

HOW WIALON HELPS BUSINESSES SPHERES OF APPLICATION

winalon

The ultimate GPS tracking and IoT platform

Present and future of GPS tracking and IoT

wialon



2,400+
partners worldwide



3.3 million
vehicles connected



150+ million
kilometers tracked daily



20
years on the market



2,800+
devices models supported



Wialon is the ultimate platform for GPS tracking and IoT.

We offer a multifunctional, end-to-end GPS tracking 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 20 years of experience in telematics. The company operates via offices in Vilnius (Lithuania), Dubai (UAE), Boston (USA), and Buenos Aires (Argentina).

Wialon: spheres of application

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What is GPS tracking with Wialon?



Wialon is the platform for GPS tracking and IoT.

GPS tracking 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.

3 options for the use of Wialon:

- cloud tracking platform
- server-based tracking solution
- app for iOS and Android



Wialon industry-specific functionality



Smart farming
Field works control based on telematics data.



Fleet maintenance control
Maintenance planning, control, and expenditure recording.



Public transport control
Tracking route vehicles with specialized tools designed for passenger transportation management.



Tracking field workers
This Wialon functionality turns your smartphone into a GPS tracker allowing effective employee or personal monitoring.



Local delivery management
Transportation arrangements, delivery route optimization, and cost saving.

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

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

Video telematics



Business challenges:



No live visual control of staff



Stand-alone 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 tracking and video telematics surveillance in one platform for you **to monitor staff, reduce accident rates, 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

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

Driver behavior control



Business challenges:



Traffic violations,
fines, accidents



Cargo and
vehicle damage



Inefficient
driving

What Wialon offers:

Driver behavior control by Wialon 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.**

Analyze 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

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

Local delivery management



Business challenges:



Inefficient delivery route planning



No real-time visibility



No analytics

What Wialon offers:

The platform provides you with a functionality that allows performing a wide range of tasks in the field of logistics and delivery – **transportation arrangements, delivery route optimization, and cost saving.**

The functionality includes a web app that ensures effective order placement, planning and distribution, Google Maps-based routing, delivery process monitoring, and coordination.

There is also a mobile app that facilitates the work of 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

Public transport control



Business challenges:



Failure to complete rides; delays, route deviations



Unauthorized rides



Dissatisfied passengers

What Wialon offers:

With Wialon, you can control public transport.

It allows planning routes, making schedules, optimizing vehicle distribution across routes, providing schedule compliance and traffic regularity. **Track vehicle movements in real-time and get detailed reporting on all vehicles.** 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

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

Fleet maintenance control



Business challenges:



Manual control of service works



Critical breakdowns due to untimely maintenance



Low technical availability rate

What Wialon offers:

The platform has a functionality for maintenance planning, control, and expenditure recording.

With Wialon you can **avoid critical breakdowns, reduce fleet operation costs** and 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 vehicle
- 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

Tracking field workers



Business challenges:



Dishonest employees



Emergency situations out of the office



Lack of accurate information from the field

What Wialon offers:

The Wialon functionality for tracking field workers serves for efficient mobile workforce management.

Due to accurate speed detection and detailed movement history of a vehicle, Wialon 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

Housing and utility



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

Integrations



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 и 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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