for maintenance control" section of the vehicle profile



7. A tenth of a temperature degree displaying is added in the Log report

8. Changes to the Vehicle Grouping Settings

The option of adding a vehicle to a group or moving it between groups is now available from the vehicle profile. The possibility of changing vehicle grouping has been removed from the object tree to avoid accidental movement of the vehicle between groups.

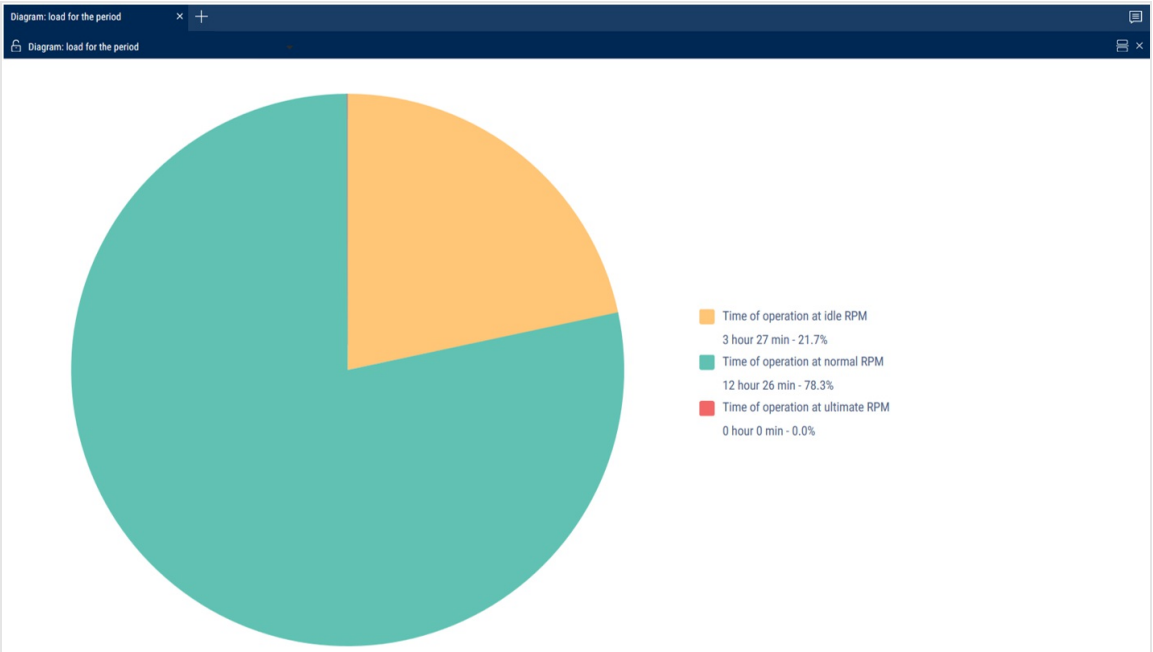
Omnicomm Online Release 4.5.1

Release date – February 26th, 2019

NEW FEATURES IN OMNICOMM ONLINE:

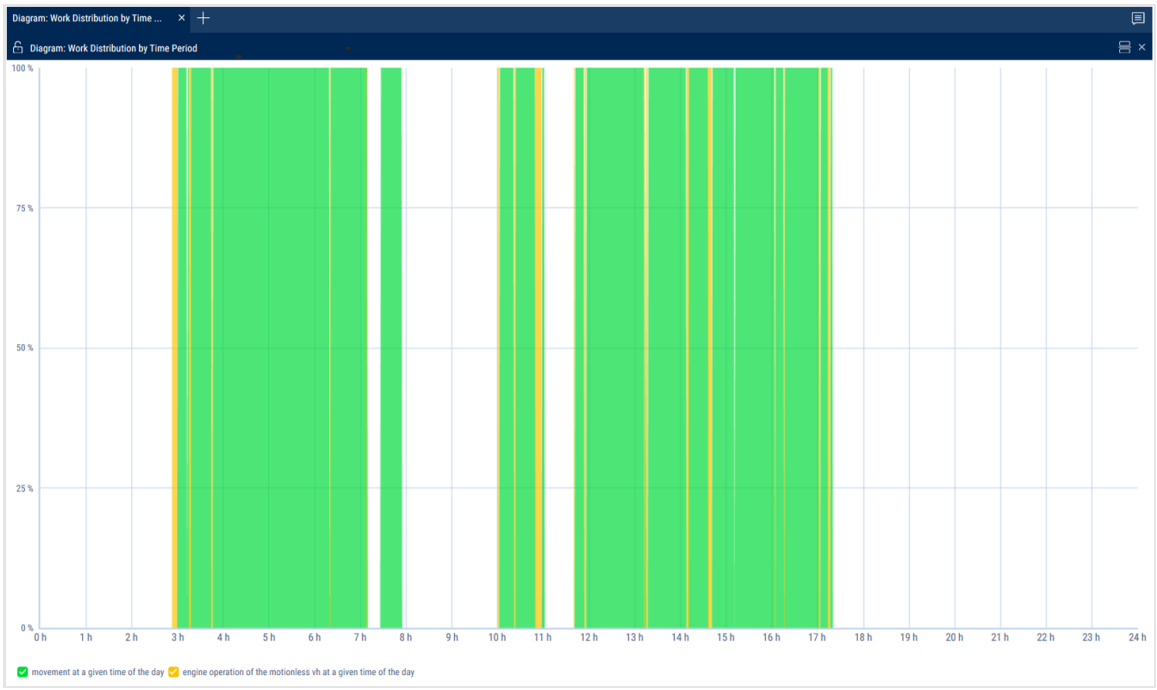
1. Diagram: Load for the Period.

Displays the ratio of the period to the engine running time at idle, nominal and full loads.



2. Diagram: Work Distribution by Time Period

Diaplays the ratio of VH movement and standstill.



3. Internal Algorithm System Work is Optimized

4. Driver registration adjusted in Omnicomm Connect: Communication with the Driver, Job Status reports

5. Pinning of drivers by RFID/I-button in the Fuel Balance and Refueler Statement reports adjusted

Omnicomm Online Release 4.4.6

Release date – January 29th, 2019

NEW FEATURES IN OMNICOMM ONLINE:

1. RFID in Refueler Statement Report

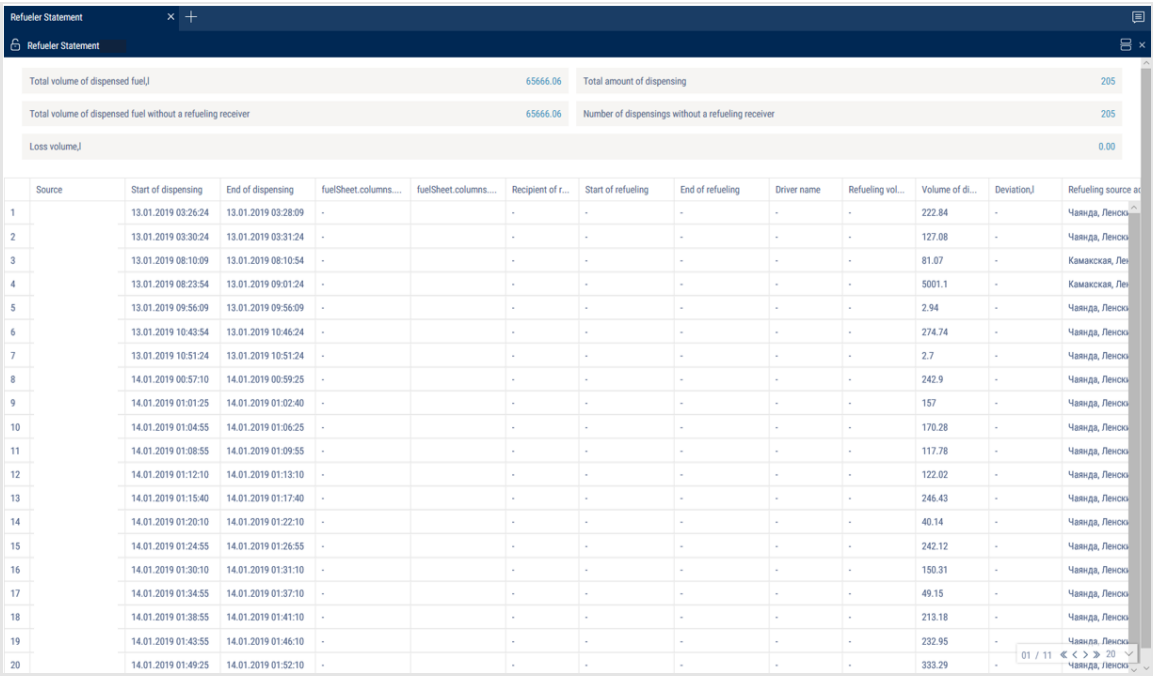
For filling stations/fuel tankers equipped with RFID/iButton readers there appeared a possibility to control fuel dispensing to the vehicles without fuel level sensors installed.

The card number used during the dispensing is shown in the RFID/iButton column. BWhen the card is assigned to the driver, his data is also reflected in the Assigned column. These functions are useful when fuel is dispensed for light vehicles, buses, etc., where fuel level sensors installation is unreasonable.

Another case is refueling of the rented vehicles that are not equipped with monitoring devices.

New columns of the report:

- iButton number
- The card is assigned



	Source	Start of dispensing	End of dispensing	fuelSheet.columns....	fuelSheet.columns....	Recipient of r...	Start of refueling	End of refueling	Driver name	Refueling vol...	Volume of di...	Deviation,l	Refueling source ac
1		13.01.2019 03:26:24	13.01.2019 03:28:09	-		-	-	-	-	-	222.84	-	Чаянда, Ленски
2		13.01.2019 03:30:24	13.01.2019 03:31:24	-		-	-	-	-	-	127.08	-	Чаянда, Ленски
3		13.01.2019 08:10:09	13.01.2019 08:10:54	-		-	-	-	-	-	81.07	-	Камакская, Лен
4		13.01.2019 08:23:54	13.01.2019 09:01:24	-		-	-	-	-	-	5001.1	-	Камакская, Лен
5		13.01.2019 09:56:09	13.01.2019 09:56:09	-		-	-	-	-	-	2.94	-	Чаянда, Ленски
6		13.01.2019 10:43:54	13.01.2019 10:46:24	-		-	-	-	-	-	274.74	-	Чаянда, Ленски
7		13.01.2019 10:51:24	13.01.2019 10:51:24	-		-	-	-	-	-	2.7	-	Чаянда, Ленски
8		14.01.2019 00:57:10	14.01.2019 00:59:25	-		-	-	-	-	-	242.9	-	Чаянда, Ленски
9		14.01.2019 01:01:25	14.01.2019 01:02:40	-		-	-	-	-	-	157	-	Чаянда, Ленски
10		14.01.2019 01:04:55	14.01.2019 01:06:25	-		-	-	-	-	-	170.28	-	Чаянда, Ленски
11		14.01.2019 01:08:55	14.01.2019 01:09:55	-		-	-	-	-	-	117.78	-	Чаянда, Ленски
12		14.01.2019 01:12:10	14.01.2019 01:13:10	-		-	-	-	-	-	122.02	-	Чаянда, Ленски
13		14.01.2019 01:15:40	14.01.2019 01:17:40	-		-	-	-	-	-	246.43	-	Чаянда, Ленски
14		14.01.2019 01:20:10	14.01.2019 01:22:10	-		-	-	-	-	-	40.14	-	Чаянда, Ленски
15		14.01.2019 01:24:55	14.01.2019 01:26:55	-		-	-	-	-	-	242.12	-	Чаянда, Ленски
16		14.01.2019 01:30:10	14.01.2019 01:31:10	-		-	-	-	-	-	150.31	-	Чаянда, Ленски
17		14.01.2019 01:34:55	14.01.2019 01:37:10	-		-	-	-	-	-	49.15	-	Чаянда, Ленски
18		14.01.2019 01:38:55	14.01.2019 01:41:10	-		-	-	-	-	-	213.18	-	Чаянда, Ленски
19		14.01.2019 01:43:55	14.01.2019 01:46:10	-		-	-	-	-	-	232.95	-	Чаянда, Ленски
20		14.01.2019 01:49:25	14.01.2019 01:52:10	-		-	-	-	-	-	333.29	-	Чаянда, Ленски

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2. Exzotron in Refueler Statement Report

Filling stations/fuel tankers equipped with fuel dispensing controllers manufactured by Exzotron with a built-in total counter, that duplicates the mechanical total counter, there appeared a possibility in the report to receive data about the volume of the dispensed fuel as an accrued total at the beginning and at the end of the report generating period. Thus, there is one more instrument of task-oriented fuel dispensing control.

Additional reporting indices:

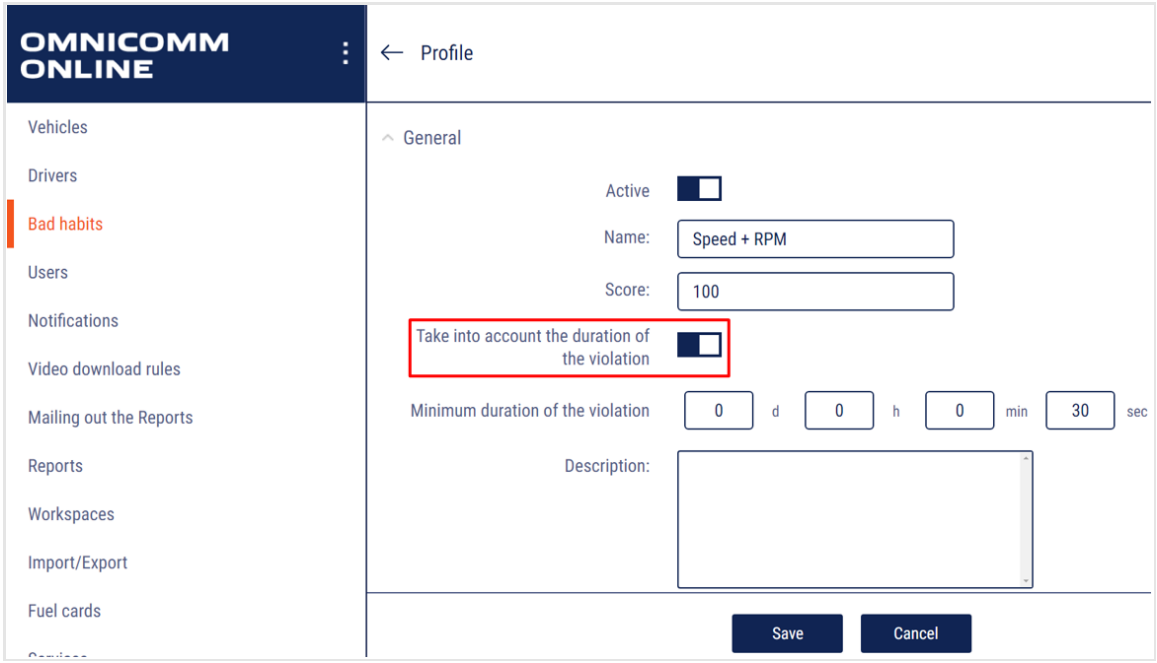
- Total meter readings at the beginning of the reporting period
- Total meter readings at the end of the reporting period

3. Safe Driving: Multiplication of the Event Period by Penalty Points

There is a new setting in the Bad Habits section to accrue penalty points with a higher precision.

When a driver commits one or more continuous violations, the system considers the intersection duration of violations committed by all the participants in the Bad Habit.

In Administration section when creating or editing a bad habit, Consider that the Violation Duration parameter should be activated.



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Additional reporting indices:

- Total meter readings at the beginning of the reporting period

- Total meter readings at the end of the reporting period

6. iButton 14-digit numbers are supported

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info@omnicomm-world.com
www.omnicomm-world.com