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The ultimate GPS tracking
and IoT platform

Wialon: present and future of GPS tracking and IoT

2,300+ partners worlwide

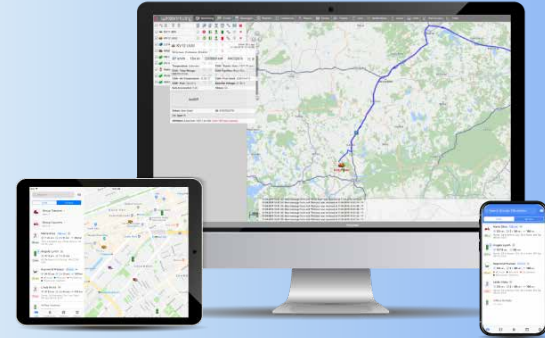**3.1 million** units connected

100+ million miles tracked daily

19 years on the market

2,600+ devices supported

Wialon is a universal fleet tracking and management platform.

We offer a multifunctional, end-to-end GPS monitoring system for any transportation means including trucks, special vehicles, motor cars, passenger, and route vehicles. Wialon is applied in freight transportation, construction, agro-industry, public utilities, and many other business areas.

*Wialon is created by **Gurtam**, a skilled software developer with 19 years of experience in telematics. The company operates via offices in Boston (USA), Dubai (UAE), Minsk (Belarus), Buenos Aires (Argentina), Moscow (Russia), and Vilnius (Lithuania).*

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Wialon: spheres of application
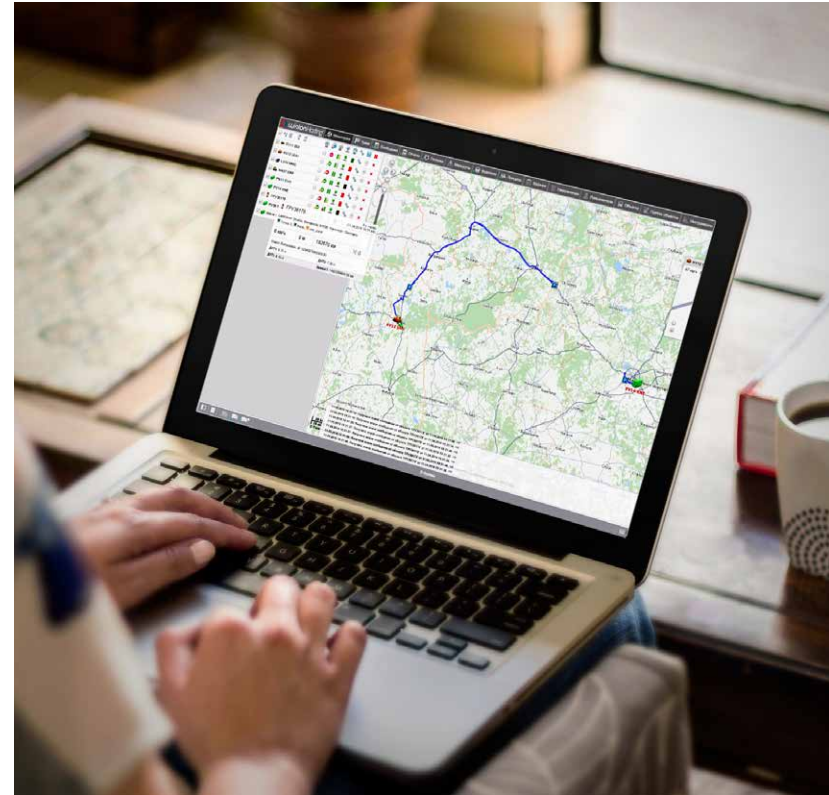
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Wialon ecosystem products

Wialon is the ultimate platform for GPS tracking and IoT.

Satellite-based monitoring with Wialon means the real-time data available online, analytics and reporting, custom fuel control algorithm, routing, mapping, and native mobile applications.

The platform is hardware-agnostic, so you won't have to worry about changing the hardware if you already have certain devices installed.

• **Wialon Hosting**: the cloud monitoring system.

• **Wialon Local**: the server-based monitoring platform.

• **Wialon app for iOS and Android**: web-based functionality available in a user-friendly mobile interface.

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Wialon-based solutions

Hecterra

A simple yet effective application for the agro-industry, which allows controlling field works based on telematics data.
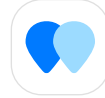
Fleetrun

A dedicated application for maintenance planning, control, and expenditure recording.

NimBus

An application for tracking route vehicles with specialized tools designed for passenger transportation management.

WiaTag

The app turns your smartphone into a GPS tracker allowing effective employee or personal monitoring.

WiaTag Configurator enables setting up multiple smartphones simultaneously when you use them for trackers.

Logistics

A delivery management solution that allows performing transportation arrangements, delivery route optimization, and cost saving tasks.

Real-time tracking

Business challenges:

 Vehicle inefficient use

 Lack of driver discipline

 Lack or absence of unit-related info

What Wialon offers:

Real-time vehicle tracking is the ultimate solution to boost fleet efficiency.

With **Wialon**, online GPS transport and field employee monitoring not only optimizes your expenses but also improves driver discipline.

Our solution lets you know where, when, and what task your machines are working on.

- Control unit location on the map
- Monitor speed, fuel level, temperature, and other parameters
- Manage units (via commands) and drivers (via chat and assignments)
- Get unit activity notifications
- Create geofences and control unit activity inside and outside of them
- Track the unit movements along a given route
- Obtain analytics in reports (tables, diagrams, statistics)

Boosting fleet efficiency

Business challenges:

⚠ Low labor
productivity

⚠ High maintenance
costs

⚠ Low revenue
and profitability

What Wialon offers:

Wialon makes it possible to efficiently plan the fleet operation, minimizing fuel fraud, increasing the safety of freight transportation, and reducing the cost of vehicle depreciation.

Optimize all expenses, reduce downtime, and control drivers with the fully-fledged monitoring platform.

• Enjoy flexible reporting system
• Get fleet performance analysis
• Detect location with GPS/LBS
• Control driving quality and assess driver behavior
• Communicate with drivers
• Monitor temperature and humidity in refrigerated transportation
• Control fuel consumption

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Video
monitoring

Business challenges:

⚠ No live visual control of staff

⚠ Standalone video solutions with no connection to telematics data

⚠ No video evidence in case of an accident or violation

What Wialon offers:

Wialon brings together satellite monitoring and video surveillance in one platform for you to monitor staff, reduce accident rates, increase fuel economy, and improve safety on the road.

Change the way your business operates with insights and data acquired thanks to video telematics.

- Request, view, and manage videos live streams right in the monitoring interface
- Analyze the driving style of your drivers and provide recommendations
- Observe safety on the road and production sites
- Make decisions based on the analytics enforced with visuals

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Cold chain
control

Business challenges:

⚠ Insufficient temperature control

⚠ Product loss due to malfunctioning refrigerators

⚠ Irresponsible behavior of operators

What Wialon offers:

Wialon helps maintain cold chains in refrigerator trucks and stationary freezing and cooling chambers. It is suitable for small businesses and large retail-stores and carriers.

The platform helps **prevent financial losses caused by product waste** when handling temperature-sensitive goods, such as food, medicines, and vaccines.

Improve your decision making based on the complete temperature data. Get control over the cargo throughout the entire cold chain and keep it safe and of proper quality.

• Monitor the entire fleet performance, including arrivals, accidents and vehicle status in real time

• Collect and analyze temperature data from trackers and sensors

• Plan maintenance of refrigerators in advance

• Get alerts in case of temperature deviations or when operators forget to close the refrigerator door properly

• Receive all information arranged in comprehensive reports and graphs

• Use historical data to drive better decisions

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Driver
behavior
improvement

Business challenges:

⚠️ Traffic violations,
fines, accidents

⚠️ Cargo and
vehicle damage

⚠️ Inefficient
driving

What Wialon offers:

Eco Driving records all driver violations for a certain period, by individual rides, and also allows comparing data for different periods.

It is intended to improve road safety, ensure cost-effective fleet maintenance, reduce fuel costs and enhance cargo safety. Monitor the driving quality of each driver, extend the vehicle lifespan, reduce the number of accidents and make data-driven decisions.

- Use ADAS systems for compliance and effective control
- Benefit from the detailed description of violations
- Make use of tracks visualization and event markers on a map
- Assess driving quality scores according to predefined or your own criteria
- Rank the drivers by the number of received penalty points
- Get the notifications on speeding and other violations
- Send automatic reports on drivers' behavior

Staff management

Business challenges:

⚠ Dishonest
employees

⚠ Emergency
situations
out of the office

⚠ Lack of accurate
information from
the field

What Wialon offers:

WiaTag application serves for efficient mobile workforce management.

Due to accurate speed detection and detailed movement history of a unit, WiaTag is designed to optimize and control field operations and mobile staff performance.

Guide and instruct your field workers daily no matter the domain you work in: security, delivery, healthcare, public utilities, etc.

- Turn any smartphone into a GPS tracker
- Make use of accurate positioning using GPS/LBS
- Send pictures, SOS messages, or location info
- Employ remote control
- Scan barcodes, QR codes, and NFC tags
- Chat with employees right in the app
- Configure units in bulk and remotely
- Request logs from devices for diagnostics without user participation

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Fuel consumption control

Business challenges:

⚠ Unreasonable fuel expenses

⚠ Fuel thefts

⚠ Fuel manipulations at gas stations

What Wialon offers:

Wialon is the ultimate solution for complete fuel consumption control and optimization of the related expenses.

The fuel management system is based on data available from an onboard computer or fuel level sensors, installed in the fuel tank of a vehicle.

With Wialon, every litre of fuel is under control and shown in a chart (table, or as statistics)

• Get consumption data derived by a math calculation method, FLS, or CAN-bus

• Enjoy flexible parameter settings

• Check fuel level change history available for any period and shown in a chart

• Explore fuel fillings and theft reports

• Get fuel fillings and thefts notifications via email, SMS, or in a pop-up window

• Send automatic fuel reports

Route vehicle management

Business challenges:

⚠ Failure to complete rides; delays, route deviations

⚠ Unauthorized rides

⚠ Dissatisfied passengers

What Wialon offers:

NimBus is a solution assigned to control passenger transportation.

It allows planning routes, making schedules, optimizing vehicle distribution across routes, providing schedule compliance and traffic regularity. Track unit movements in real-time and get detailed reporting on all units. Your transport will go right on schedule!

- Control route vehicles
- Track rides in real-time
- Get reports with fleet activity analysis
- Share routes, schedules and location of vehicles with passengers
- Monitor route deviations, delays, or completions ahead of schedule
- Get access to rides history

Delivery
monitoring

Business challenges:

⚠ Inefficient delivery route planning

⚠ No real-time visibility

⚠ No analytics

What Wialon offers:

Logistics is the app that allows to perform a wide range of tasks in the area of logistics and delivery – transportation arrangements, delivery route optimization, and cost saving.

The web-version of the app ensures effective 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.

• Create or import orders with the detailed description

• Use three planning modes to adjust the routes by cost or delivery time according to your business needs

• Track the delivery process in real-time mode

• Get analytics from reports

• Add comments and photos to an order

• Assign status to an order and call to a client right from the app

• Chat with a dispatcher

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Vehicle theft prevention

Business challenges:

⚠ High risk of vehicle theft in certain regions

⚠ Huge financial losses

⚠ Long, unsuccessful search of a stolen vehicle

What Wialon offers:

Commercial vehicle safety is now always under control of **Wialon**.

With the platform, you always know where the vehicles of your fleet are located, are aware of their condition, and in case of a crime, you immediately receive an alarm notification.

• Detect the location in real-time using GPS/LBS
• Employ the remote engine shutdown
• Control leaving geofences
• Get the event-based notifications
• Find the history of movements for the specified period
• Monitor the vehicle via smartphone and tablet

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Maintenance management

Business challenges:

⚠ Manual control
of service works

⚠ Critical breakdowns
due to untimely
maintenance

⚠ Low technical
availability rate

What Wialon offers:

Fleetrun is a web application for maintenance planning, control, and expenditure recording.

We developed Fleetrun for those who want to reduce fleet operation costs, avoid critical breakdowns, and reduce the time spent at the service station. Take maintenance under control from A to Z and make effective decisions based on the status and maintenance processes of the fleet.

- Get notifications on the upcoming and current services
- Benefit from automated processes and a complex approach to maintenance
- Explore the archive of works for each unit
- Use the library for works and spare parts
- Enjoy real-time data update
- Obtain analytics and statistics on the fleet status
- Work with drivers and trailers to cover all the needed fleet service operations completely

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Effective
housing and
utility
transport

Business challenges:

⚠️ Employee negligence

⚠️ Unauthorized rides

⚠️ Fuel thefts

What Wialon offers:

Wialon helps track vehicles that collect and remove household waste, clean and water streets, remove snow, etc.

Thus, you will be constantly informed about the location of your vehicles and can optimize their routes plus reduce operating costs.

- Plan the routes
- Assign drivers and equipment for rides
- Monitor fuel consumption
- Monitor attendance at checkpoints
- Get the detailed reports on fleet operation
- Enjoy the improving dispatcher performance
- Benefit from the extended vehicle lifespan

**Integration
with accounting
systems**

Business challenges:

 Manual data transfer

 Lack of automation tools

 No way to add new software to a current system

What Wialon offers:

Tools for Wialon integration with any accounting system allow automating business processes.

Transfer the received data to the corresponding system for management, business, or accounting.

Save the time of your employees by eliminating the need to manually export, process, and transfer data to other platforms.

• Employ SDK and API developer tools

• Make use of automated calculations

• Increase the reliability of data entry

• Optimize processes, save time and resources

• Benefit from addressing your company specifics

• Choose business software based on functional fit, not integration concerns

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