

winalon

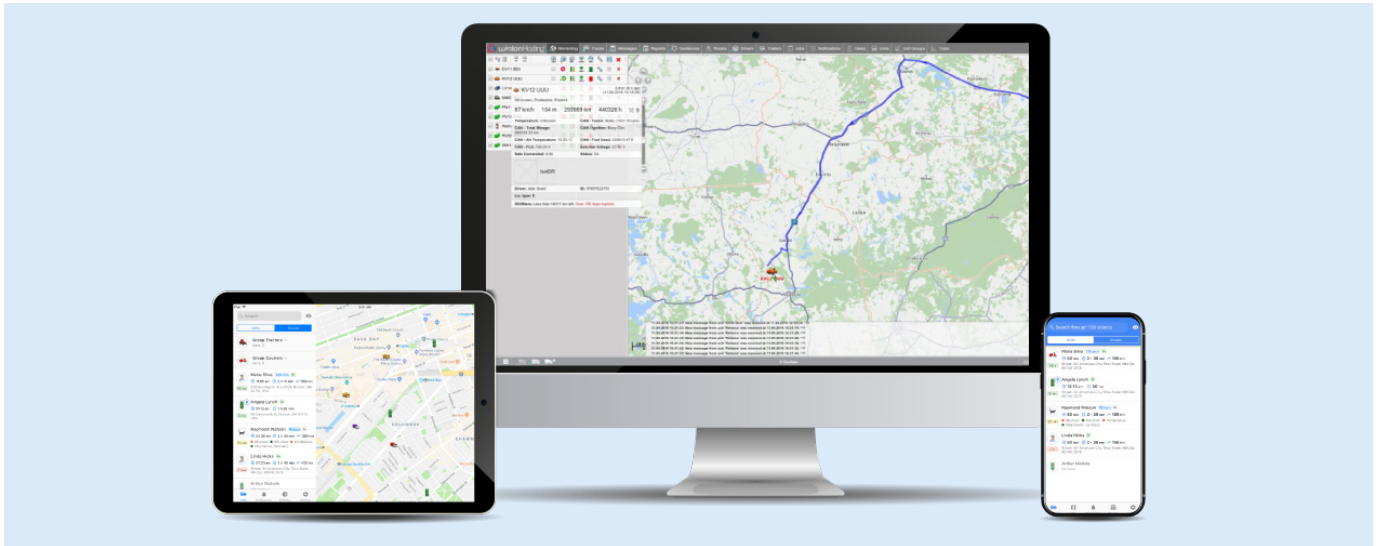
Ultimate platform for GPS
tracking and IoT

Mobile apps and
niche solutions



GURTAM
gurtam.com

Wialon: the ultimate solution for intelligent GPS tracking and fleet management



Companies in 130+ countries choose Wialon to track 2,900,000 assets worldwide. You can instantly start using the system with almost any type of AVL hardware, personal, asset, satellite trackers, and various MDVRs. The universal platform goes beyond simple monitoring and allows you to launch tracking in remote areas with satellite communication option and benefit from sophisticated video monitoring solutions.

Wialon promotes advanced security, ensures precise location detection and total visibility into the performance of your assets through real-time monitoring, powerful analytics, alert and notification system allowing for early response to any emergencies.

Wialon: the ultimate solution for intelligent GPS tracking and fleet management

Scope of application:

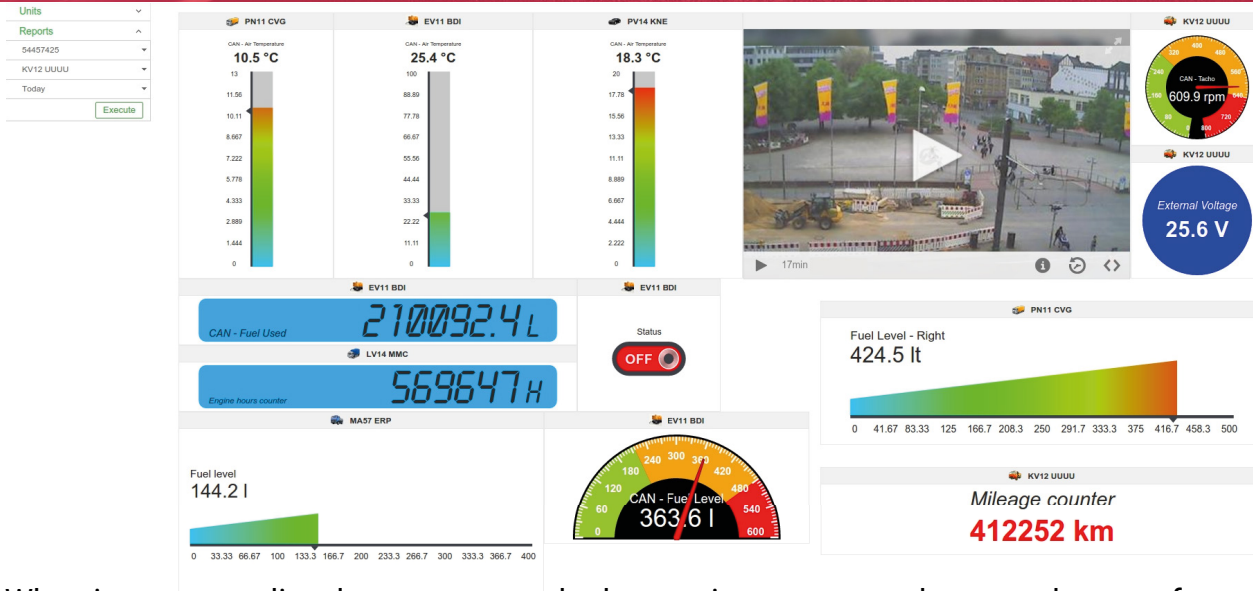
- ♦ Fleet performance analysis
- ♦ Mobile workforce management
- ♦ Driver behavior monitoring
- ♦ Fuel consumption control
- ♦ Video surveillance
- ♦ Real-time monitoring
- ♦ Maintenance management
- ♦ Hazardous/FMCG goods transportation control
- ♦ COVID quarantine monitoring

System functionality:

- ♦ GPS/LBS location detection
- ♦ Alert and notification system
- ♦ In/out geofence control
- ♦ Fuel consumption/fillings/thefts reports
- ♦ Video telematics solution
- ♦ CAN bus data reading
- ♦ Route optimization/management
- ♦ Flexible report-building tools
- ♦ Data capture from sensors, counters, RFID readers, etc.



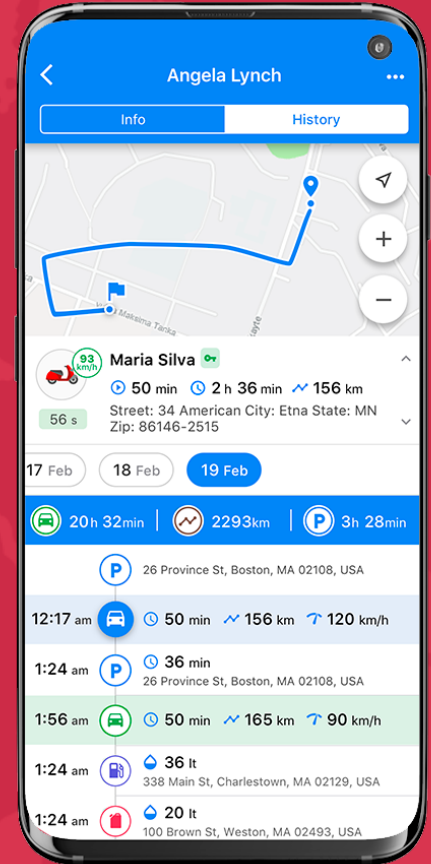
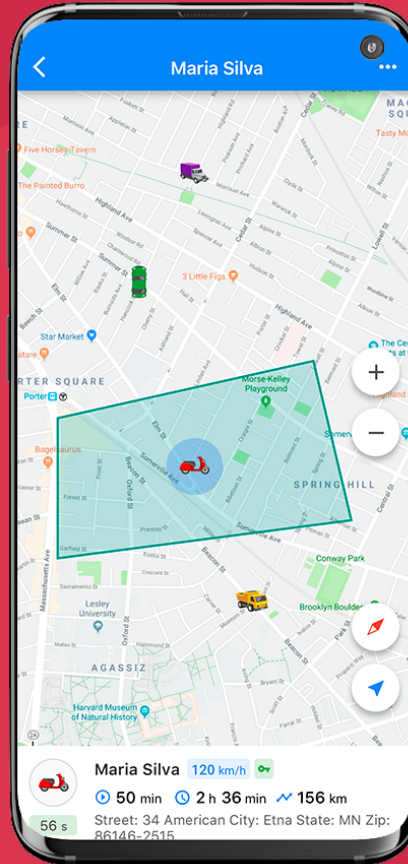
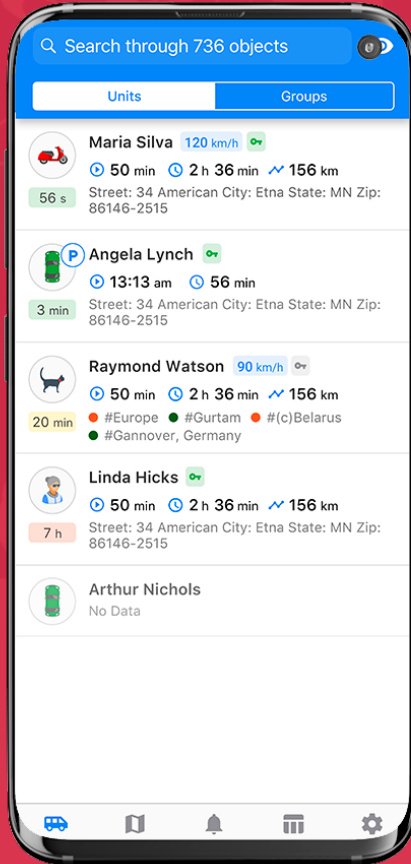
Sensolator: a convenient control panel designed to monitor sensor performance



When it comes to diesel generators and other stationary assets there are dozens of parameters to control. Sensolator is used to visualize counters and sensors from one to any number of units. It is intended both for online tracking and performance analysis based on historical data.

- ♦ Fully customizable interface for real-time asset management
- ♦ Drag-and-drop feature to reorganize dashboard
- ♦ Online alarms, SMS, and email notifications to respond to device failure
- ♦ Video streaming from the specified URL
- ♦ Report generation from flexible templates
- ♦ Command-sending capabilities
- ♦ Multiple ways to customize counter and sensor visualization

Wialon app for iOS and Android



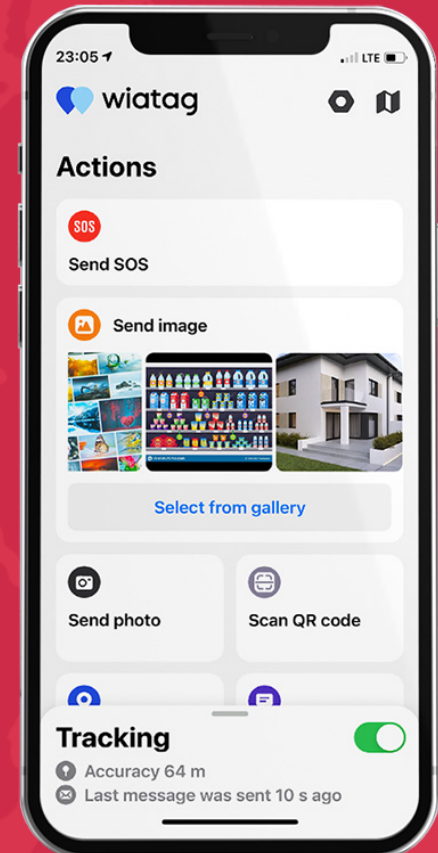
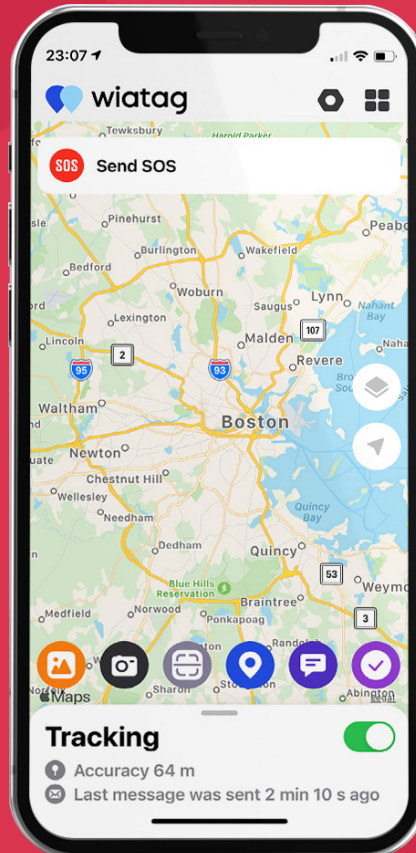
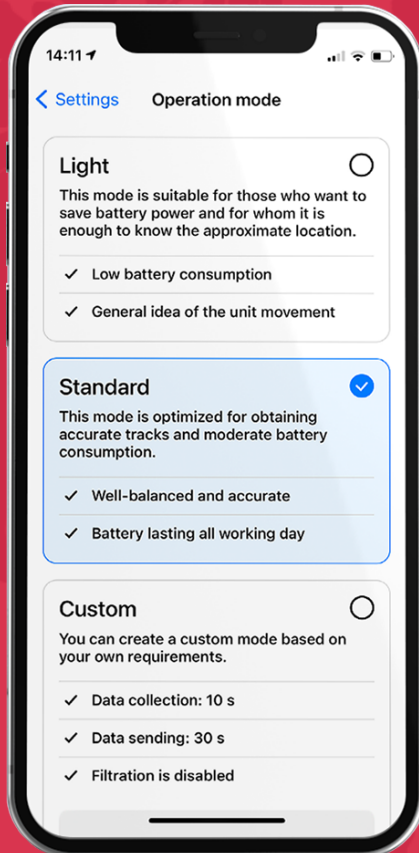
Wialon app for iOS and Android

With the mobile Wialon app, maintain access to Wialon GPS tracking platform anytime, anywhere. It offers both basic and advanced functionality of the desktop version in a user-friendly mobile interface.

Features

- ♦ **Units list control**
Get all the necessary information on movement and ignition state, data actuality, and unit location in real time.
- ♦ **Commands**
Send commands: message, route, requests for configuration or photo from the camera for the unit remote control.
- ♦ **Geofences**
Switch on/off the visual display of the unit's location inside of a geofence instead of address information.
- ♦ **Informative reports**
Use the detailed data on the vehicle's rides, stops, fuel thefts, and fillings for decision-making on the spot.
- ♦ **History**
Control the unit's events (movement, stop, fuel filling, fuel theft) in chronological order and display them on the map.
- ♦ **Map mode**
Access units, geofences, tracks and event markers on the map with the option to detect your own location.

WiaTag: GPS tracker in your smartphone



WiaTag: GPS tracker in your smartphone

It is an effective and easy-to-use iOS/Android app turning your device into a GPS tracker. The application relieves you from costs associated with hardware acquisition and allows starting effective personal tracking and workforce management with a single mobile device.

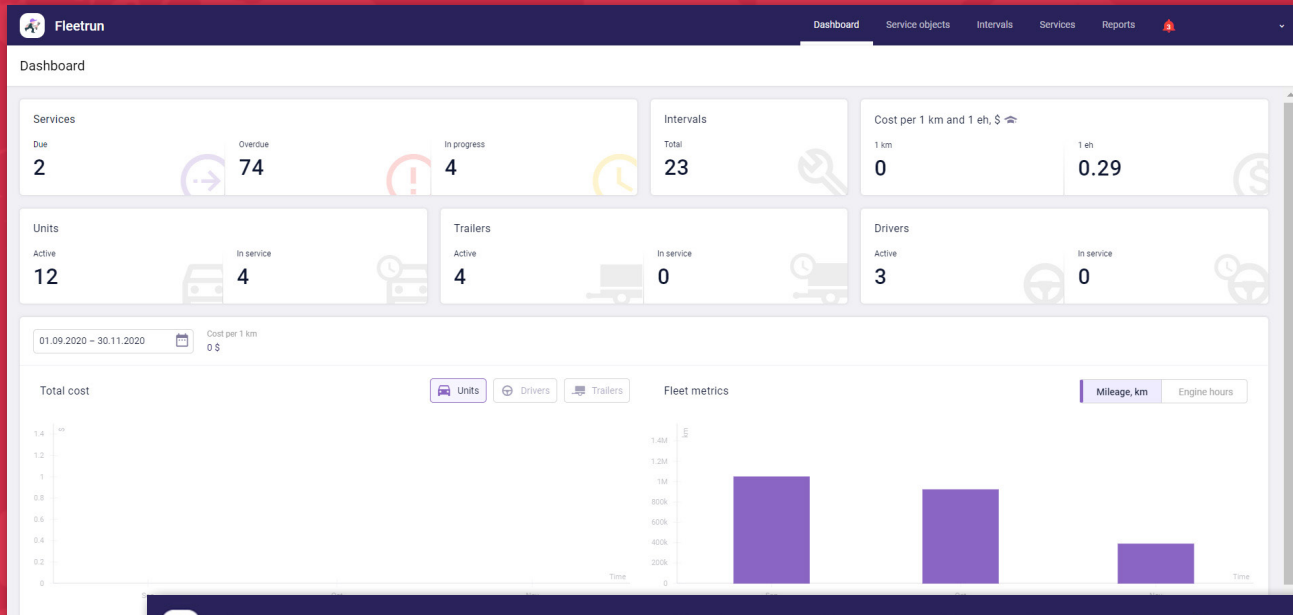
Features

- ♦ **Latest data at hand**
View the main tracking parameters on the home screen for quick checks.
- ♦ **Data from workers**
Workers are able to send pictures, SOS messages, or location info.
- ♦ **WiaTag Configurator**
Configure units in bulk and remotely, generate QR codes to quickly log in to the app, and request logs from devices for diagnostics without user participation.
- ♦ **Various user modes**
Choose the best mode for a perfect balance between battery life and data precision.
- ♦ **Remote control**
Request actions such as a camera snapshot or a service stop and change settings of the app remotely.
- ♦ **Chat with employees**
Send and receive various types of messages from the field workers.

What's more?

Add the GPS tracker functionality to a custom application. With WiaTagKit, you get the ready-made component, which means you don't have to spend extra time and money for development. The elaborated communication protocol for Wialon helps you release the new solutions faster. Use the library for iOS, Android, and any devices with Java apps support.

Fleetrun: the solution for fleet maintenance control



The Services list table displays upcoming maintenance tasks. It includes filters for Units, Drivers, and Trailers, and a 'Create service' button. The table has columns for Service, Service object, Term of completion, and Estimated service date.

Service	Service object	Term of completion:	Estimated service date
24,000-KM Preventive Maintenance Ser... Preventive Maintenance 24,000-KM Serv...	Mercedes-Benz 1(Other)	In: 98 480 km	18.05.2021
24,000-KM Preventive Maintenance Ser... Preventive Maintenance 24,000-KM Serv...	Mercedes-Benz 2(Van)	In: 96 980 km	15.05.2021

Fleetrun: the solution for fleet maintenance control

This app is designed to control all types of works, services, and expenditures for spare parts, vehicles, and even miles driven. We developed it for those willing to cut operating costs, avoid critical breakdowns, and minimize the time spent at service stations.

Features

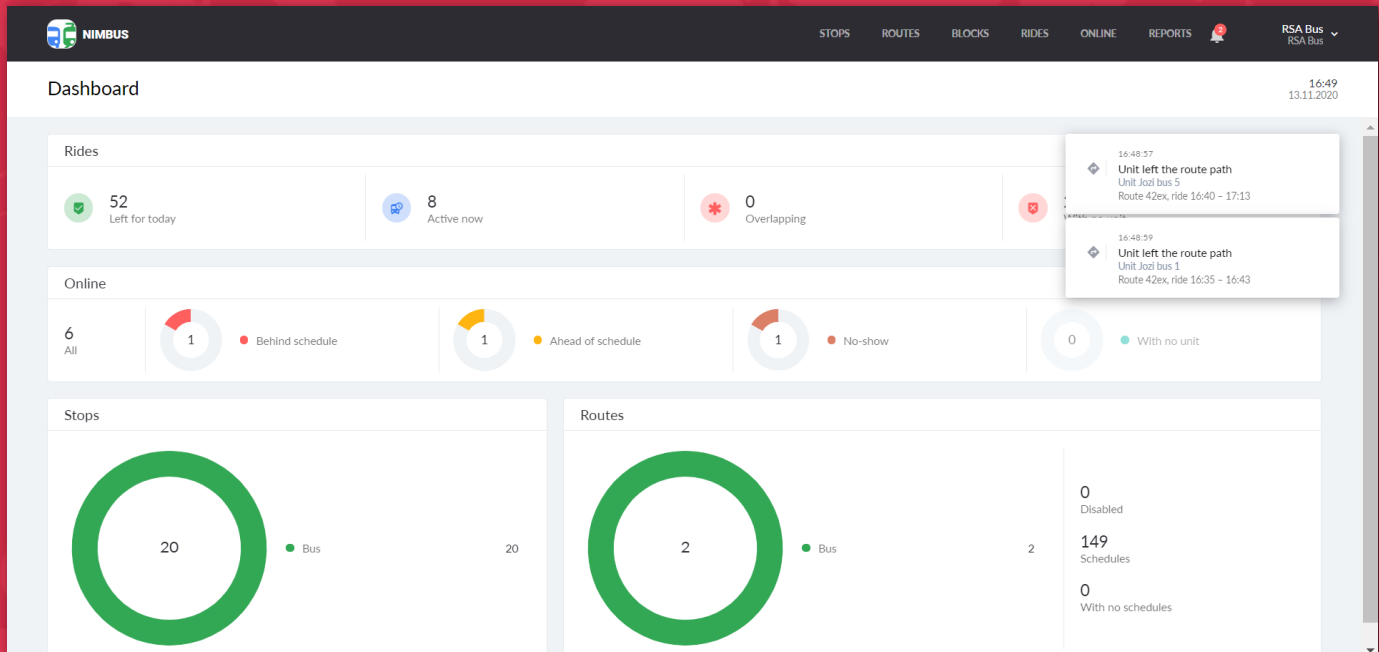
- ♦ **List of units**
Access to data on mileage, engine hours, Services, and advanced information on each unit
- ♦ **Reports**
Analysis of the performed Services by fleets, units, and intervals
- ♦ **Intervals**
Automated Service creation by time, mileage, and engine hours for the specified units
- ♦ **Services**
Registration of works in the system: types, duration, spare parts, prices, and results

What's more?

Analyze the fleet status — overdue services, financial and time expenditures. Create the hierarchy of users and distribute the responsibilities among the workers with the help of access rights. Invest in the vehicles with high mileage but no breakdowns and give up those going out of order not even leaving the fleet yard.

Plan the workload bearing in mind how many vehicles are not running or will undergo the service shortly.

NimBus: the solution for public transportation companies



The 'Reports' section displays a detailed table of rides for unit Jozi bus 1. The table includes columns for Route, Date, Block, Schedule, Beginning, End, Duration, Avg deviation, Max hurry, Max delay, Stops, Result, Off the rou..., and Mileage. The table is filtered by the date 01.11.2020 and shows a total of 329 planned rides, with 164 fulfilled and 165 not fulfilled. The average deviation is 7 min, and the maximum delay is 10 min.

Route	Date	Block	Schedule	Beginning	End	Duration	Avg deviation	Max hurry	Max delay	Stops	Result	Off the rou...	Mileage
42ex SA Bp Express — SA Bus Station (straight)	01.11.2020	B1	08:00 - 08:33	01.11.2020 07:50	01.11.2020 07:50	0	43 min	43 min	0 min	1/12	Not fulfilled	0	—
42ex SA Cornelius Rd — SA Dr. Pt Retief (Back direction)	01.11.2020	B1	08:35 - 08:43	01.11.2020 08:39	01.11.2020 08:52	13 min	7 min	0 min	10 min	8/8	Fulfilled	7	1568.12 km
42ex SA Bp Express — SA Bus Station (straight)	01.11.2020	B1	09:00 - 09:33	01.11.2020 08:53	01.11.2020 08:53	0	40 min	40 min	0 min	1/12	Not fulfilled	0	—
42ex SA Cornelius Rd — SA Dr. Pt Retief (Back direction)	01.11.2020	B1	09:35 - 09:43	01.11.2020 09:39	01.11.2020 09:52	14 min	7 min	0 min	10 min	8/8	Fulfilled	7	1568.12 km

NimBus: the new solution for public transportation companies

This module is designed to control vehicles on route. The service enables route planning and performance control, proper distribution of vehicles between rides and precise schedule management. The solution also ensures efficient real-time monitoring and detailed reports on fleet activity.

Features

- ♦ **Handling stops**
Create and import stops distinguished by a vehicle type; make use of quick search and detailed description.
- ♦ **Routes management**
Generate routes with precise schedules, individual operating patterns and bound units.
- ♦ **Online tracking**
Employ handy timeline, quick notifications, and multiple mapping options to control late/early arrivals and deviations from routes.
- ♦ **Rides**
Plan rides based on active routes with schedules and operating patterns.

What's more?

NimBus features intuitive navigation and user-friendly interface, handy timeline and event-based notifications for online tracking, special ACL system and the proprietary API for third-party software integration and custom developments.

Logistics: the solution for delivery monitoring

The screenshot displays the Gurtam Logistics software interface, which is divided into several functional areas:

- Left Sidebar:** Contains navigation icons and a menu with options: **PLANNING**, **NEW ORDER**, **IMPORT ORDERS**, **TEMPLATES**, **ROUTES**, **REPORTS**, and **CHAT**. Below the menu is a search bar and filters for **Orders type** (Single, Permanent), **Delivery Interval** (2020-11-16), **Warehouse** (Without warehouses), **Geofences**, **Warehouse parameters** (Tags), and **Tags** (fragile, vip).
- Top Section:** A table listing orders with columns: **Name**, **Address**, **Delivery inter...**, **Comment ...**, **Cost**, **Wei...**, **Vol...**, and **Vehicle**. The table shows 5 orders, with the 5th order (Smartphone case) selected.
- Order Details:** Below the table, the selected order (Smartphone case) is shown with details: **Order Printer**, **12A Street 7, Al Quoz 1, Dubai, UAE**, **Delivery interval** (00:00 – 23:59), **Cost** (125 \$), **Weight** (6.5 kg), **Vehicle type** (Courier), and **Comment (order)** (Please be polite with h...).
- Route Planning:** A map view showing the delivery route. The route starts at the warehouse and goes to the delivery address. The route is marked with a dashed line and numbered stops.
- Route Summary:** A panel on the right side of the map provides summary information: **Fast Delivery Vehicle (Logistics)**, **Orders** (4), **Estimated route duration** (1 h 46 min), **Actual route duration** (0 h 00 min), **Estimated mileage** (99.1 km), **Cost** (1020 \$), **Weight** (20.4 kg), **Volume** (0.125), and **Driver** (Delivery guy). It also includes a **Route state** section with options: **Active** (selected), **Planning**, and **Fulfilled**.

Logistics: the solution for delivery monitoring

The service allows performing a wide range of tasks in the area of logistics and delivery – transportation arrangements, delivery route optimization and cost saving. Logistics comprises a web-version for dispatchers and a mobile application for drivers.

Features

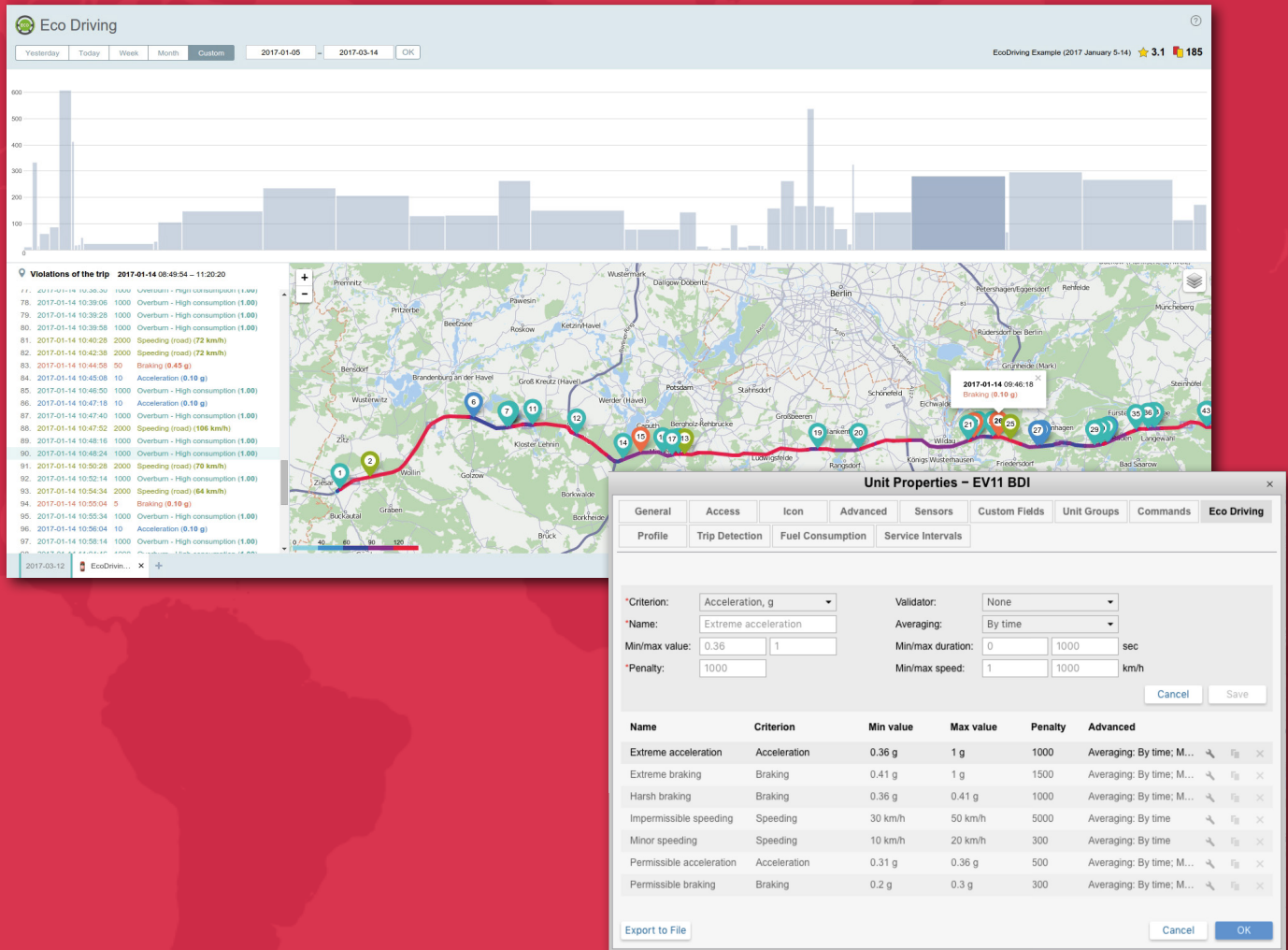
- ♦ **Orders**
Create or import orders with the detailed description.
- ♦ **Delivery route planning**
Select orders and vehicles and get preliminary routes comprising data on the estimated arrival time and mileage. Use Google Maps data for precise address info and routing.
- ♦ **Delivery process monitoring**
Track the delivery process in real-time mode and respond to emerging issues through phone calls or chatting with the driver.
- ♦ **Reports and notifications**
Get analytics from reports and communicate with clients by e-mail notifications with built-in HTML editor.

What's more?

The app web-version ensures effective operating procedures management: order placement, planning and distribution, Google Maps-based routing, delivery process monitoring and coordination.

Logistics mobile app is designed for delivery men and mobile employees.

Eco Driving: improve fleet safety, reduce fuel cost, and enhance cargo safety



Driver behavior monitoring

Flexible configuration allows creating a customizable driving quality assessment model based on violation criteria and coefficients that can be set for each vehicle individually.

Each violation adds penalty points that may be used as a basis for driver ranking. The fewer penalty points you get, the higher the rank and the quality of driving are.

Individual sets of criteria

- ♦ **View the detailed presentation** of driving quality for each vehicle in a fleet in a user-friendly visual format. You get access to the details on violations with tracks and event markers on the map.
- ♦ **Evaluate driving quality** based on acceleration, breaking, cornering, turn, speeding, reckless driving, or custom criteria.
- ♦ **Rank your drivers** based on total or average penalty points scored for all trips.
- ♦ **Configure the module quickly** with violation criteria presets for cars, buses, and trucks.

Hecterra: the solution for agribusinesses

Hecterra Registrar

Potential cultivation

Decline Approve

Field 10-11 Crop: Wheat Cattle F... Area, ha: 124.62

Start time: 15.11.2020 08:29 End time: 15.11.2020 16:31 Duration: 8 h 2 min

Unit: Tractor 11 Driver: Driver 3 Operation: Cultivation

Implement: Cultivator 1-JM Width, m: 6 Deviation, m: 1

Cultivated area: 60.02 ha 48.2%

Overlaps

Omissions

Area left

Mileage: 124.9 km

Hecterra Reports

Interval: 01.04.2020 – 31.05.2020 Report type: All cultivati... Item: Select item Grouping: None Shift: All s... .csv .xlsx Execute

Cultivations 10 Duration 29 h 45 min Mileage 758.98 km Cultivated area 199.14 ha Fuel spent 121.03 l

Field	Area	Crop	Operation	Duration	Unit	Driver	Mileage	Cultivate...	Omissions	Overlaps	% overlaps
Field 2	85.37 ha		Harrowing	1 h 34 min	Tractor 2	Driver 2	31.97 km	19.82 ha	7.73 ha	2.42 ha	12%
Field 3-1	94.15 ha		Harvesting	2 h 2 min	Tractor 3	Driver 3	39.7 km	20.73 ha	1.81 ha	1.86 ha	9%

Hecterra: the solution for agribusinesses

This is a simple yet effective app for the agroindustry, which allows controlling field works based on telematics data. The solution delivers transparent data about fields, crops, and field operations to the employees and managers of agricultural enterprises. Having this data at hand, the clients can effectively plan and improve the agribusiness processes.

Features

- ♦ **Fields and crops**
Import and creation of fields. Crop rotation control, crops catalog, and the detailed history of cultivations for each field
- ♦ **Field cultivations**
Detection of new field cultivations. Options to edit and approve the cultivations before adding them to the registrar
- ♦ **Special vehicles and drivers**
Using drivers, units, and trailers created in Wialon. Calculations of fuel consumption, speed, mileage for each field cultivation
- ♦ **Reports**
Easy reports generation by drivers, fields, operations, or units. CSV import option

What's more?

Automate business processes and improve the effectiveness of the agricultural organizations: integrate Hecterra with any accounting or reporting system of the client's enterprise through API.

winlon

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by Gurtam

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