



# GPS tracking & telematics Geokall-IOT Platform



An aerial night view of a city skyline with a network overlay of white lines and nodes. The overlay includes circular icons for a house, a bicycle, and a gear. The city lights are visible in the background.

# ***Track it all. Intuitively.***

*Geokall IOT is evolving rapidly. Recent studies confirm that telematics market is expected to reach a global revenue of USD 233.24 billion by 2022.*

*Geokall IOT aspects like Connected Fleets, IoT and Dispatching have become the business cornerstones. Geokall IOT is the only White label GPS tracking & Telematics platform that binds all the possibilities together.*

*Corresponding to high standards, the platform can satisfy any business requirements of your customers: fleet security, fuel management, cold supply chain, work order management, etc.*

*Throughout 10 years Geokall IOT has implemented its projects in more than 10 countries. Day by day our partners make logistics, trade and service industry more effective.*

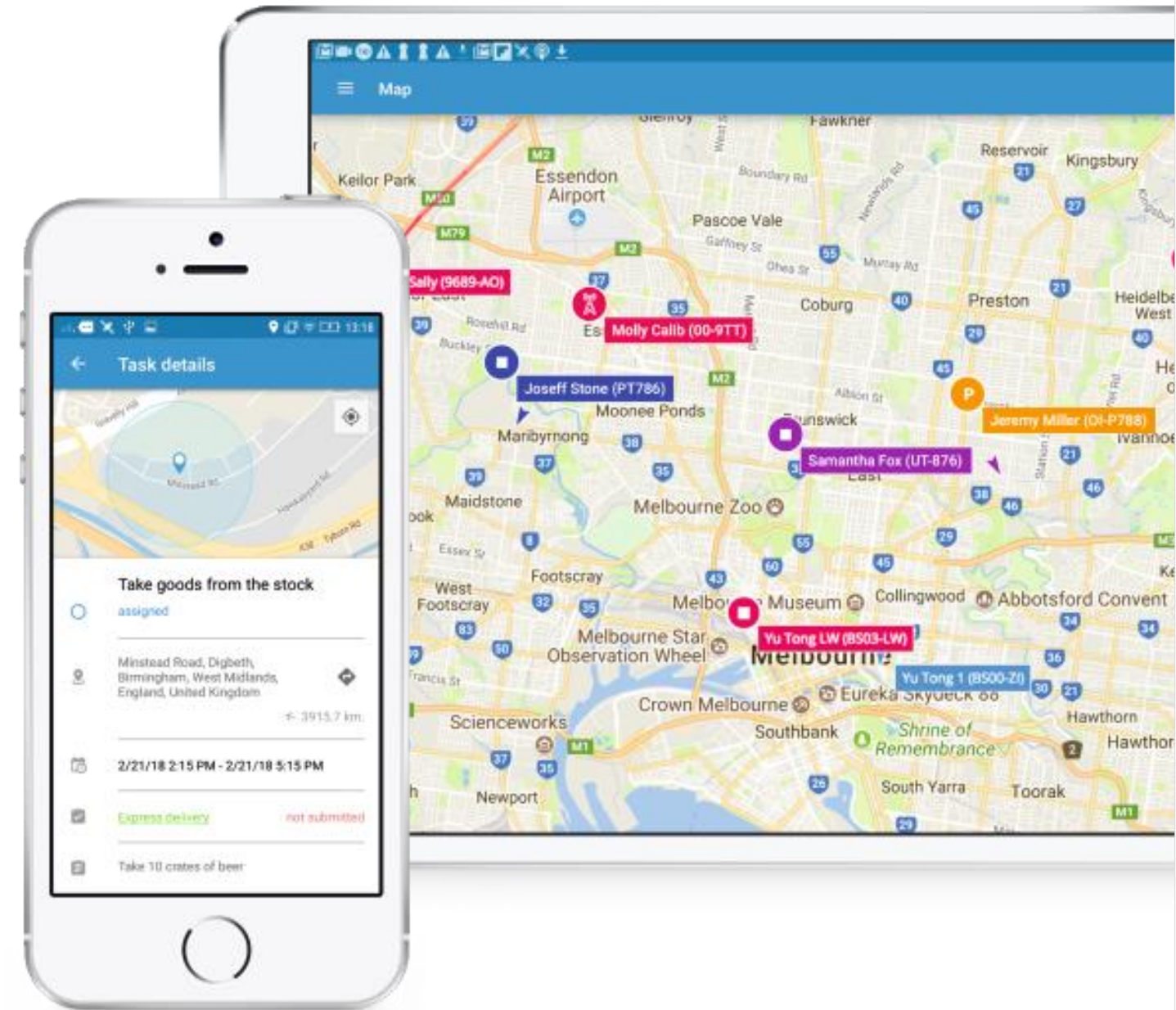
## One platform for all industries

A platform that can satisfy any business requirements of your customers: fleet security, fuel management, cold supply chain, last mile delivery, driver identification, fleet management, work order management, etc.

Web interface: most intuitive and user-friendly

Smart and simple, this is what your users will say about the service. It meets the whole range of applications from pet tracking to sophisticated enterprise solution.

Your customers will be able to access the necessary information immediately. They just need to login via any browser from any computer at work or at home.



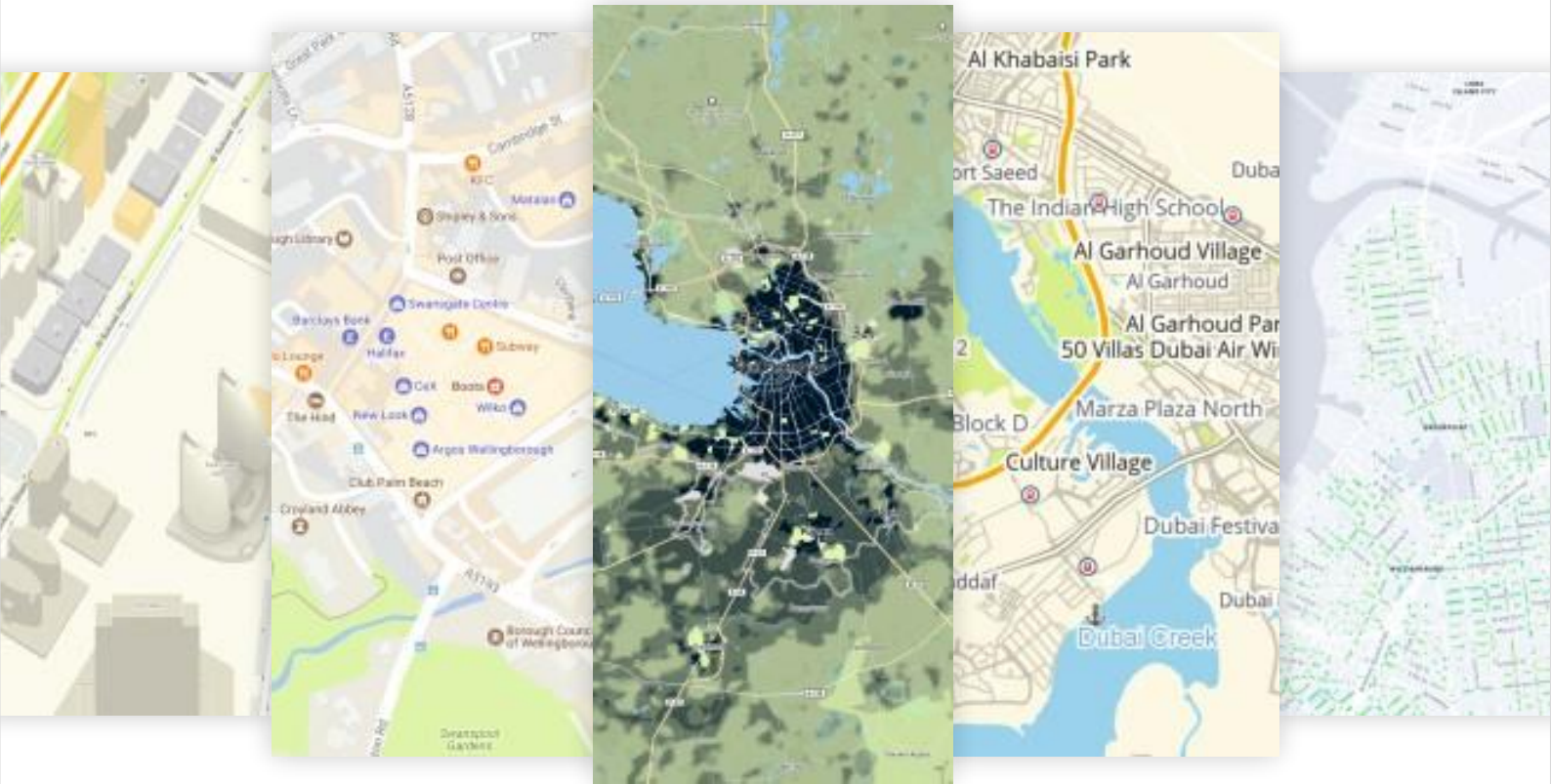
### GPS Mobile Apps for enterprise mobility

Free X-GPS apps available on iOS and Android allow users track their assets from anywhere and locate people with GPS in their smartphones or tablets.

Moreover, the mobile apps allow to plan tasks and routes, transfer collected data and photos to office, report on visits online. The data that was gathered during the day, week or month can be simply analyzed then.

# Rich mapping and powerful GIS tools

Unlock the full set of web maps and satellite views available on the market. Offer your customers the most accurate maps enriched with geographic information system (GIS) that suits your region.



### Multifaceted GIS

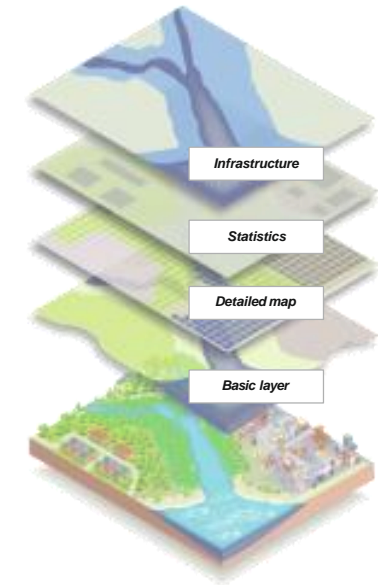
Enable 3D and HD maps, monetize access to the most valuable maps and data sources, connect on-premise databases.

### 3D maps

Use 3D visualization aids, which are of particular importance for mobile employees operation.

### Custom map layers

Enable multiple cartographic styles designed to emphasize your brand's identity or help to focus on particular geospatial data. Let corporate users visualize data they have in spreadsheets and databases, without allowing others to access it.



### Mobile cartography

Visual 2D and 3D maps on mobile devices for increasing work efficiency in the fields.

Display scheduled tasks on the map and build optimal routes to destinations.



**Tight integration**

The platform supports not only major, but also very specific features of GPS trackers including those which make them so special and attractive to you. Users will have access to all telemetry data and get a fully remote control of their devices with simple interactive widgets.

**Engaging with top manufacturers**

Geokall IOT cultivates close links with top GPS tracking manufacturers which spread their products around the world: Teltonika, BCE, Ruptela, Atrack, Concox etc. It means that your customers will be always among the first to have integrations of brand new top quality devices.

**Activate in seconds. Configure in portlets.**

Save customer's time and effort to activate new devices on the platform. Automatic activation requires only few fields to be filled in and remote configuration allows to tune the trackers and sensors in the most intuitive way.

**Automatic activation**

Get a device online within seconds. The system detects APN settings for any SIM and uploads your configuration profile to the device using over-the-air technology. That enables you to deliver superior customer experience and reduce support costs.

**Remote configuration**

Manage device settings remotely through intuitive interface: tracking modes, sensors and outputs, CAN bus, harsh driving and more. Just put needed values in the fields or move the slider to adjust, e.g. sensor sensitivity, LBS detection radius etc.



700+ devices supported

**Comprehensive support for Geokall IOT devices**

## Make your brand unique to reach the audience

**Configure and personalize a business to make it a strong part of your Go-to-Market strategy**

Obtain a forward-looking GPS tracking system as a platform you can totally manage and personalize. Brand the interface and make it look like your customers want it.

Localize all the processes within the system. Manage existing functionality and bring your own ideas to the market. Eventually, deliver the off-the-shelf solution that fully meets the demands of your specific audience.



## Customize the product to meet the customer expectations

### Make the service visually yours

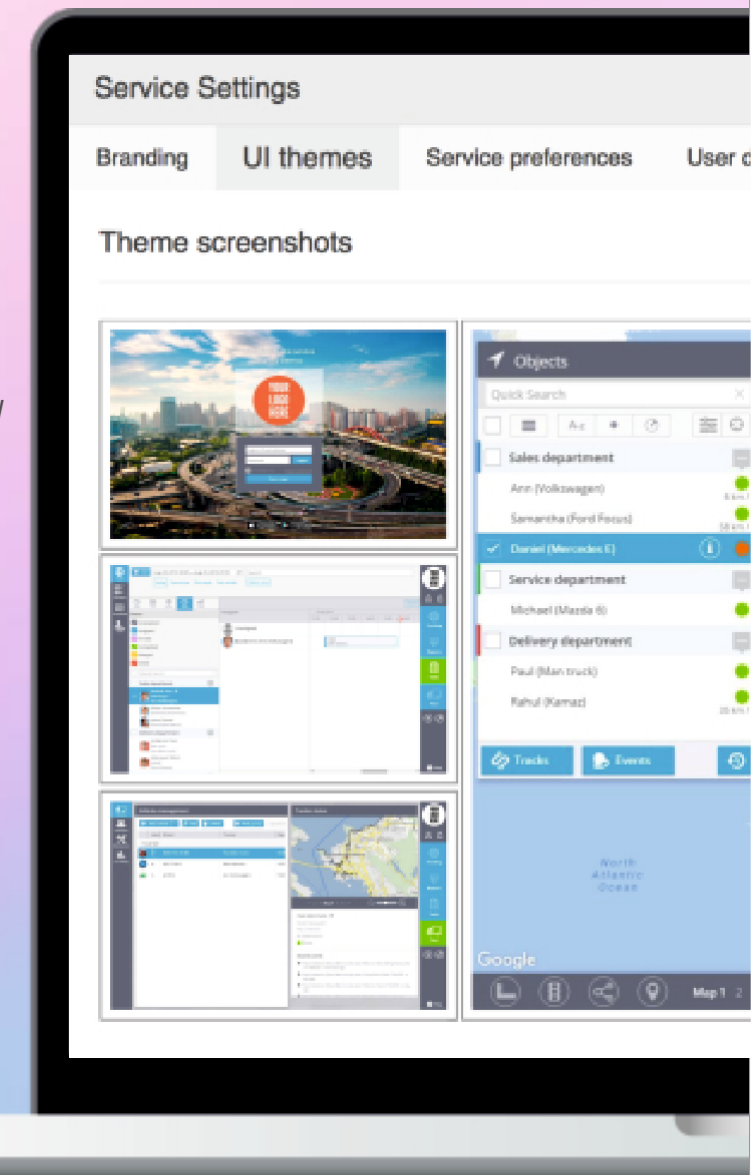
Independently set the name, logo and domain name of your service. Change the login page background and choose the interface colors. Add custom texts and links to your website and support page.

### Configurable functionality

Configure the tariff plans as you want: provide customers with the functionality they need and create new apps to meet their expectations.

### Adapt your system to the region

Add your own maps and GIS services. Set the nation currency and bind the local payment systems. Specify the measuring units and languages.



## Mobile Apps Branding Great possibilities of two

Take the two mobile apps under control: X-GPS Tracker and X-GPS Monitor. Tracker app is for a person you want to supervise. Monitor app is for a supervisor.

White label two mobile applications to prepare it for the customers. Change the logo, name and set the colour scheme. Few days and your branded app is ready for service.

## Real time tracking

Wherever you are you will always stay aware of what's happening. Track your objects within a meter accuracy. Stay informed of important events and react to any changes immediately.

## Keep track of all the activities from PC or mobile device



### Track and manage multiple objects

Filter objects to swiftly search needed ones, group them into clusters for viewing on the map in small scale.



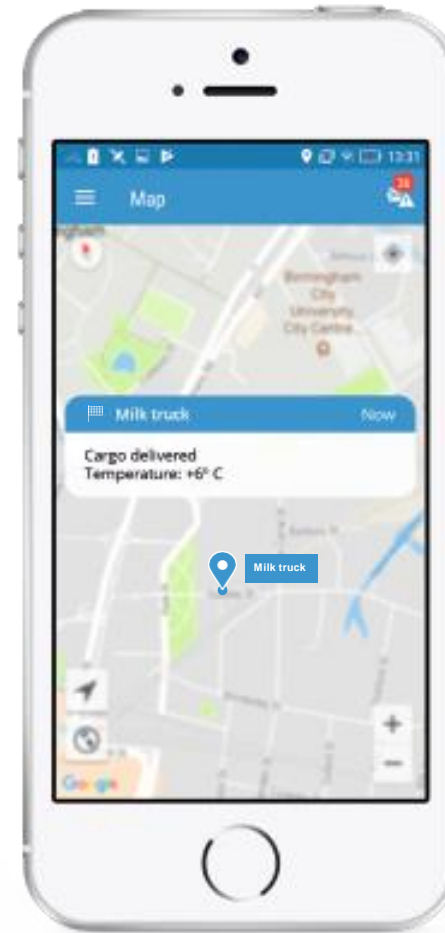
### Accurate real-time positioning

The best mapping on the market, modern methods of geolocation and real time data update on the screen.



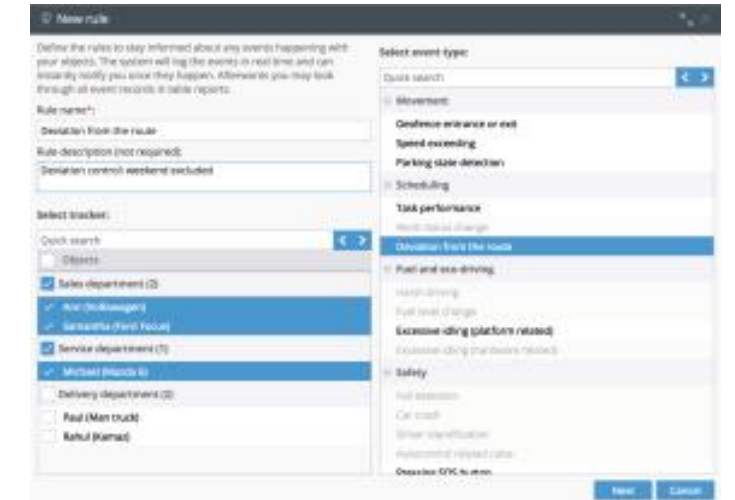
### 360° street view and traffic

Build less traffic routes. View streets and buildings in 360° at every point of the track.

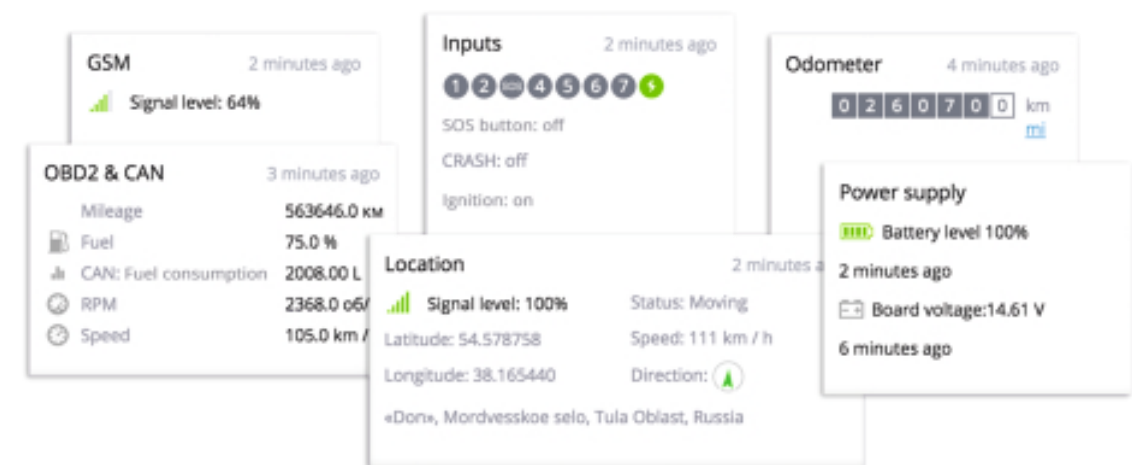


## Instant notifications

Instantly learn about important events, react to changes on time.



## Telemetry widgets

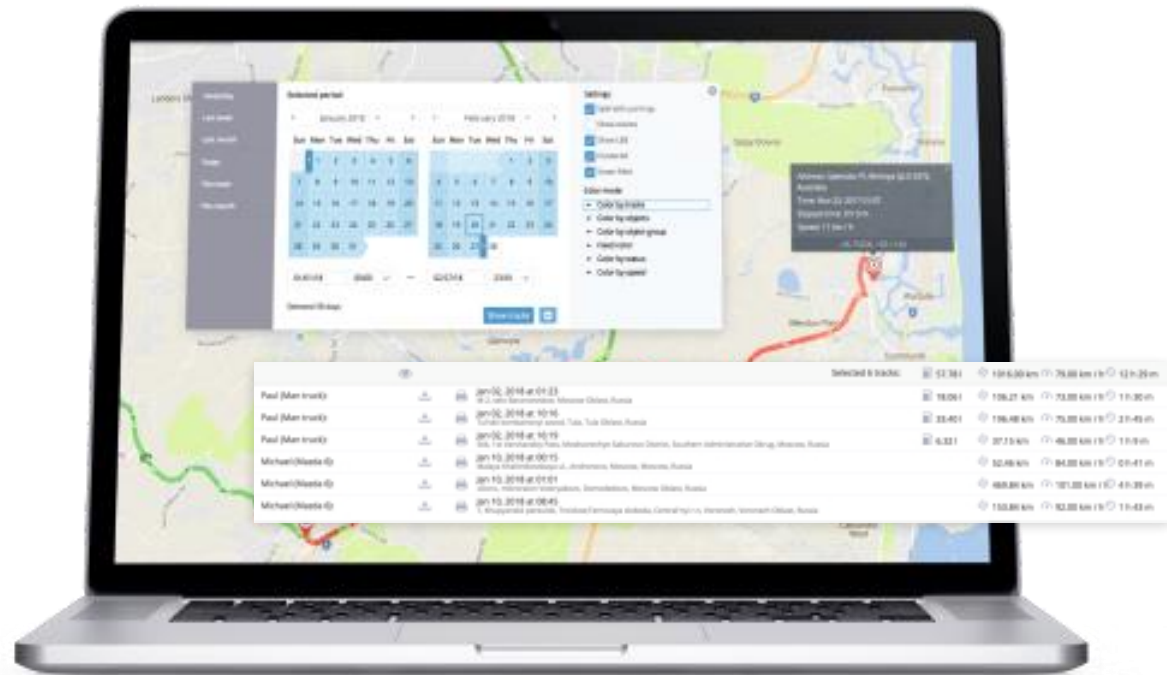


- OBD2 and CAN
- fuel level and consumption
- engine hours and odometer
- GSM connection status

- DTC error codes
- special equipment work
- remote engine block
- cargo info (t, humidity)

# Let trips make history

You will not lose any data about trips. All the history is stored for up to three years. Quick access to information for any period allows not to waste time on gathering the necessary data.



## Handy trip browsing

View and compare trips on map. Several ways of visualization help the perception and optimized algorithms allow to quickly display even long trips.

## Events and parkings

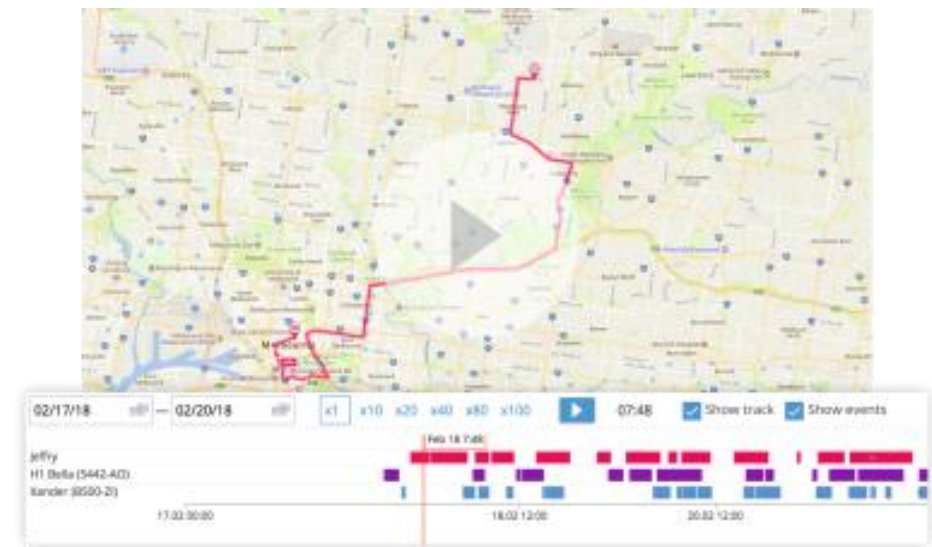
Display parking, fueling, speeding and other events on the generated trip. Get detailed information with just a click on the event icon.

## Trip statistics

Get full access to general information about each trip including length, duration, average speed and fuel consumption. Quick statistics makes it easy to get the data without creating detailed reports.

## Time machine: play back trips and events

Getting instant notifications is not always enough, but you have the opportunity to go back in time. "Time Machine" feature takes you to the day and time of the trip. Reproduce the routes and follow the object moving on the map.



## Events history

You will not miss a thing. The history of events will show the exact time and place of the event for each object.

Everything that matters to you in constant access: speeding, fuel drainings, deviation from the route and much more.

View the data directly on the map, on the timeline or in the reports.

# Turn data into revenue

Analyze and benchmark fleet expenses, job performance of mobile employees and driving behavior with various reports and analytical tools offered by Geokall IOT.



## Perform in-depth analysis with visualized data

Reports are divided into detailed and summary. Visual tables, color bars and pie charts allow intuitively perceive data.

To perform a comparative analysis, aggregate data by periods and object groups.

## Provide each department with relevant analytical reports

Supervisors, accountants and analysts can immediately receive all the necessary data for their work.

Likewise, user access to reports can be limited. It allows to cut off unnecessary functionality and focus on the essential one.

## Data driven decisions

Eye-pleasing graphics, charts and vivid tables allow you to comprehensively analyze business processes, improve the accuracy of forecasting, identify critical points and take steps in the right direction.



### Receive reports on e-mail

Set up a schedule and get reports via email with the necessary regularity. Share information with the colleagues including them in the list of recipients.



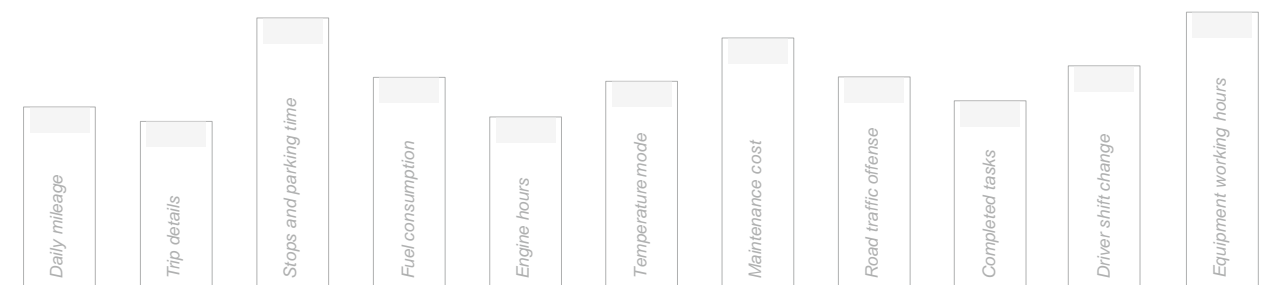
### Export to Excel and PDF

Save reports in a convenient format for printing, working with data offline or using them with external applications.



### API for interprogram communication

Geokall IOT reporting system provides advanced API tools for exchanging and processing information via HTTPS requests from other applications.



## Eco Driving

Score drivers behind the wheel. Help your customers forget about fines and tickets, reduce number of road accidents and save money on fuel.

## Control driving behavior of your fleet

Monitor violations on the road. Set parameters for each violation, get instant notifications and analyze the results for any period.

### Speeding

Learn whether drivers go over the speed limit or not. Save the fuel and cargo condition.

### Excessive Idling

Get rid of needless idlings. Save fuel, engine lifetime and reduce carbon emission.

### Harsh Driving

Prevent deadly accidents. Monitor harsh acceleration, harsh braking and cornering.

### Instantly learn about violations



Get alerts on violations by SMS or e-mail to take immediate actions. For example, if a driver has went over the allowed speed limit, a supervisor gets an alert with object name, overspeed value and location on map.



### Analyze to reward or penalize

Generate reports for detailed analysis of the committed violations for each driver. Investigate violation value, address, duration, penalty points and rating to evaluate general driver's behavior for any period.



### Vivid violation rigidity settings

Configure each violation's settings separately: speeding, excessive idling, harsh driving. Manage all the settings within vivid and intuitive portlets.



## Fleet maintenance

Don't miss any service job related to your fleet.  
Reduce costs on fleet maintenance and prevent vehicles from sudden breakdowns.



### Schedule service works and receive notifications

Let your customer keep the vehicles in mint condition. Create a detailed electronic service job checklist, manage it and follow the document clearly receiving notifications.

### Schedule service jobs

Create and manage fleet related service works in several clicks. Schedule jobs by date, mileage and engine hours.

### Manage the service checklist

View and print the list of planned service works at any time. Group jobs by vehicle types, fuel types and departments.

### Be notified to perform on time

Get timely reminders about scheduled service works by SMS, email or push notifications to the mobile X-GPS Monitor app to increase fleet life cycle.



## Fuel monitoring

Control fuel costs of the fleet and prevent fuel thefts. Along with that, let your clients meet the requirements of Fuel Tax regulations like IFTA, etc.

*Tune sensors, analyze fillings/drains and be aware of thefts*

*A clear and intuitive calibration table, detailed graphical reports and instant notifications give the client a positive user experience of fuel monitoring.*

### **Intuitive calibration**

*Create and manage fuel sensors in the most user- friendly way. The calibration chart adapts to various sensors and provides a large set of intuitive manual settings.*

### **Prevent fuel thefts on the spot**

*Receive on-time alerts by SMS or Email to prevent fuel thefts. Once a fuel draining has been registered, the system sends an alert to a supervisor to solve the problem immediately.*

### **Analyze each filling and drain**

*Generate detailed fuel reports for any period. View the vivid graphics, browse all the fillings and drains of each driver or dive into detalization table.*



## Driver identification

Protect fleet from unauthorized use, secure drivers and log every shift to further proceed with the data.

## Control drivers' shift changes and work/rest schedule

If several employees use one vehicle separately, "Driver ID" feature allows to monitor who's driving right now, do easy calculations of each employee's wage and learn how a driver sticks to work and rest requirements.

## Real-time drivers control

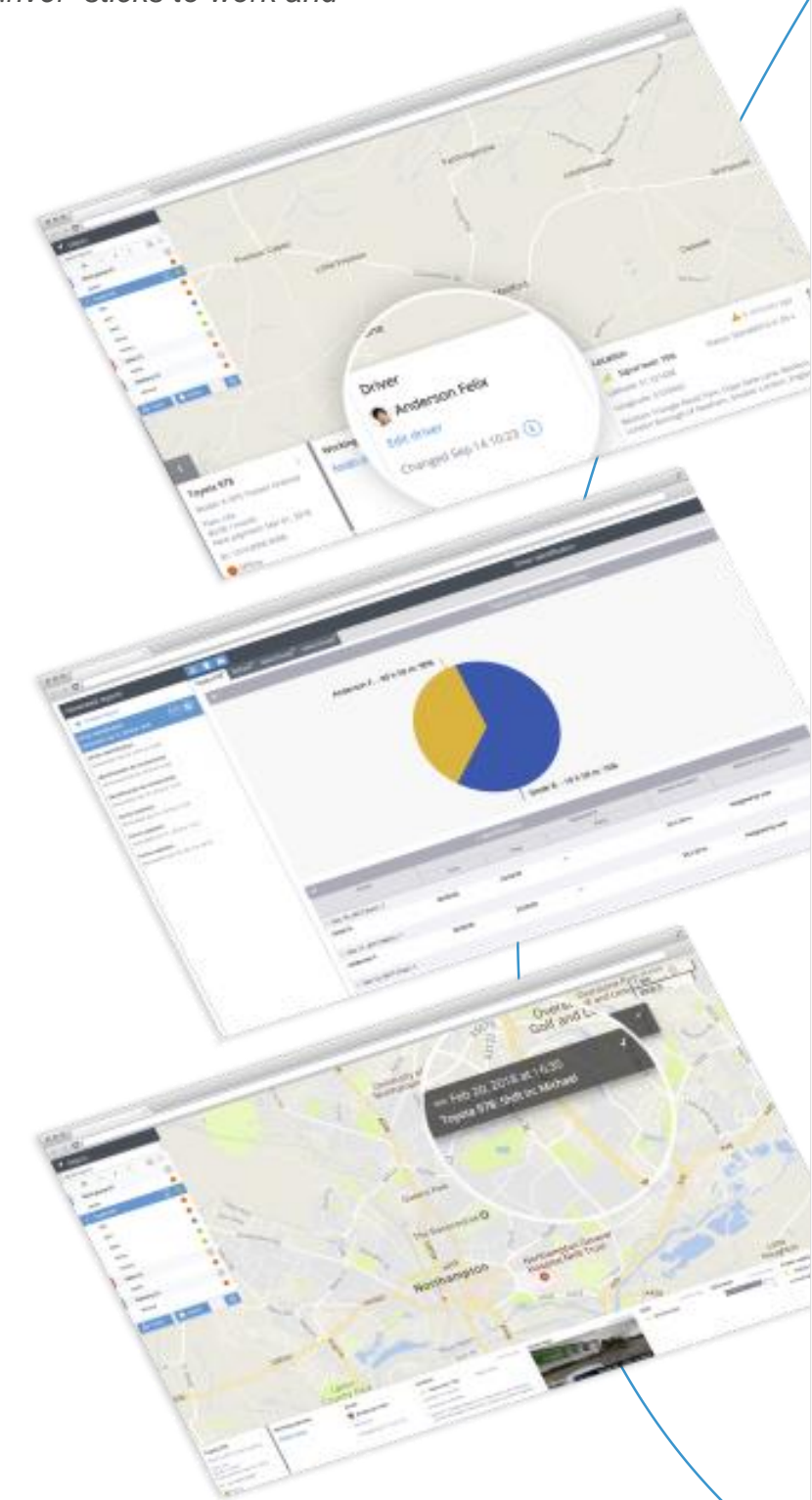
Browse the widget to know which employee is driving right now and what time the shift change took place.

## Shifts and work/rest analytics

Create visual reports with diagrams and tables. Find out employees' shifts and time without rest for any period of time.

## Learn about every shift change

Get instant notifications on e-mail or by SMS: shift in/out, SOS button, speeding, harsh driving.



# Work order management

Easily manage mobile employees and automate daily routine



The absence of control causes misconducts. Two-thirds of mobile employees admit they do their personal business at work. On top of it, companies suffer from poor organization of work in the fields: inconvenient information exchange and problematic planning.

Geokall IOT allows your clients to utilize mobile employee resources to its full extent, accurately measure its productivity and financial expenses.

## Control to increase productivity: Monitor

employees location Effectively distribute assignments

Reliably measure the level of service Accurately

calculate productivity and costs

## Establish effective work processes within mobile team:

- Sales representatives
- Merchandisers
- Service engineers
- Mounters
- Drivers
- Security
- Couriers
- Promoters

## Comprehensive control

Your customers will be sure that their mobile employees work efficiently: know what they are doing and how the tasks are being performed.



### Location

Control all the movements online and browse the trips.



### Tasks

Schedule task, send it to employee's smartphone and watch the performance.



### Statuses

Employees can inform how busy they are.

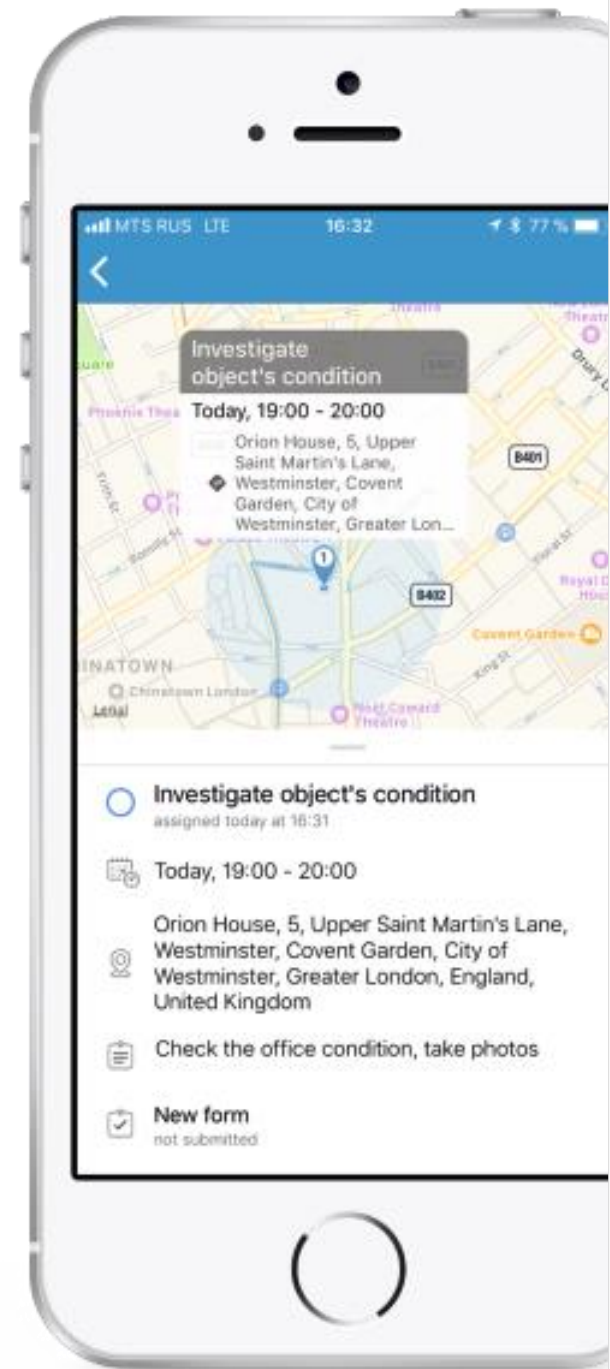


### Chat

Convenient 2-way communication between field employees and dispatchers.

### Analytics

Analyze the results, take into account the time spent in every task place and spent fuel.



## Communicate and report fast without any papers

After or during every task mobile employees can fill in online forms with vital data of an order or customer and send it to office with a few taps on their smartphones.

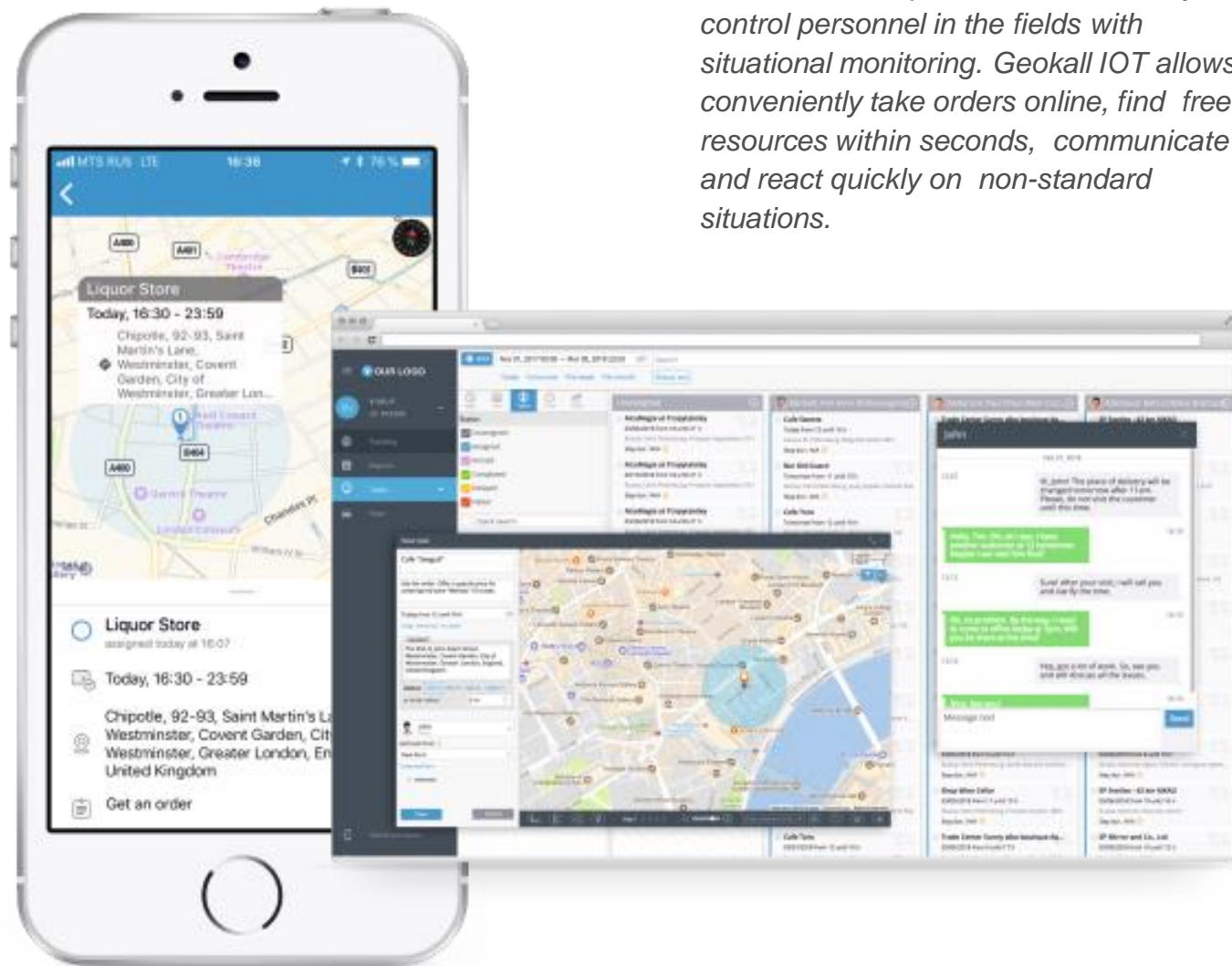
Likewise, employees can send photos, files and electronic signatures. It allows to instantly informing colleagues in the office and collect all the necessary data for further processing.

# Employees, supervisors, executives. Convenient and useful to everyone.

The success of business depends on employees. Provide the colleagues with useful and intuitive tools for their everyday work. Watch how the productivity of the team and the level of customer service are increasing.

## Field employee

The mobile application for the field employee is like a personal electronic assistant. It includes a clear visit list, convenient navigator, tools for communication with the office during the day and an ability to quickly report on the work done.



## Operator

No need to waste time on calls and refinement. An operator can effectively control personnel in the fields with situational monitoring. Geokall IOT allows conveniently take orders online, find free resources within seconds, communicate and react quickly on non-standard situations.

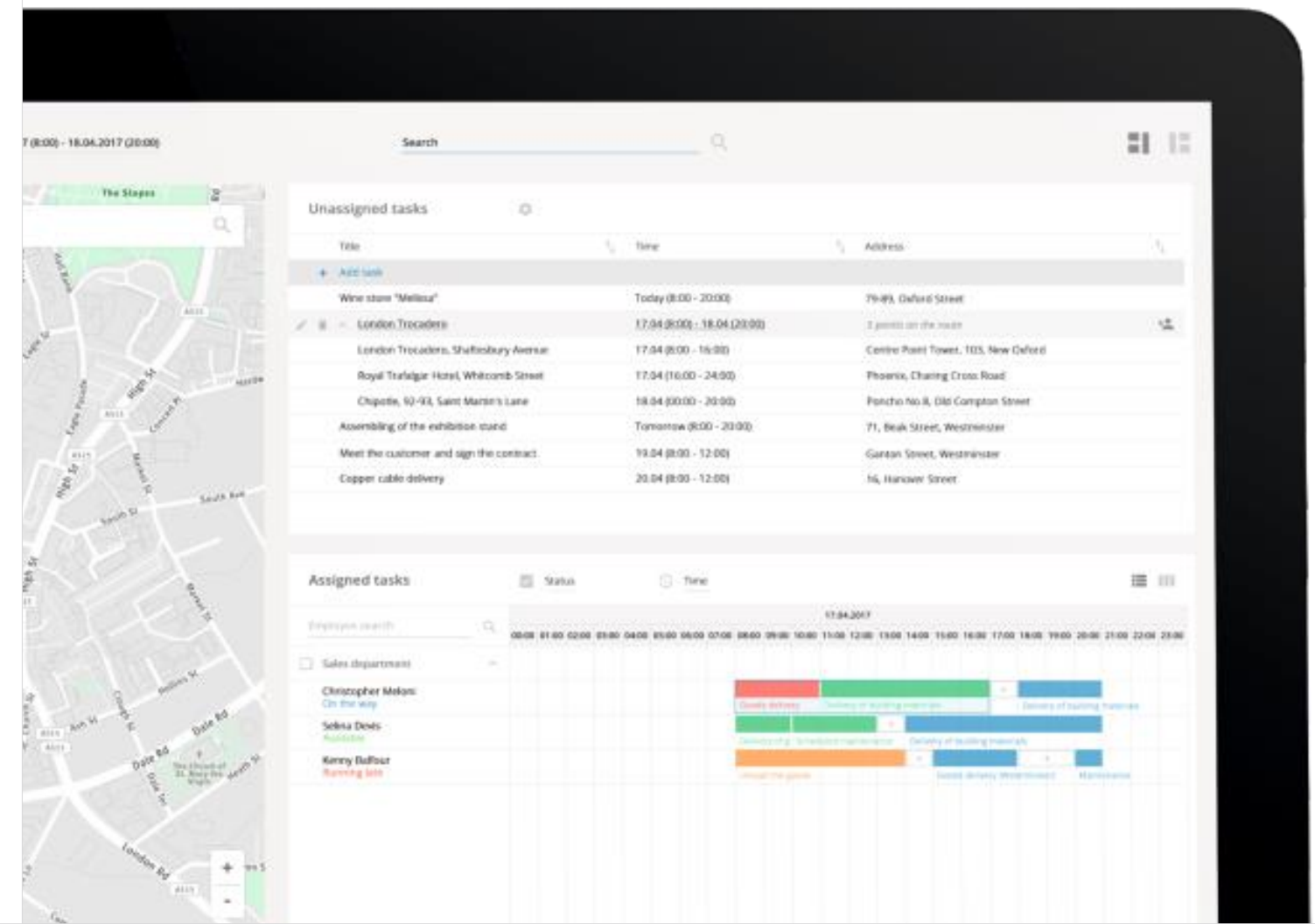
Make grounded decisions on how to make better use of resources and make team work more productive

## Supervisor

Utilize an easy-to-use task manager to distribute jobs among employees in accordance with the availability and distance. Leave comments to assignments and communicate with colleagues in a chat room to resolve sudden issues. Get reliable online reports about the completed assignments: completed task forms, photos from the task point and others.

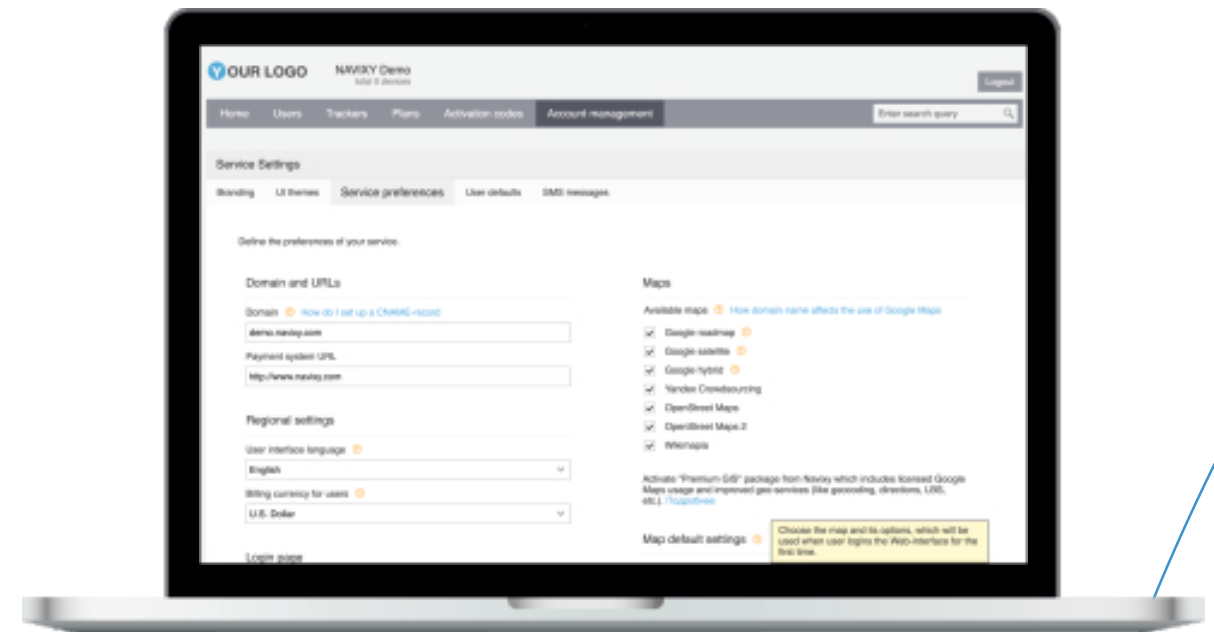
## Top manager, executive

The right management decisions are made on the basis of measuring key indicators. Geokall IOT provides executives and top managers with visual reports that will help objectively evaluate the effectiveness of each employee or subdivision. The most important metrics are complemented by tools for assessing work discipline, accounting for costs related to spent working time and fuel.



## Powerful administration to manage the service

The advanced admin panel makes it easier to carry out administrative tasks, sales, accounting and support.



*Admin Panel: single management interface with powerful tools for the whole team*

### **User management**

Create user accounts for individuals and companies. Get secure access to the Web interface of any user you have in order to see what he/she sees. It is highly useful when your team provides a user with necessary technical support or assist him during a trial period.

### **Plans, Billing, Payments**

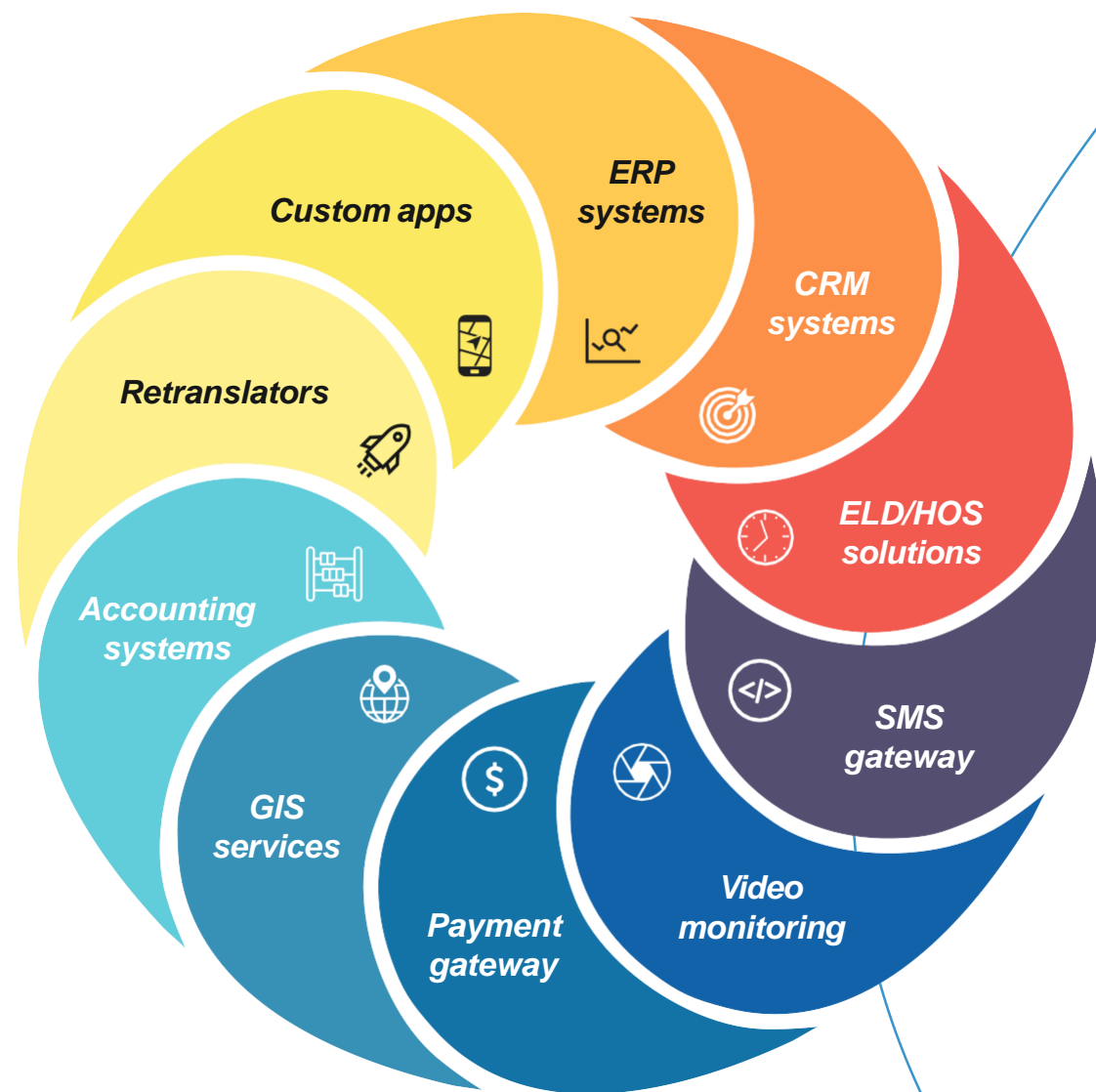
Get maximum profitability and meet your customers expectations by offering right service packages with flexible billing. Plan editor allows you to create as many products as you need, choose billing cycles, set fees and rates for all sort of services, apply restrictions on using particular tools of GPS tracking software.

### **Air console for support**

Your support team will be delighted with Air console. This tool allows to communicate with devices remotely as if they were connected with USB cable. It makes much easier to run device diagnostics and perform specific configuration – without the need to demount device or to bother user with requests of assistance.

# Integrations and custom apps

Use Geokall IOT resources for easy integration with the existing infrastructure and applications in order to conduct deeper optimization and promote digital transformation of the company.



Get more benefits

Discover extensible framework that makes customer-specific enhancements fast to incorporate.

## Simple and powerful API

We have spent considerable time designing the API to be as easy as possible for developers. You will make less number of API calls to retrieve data from Geokall IOT. You can also use API to integrate the billing system with your payment options, get full accounting data and manage your customers from external CRMs.

## Embedded plugins

Ready-to-use plugins require minimum skills to integrate map-based apps into web or desktop applications. Let users easily share real time location on their websites and in social media. Connect companies and their clients with tracked assets within the business processes and applications employees use daily.

## Data forwarding

Use data forwarding to stream raw data from the devices to third-party systems in real time. The typical applications are government's regulations or transmitting depersonalized information to crowdsourcing traffic services. Geokall IOT supplies you with flexible data streaming tool supporting all major exchange protocols.

## Create your own apps

Increase user engagement and adopt solution to your customers needs by developing built-in apps with unique functionality. You can create new app in any programming language, then embed it into the system's interface with custom icon in the main menu, and make it available for selected users.



## **Choose the way to host GPS tracking service**

*Geokall IOT can be operated either in cloud environment or on-site servers. Choose from three available hosting options.*

### **Public cloud (SaaS)**

*This is the most popular option that provides a quick out of the box start avoiding heavy costs. The system is immediately available online through the Web interface and Mobile Apps.*

*As the business grows, you can connect more and more objects to the service. Servers are under round-the-clock supervision by our specialists and contain the most current version of the software. Therefore, your data is securely protected and stored.*

### **Amazon cloud (IaaS)**

*Install Geokall IOT platform in the Amazon Web Services cloud with a few clicks. Do not worry about servers, independently manage your cloud resources, and be able to continuously update your Geokall IOT instance with ease.*

### **Your server (On-Premise)**

*Geokall IOT On-Premise is something that companies with strict in-house policies will appreciate. Host the tracking platform on your own hardware. Get a complete application control.*



### **Premium GIS**

*To reduce your expenses on map licensing, geocoding, routing, WiFi / Cell ID locating and other GIS, we offer an all inclusive package with licensed maps and comprehensive GIS. Premium GIS is available for all the editions.*

### **Geokall IOT Data Center**

*Take advantage of our optimized and secure data center infrastructure according to Tier III standards. It offers Active-Active capacity with Load-balancing, as well as full portfolio of M2M connectivity tools.*



## ***We support you all the way through***

*Our suite of software training, education courses and certifications can help to bring more expertise to your company.*

### ***Training***

*We will carry out a welcome training for you to define the starting point. Staff training and certification are also available for all the team: sales, technical support, accounting and system administrators.*

### ***Support***

*Contact our technical support if something has gone wrong – and we will help you. We conduct consultations to solve your particular issues from the server side, specific devices and customers.*

### ***Community***

*We keep you up to date with the latest device innovations, because of the instant contact with manufacturers. Webinars and blogs allow you to get the detailed information about system features and updates. We gather feedback and make the list of required function to release them as soon as possible.*



## ***Telematics is in our DNA***

*We are not just a telematics platform. We are enthusiasts, innovators and builders dedicated to revolutionizing the way to connect people and things.*

*The Geokall IOT platform wasn't built in a day; it has taken more than a decade to come this far. Our team has made a commitment to offer you real depth in telematics along with keeping your customers happy and loving the tools they use every day.*

*That promise is helped by the fact that we are a private founder-led company. We are able to work fast and respond to our customers' needs without anything getting in our way. We have no outside investors, but we spend your money wisely and invest all in engineering, research, customer support, and great design.*

*International team with headquarter in Moscow, Russia*

*R&D, Support and Training departments made up of high-end engineers*

*Data center for the provision of services, including SaaS and PaaS*

