

◆ Monitoring panel and unit properties

- Dynamically updated unit list
- Filtering by IMEI, HW type, phone number, name, etc.
- Quick access to unit tooltip and extended information with the option to copy it
- Copy and import/export tool for backup processes and settings sharing
- Smart trip detection capabilities
- Special icons for one-click access to basic tracking functionality (quick report, video, send SMS, etc.)
- Simple generation of links to share locations and sensor values
- Unit properties management/export
- Unit profile and reference book to view/store parameters

◆ Maintenance

- Service approach/expiry notifications
- Intervals by days, mileage, and engine hours
- Vehicle maintenance reporting
- Maintenance log handling

◆ Sensors and counters

- Virtual sensors based on any parameter sent from a device
- Calculation table to configure any type of sensors
- Calibration table management/import/export
- Custom intervals, colors, and textual description for each sensor
- Real-time motion sensor support
- Odometer, engine hours, and GPRS traffic counters
- Sensor value variation notifications
- Retranslation of raw and calculated sensor parameters

◆ Driving safety monitoring

- Editable driving quality criteria (harsh braking and driving, speeding, cornering, etc.) and presets for cars, trucks, and buses for a number of trackers
- Acceleration calculation based on GPS and data from G-sensors
- Sensors to be used as validators and criteria for violations
- Charts and the map with highlighted driving events
- Driver ranking report
- Custom limits or limits from roads to detect speedings
- Eco Driving web app to control driving quality

◆ Commands

- 17 preset commands to devices, including query DDD-files, messages, and block engine
- Chatting with a driver by means of commands
- Quick execution from the monitoring panel
- Command-based route/waypoints sending
- Special access rights for command management

◆ Charts in reports

- Event markers implemented in charts
- Backgrounds for event intervals display
- Sensor-based colors for chart lines
- Sensor masks for advanced data filtering in charts
- Auto-scaling and zoom
- Message/chart point tracing
- Raw and smoothed chart presentation
- Special charts showing dependencies between speed and fuel consumption parameters or processed fuel level

◆ Data messages

- Parsed messages view for convenient data perception
- Multiple message types (data and SMS messages, commands, events, logs)
- Import/export of messages in multiple formats
- Filtering by satellites/HDOP, speed value, and validity
- Data forwarding to third-party servers
- Display of raw data and sensor values
- Option to view media files from messages
- Access to messages with cellular tower-based unit location (LBS)
- Advanced filtration based on math operations
- Messages Manager app to request data messages, SMS, commands, and events, manage multiple messages sent to and from a vehicle.

◆ Video telematics

- Event-based video monitoring
- Real-time video streaming
- Video playback in web-interface
- Photo/video receipt in messages

◆ Routes

- Simple work with “rounds” each comprising a route, its schedule, and an assigned unit
- Automatic or manual round creation
- Round performance analysis by means of a report, timeline, and notifications
- Route point creation from geofences, units, and addresses or by a double-click
- “Optimization” option to automatically generate the shortest route
- Schedules relative to days/activation or absolute
- Handy schedule grid
- Flexible checkpoint order configuration

◆ Alerts and notifications

- SOS/panic button alerts
- Notifications triggered by LBS messages
- Customizable notification text
- 20 notification triggering parameters
- Browser notifications support
- Map centering on the event location
- Markers for the latest unit location

◆ Tracks

- Track color by speed/sensor value
- Trip detector to adjust track visualization and distance calculation
- Flexible configuration of track parameters (line thickness, markers, etc.)
- Event-based markers (fuel fillings, stops, parkings, etc.)
- Unlimited number of tracks on the map
- Track generation from “Monitoring”, “Messages”, and “Reports” panels
- Annotations making tracks on the map more informative
- Tracks built for any time intervals
- Hittest tool to get more information on any checkpoint
- Google Street View to view track points with your own eyes
- Track Player app to view the movements of several units simultaneously and parameter variations

◆ Geofences

- Geofences of any shape (line, circle, polygon) and color
- Import/export from/to various formats
- In/out geofence notifications
- Geofence display on the map after report generation
- Detailed description and information in tooltips
- Saving tracks as line geofences to be used for route performance control
- Geofences to filter intervals in reports or be used as route points and addresses
- Binding of dynamically updated images/videos/weather forecast to geofences

◆ Actions

- Online alerts with custom sounds and colors
- Push-notification on the mobile app
- E-mail/SMS alert
- Event/violation and unit status registering
- Automatic POST/GET request to third-party servers
- Command execution and round creation
- Resetting drivers/trailers and unit group modifications
- Counter value setting/storing as a parameter

◆ Template-based reports

- 300+ monitoring parameters to report on and detailed statistics
- Customizable report tables and charts
- Report generation and sending by notifications/schedules
- Option to display two charts/tables at once
- Adding addresses from geofence groups and resources
- Option to send links to reports stored on FTP server
- Export to multiple formats or printing from the interface
- Attachable map with tracks, geofences, and event markers from reports
- Advanced reports on unit groups, users, drivers, trailers, passengers
- Binding of units to report templates
- Reports with grouping by hours, months, units, sensors, geofences, shifts, etc.

◆ Drivers and trailers

- Manual and automatic bindings
- RFID/NFC identification
- Multiple drivers per unit monitoring
- Simultaneous bindings for team drivers
- Work-rest regulations (AETR) compliance control
- Driver activity identification based on tacho data or bindings to a unit and its trips
- Working shifts registration

◆ Web applications

- Logistics solution for order management
- NimBus for public transportation tracking
- Track Player to visualize unit movements
- Eco Driving and iDriveSafe to control driving quality
- Dashboard to analyze KPIs in real-time
- Sensolator for graphic representation of sensor values
- Actualizer to detect inactive vehicles
- Chatterbox and WiaChat for seamless communication between the office and the field
- Protocoller to transmit data messages to multiple systems and servers in real time, simultaneously and at various protocols
- Messages Manager to request and review messages to/from a unit
- Tacho View, Tacho Manager, and Driving Logbook to control driver activity

◆ Tools

- "Track Player" to review unit movements and parameter variations
- "Distance" to measure mileage between several objects
- "Area" to measure the perimeter and total area of the specified territory
- "Address" to find the necessary location and its address
- "Routing" for advanced route management
- "Hittest" to trace track points and messages
- "Nearest units" for you to find units located closest to a certain place
- "LBS detector" to identify unit location using mobile networks
- "SMS" to send messages to any phone number
- "Search on the map" to find any system element by its name
- Minimaps with "Video", "Map", and "Information" modes

◆ Mobile applications

- Wialon Hosting and Local mobile apps
- WiaChat app to communicate with dispatchers
- WiaTag and GPS Tag tracker applications
- Logistics Mobile to become a courier assistant on the smartphone
- Dashboard app for KPIs analysis and visualization

◆ Jobs to schedule actions in the system

- Multiple job types
- Test execution of a job
- Unit binding to jobs
- Jobs to automate counters management
- Jobs to execute a command over a unit
- Jobs to change access to units
- Jobs to e-mail reports and information on fuel

◆ Unit management

- TCP/UDP/SMS commands with flexible execution scheduling
- Remote engine cut
- Commands on unit groups
- Manual status/event registering
- Binding of jobs/notifications to unit groups
- Reference book for every unit

◆ Supported maps

- Google Maps
- Gurtam Maps
- HERE
- Bing Maps
- OpenStreetMap
- Wikimapia
- OpenSeaMap
- Yandex Maps
- Navitel Maps
- what3words
- Mapbox
- 2GIS
- Visicom
- Regio
- Luxena
- MyIndia
- ArcGIS
- GoMap.az

◆ Gurtam Maps

- Built-in GIS server
- Routing engine
- Custom maps integration
- Unlimited direct and reverse geocoding
- Specialized web application
- Posted speed limits
- Extended address database

◆ Hardware (1300+ types)

- Wired trackers
- OBD trackers
- Satellite terminals
- Personal trackers
- Tachographs
- 2 SIM card devices
- Garmin integration
- Sensors (fuel, temperature, etc.)
- Firmware-Over-The-Air (FOTA)
- CCTVs/MDVRs
- Apps turning a smartphone into a GPS tracker
- Protocols and retranslators

◆ Miscellaneous

- Cloud and server-based solutions
- GPS Trace free satellite monitoring service
- Technical support 24/7
- Flexible training and consulting
- Marketing assistance
- Locator tool to generate links and share locations/sensor values
- Remote tachograph files downloading
- Beta version for you to try new functions before their official release
- Integration options (SDK/API kit, additional apps and playgrounds)
- Global partner community of 950+ companies
- Interface personalization opportunities/White label
- 49 languages supported
- Right-to-left languages optimization
- 135+ servers and multiple data centers globally
- 130+ countries covered
- OAuth (token) authorization method
- 99.5% uptime guaranteed

◆ Capabilities

- Tools to manage additional Wialon-based apps
- Information messages for service administrators
- Detailed log on the operations performed
- Interface personalization opportunities/White label
- Handling of data retranslation to other systems in real time and for the past periods
- Logs/user activity reporting
- Profile tab to capture and store detailed info on the unit
- Multiple currencies support for convenient billing
- Historical data storage for up to 3000 days
- Export and import from/to WLP/KML/KMZ
- Trash to restore accidentally deleted items
- Sending of information messages to the monitoring system users
- Managing access to Wialon beta version
- Resource contents and units restoration
- Detailed statistics on payments
- FTP server configuration to send links instead of "heavy" files/archives (reports)
- Custom letter templates for notification messages
- Transfer of units between accounts
- Handy search and filtration
- User settings, unit properties, and resource contents transfer
- Unit creation from WLP files
- Import/export of system elements
- Metric/Imperial system conversions

◆ Services and hierarchy

- Editable billing plans
- Blocking/limitations by balance and days
- Hierarchy configuration to create reseller/dealer structure
- Shared access account contents (resources)
- IP-based access restriction
- Creator can login as any user
- Access control list (ACL) with preset templates
- Editable rights for accounts, units, unit groups, users, and routes