

Industry agnostic Solution, GEOKALL-IOT PLATFORM

Industries

Industries

Transportation and Logistics

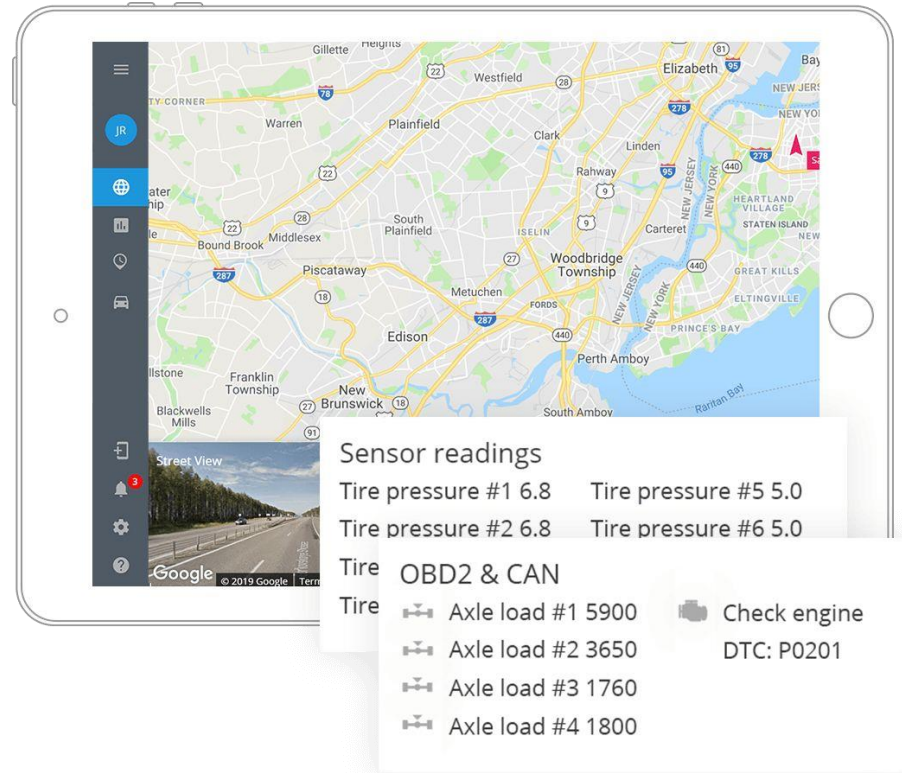
Increase fleet efficiency with rich telemetry.
Cut operating expenses with state-of-the-art
business intelligence.



Avert breakdowns, before they lead to massive losses

Even minor defects, e.g. check engine, excessive axle load or low/undue tyre pressure, can lead to tremendous damage. Detect them right away.

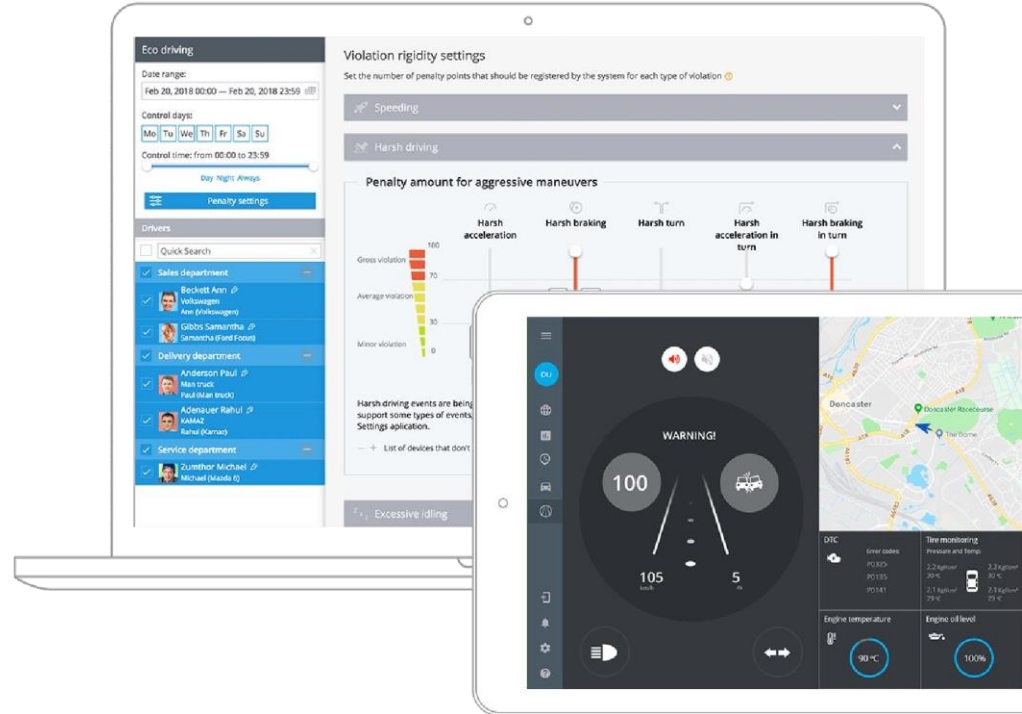
Stay updated on telemetry sensors readings and upcoming fleet maintenance works. Enable alerts by email, SMS, push or sound alarms.



Minimize accidents and insurance costs

Analyse eco driving reports to promote safe behind-the-wheel behaviour and refine driver's discipline. Benefit from usage-based insurance and reconstruct road accidents.

Adopt ADAS to reduce traffic violations, fatigue driving and hazardous situations. Prevent collisions and damages with sound warnings and alerts.

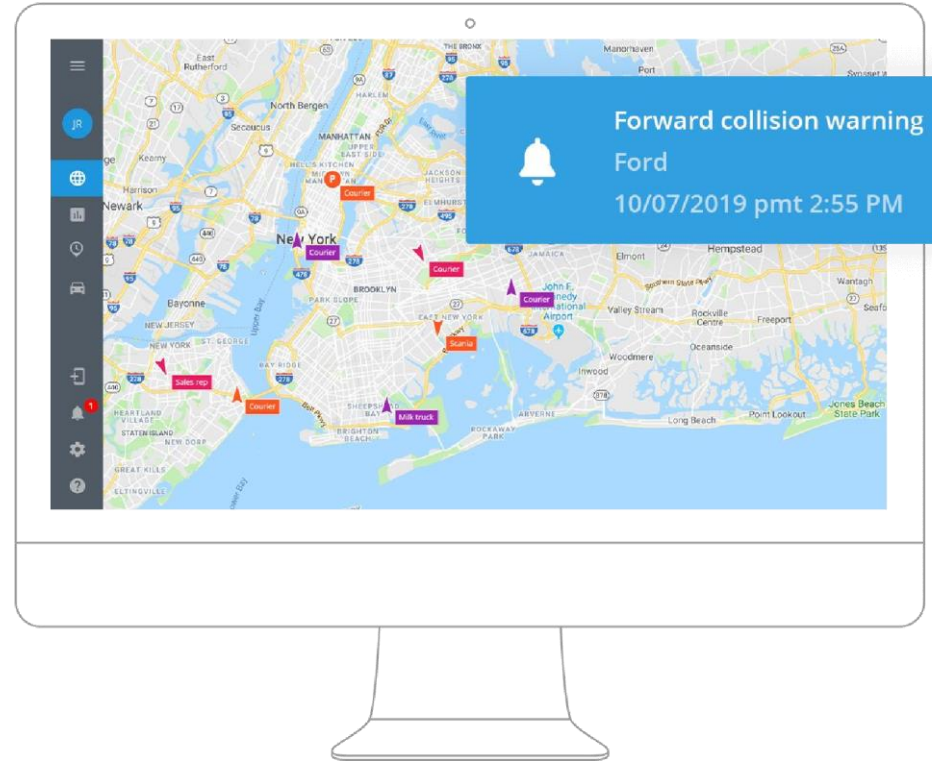


Transportation and Logistics

Introduce effective anti-theft measures

Protect vehicles and transported goods. Benefit from real-time monitoring and instant alarms, triggered by light sensors, padlocks and security cameras.

Detect fuel frauds on the spot with timely notifications. Browse through fuel reports to identify drains and analyse losses.



More features

1

Maximize tax reimbursement with automatic logs

Use Driver Journal to calculate business mileage for any time periods. Check locations, time and odometer values to effortlessly sort trips into business or private.

2

Plan fastest routes

Experience smart route optimization to reach all clients faster and guarantee delivery without delays. The best routes will be planned automatically on a click.

3

Cargo quality guaranteed.

Enable temperature, humidity and fall detection sensors to receive alerts if the values are out of range. Prove that goods quality was not affected during transportation.

4

Control work and rest hours

Comply with tachograph and ELD regulation policy. Monitor shift duration for each driver in real time and enable remote ddd-files download at required intervals.

5

Prevent extra cargo

Monitor axle load to avoid excessive wear-and-tear and fines for overloading. Make sure drivers aren't using corporate vehicles for transportation of their own goods.

6

Driver Identification

Apply driver ID to know who's driving the truck now and when a new shift has started. Enjoy personalized metrics and protect your fleet against unauthorized use.

Industries

Oil and Gas

Protect fleet and valuable assets from frauds, downtimes, and accidents. Monitor fuel level in real time along the route.



Oil and Gas

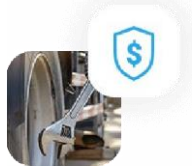


Prevent fuel theft

Enable instant alerts for fuel level change. Minimize losses with immediate response and most accurate telemetry and GPS data.

Benchmark reports for complete fuel consumption per driver. Make data-

driven decisions to optimize business processes.



Cut maintenance costs

Effortlessly add new service works based on DTC error codes and tanker truck usage, including mileage and engine hours.

Anticipate possible damages with timely alarms and notifications. Set maintenance reminders and assign recurring tasks.



Eliminate downtime

Control pre-trip inspection (PTI) results in real time to protect the vehicle from penalties or being broken midway.

Introduce smart and stable communication to send and receive

urgent updates and notifications. Monitor online and analyse through reports.

Oil and Gas

More features

1

Bring any fuel sensor

Calibrate fuel sensors the most intuitive way. Enjoy accurate fuel data in real time. Generate reports for any past periods and employ graphs and charts for visualization.

2

Careful driving behavior

Encourage employees to transport dangerous goods more carefully. Introduce penalty scores for harsh driving, speeding, etc. Identify and coach aggressive drivers.

3

Road assistance 24/7

Increase safety and security of your vehicles and drivers with panic button solution. Provide instant assistance to prevent disasters and mitigate the effects of dangerous situations.

4

Calculate reimbursements

Use digital timesheets to provide accurate payroll calculations. Classify trips into business and personal for optimal and effective business tax deductions.

5

Optimize routes

Haul the high-priority cargo the safest way. Introduce automatic route optimization to visit all locations faster and efficiently. Consider road restrictions and limitations.

6

Control fuel temperature

Transportation of Inflammable liquids calls for amplified security measures. Monitor fuel temperature and track its dynamics to detect and avoid dangerous situations.

Industries

Construction and Heavy Equipment



Cut corporate expenses with optimized fleet use. Raise drivers' accountability to eliminate idling and guarantee preventive maintenance.



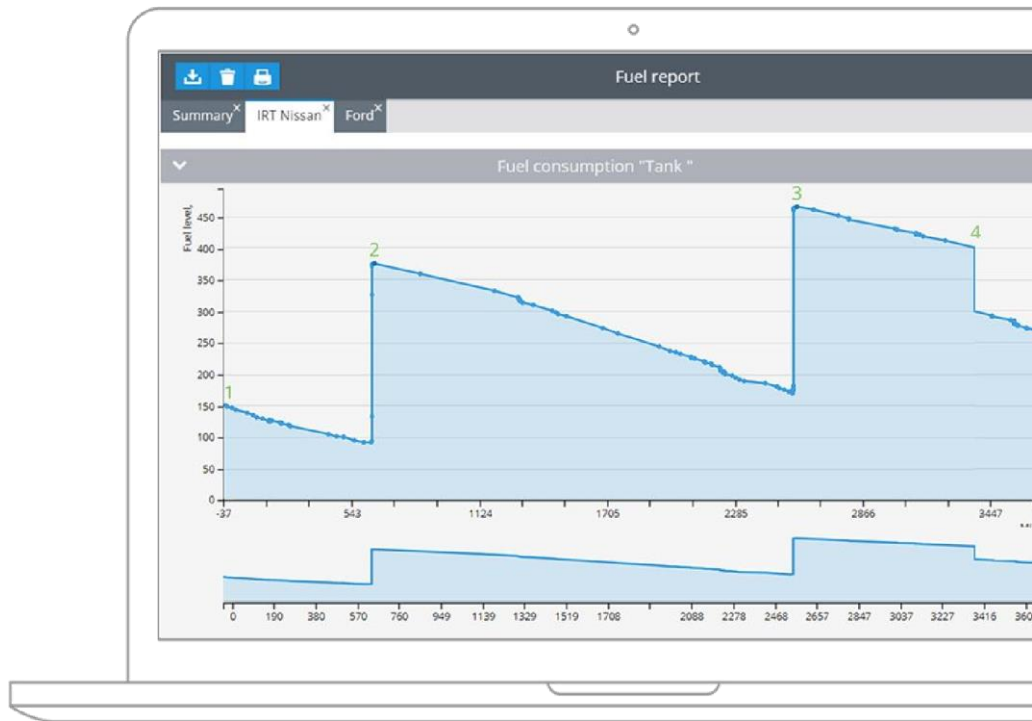
Construction and Heavy Equipment

Efficient utilization

Monitor productivity with engine hour and PTO per each unit, whether it's raising or lowering the bed of a dump truck, operating the winch on a tow truck, etc.

Make sure the equipment isn't idling and doesn't leave the job site. Check it online in widgets, via MDVR or generate reports for any time periods.

Remote security

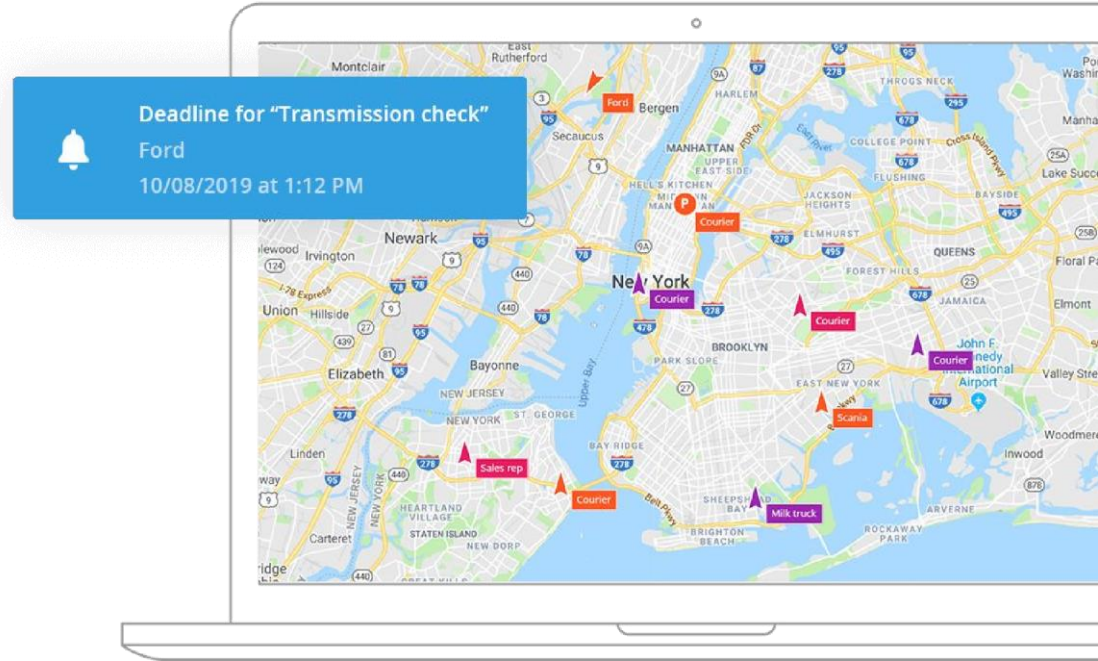


Construction and Heavy Equipment

Employ Driver ID to guarantee operation by authorized personnel only. Secure fleet and heavy equipment against theft and misuse.

Embrace continuous fuel monitoring to prevent drains and other fuel frauds. Set alerts to address drastic fuel level change without delay.

Maintenance: predictive and proactive

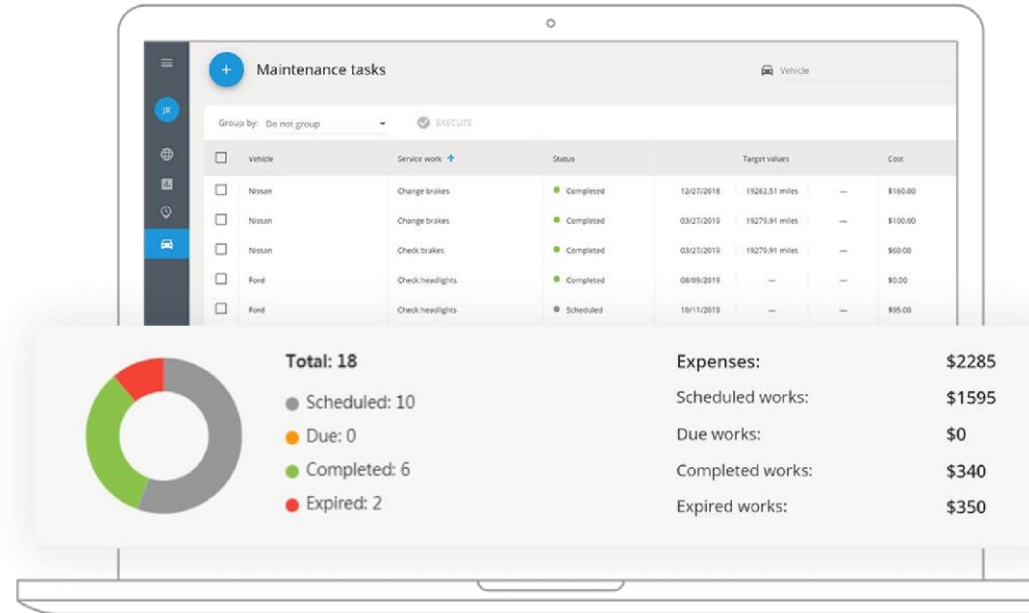


Construction and Heavy Equipment

Plan service works based on equipment utilization: by date, mileage or engine hours. Extend equipment's lifespan and prevent extra costs and breakdowns.

Set target values, estimate expenses, schedule recurrent maintenance works and specify recipients for service jobs notifications in a single interface.

Popular use cases



Construction and Heavy Equipment

1

Crane trucks

Use engine hours to track actual working time of the crane. Control jib position with a tilt sensor. Avoid accidents and unsafe transportation.

2

Garbage trucks

Enjoy best routes generated automatically: add required addresses and have them organized in the optimal order. Create POI to make sure no client is left behind.

3

Construction equipment

Protect hydraulic and pneumatic equipment against excessive use and overheating. Prevent malfunctioning, breakdowns and expensive repairs.

4

Dump trucks

Help drivers steer heavy load trucks without accidents. Enable ADAS alerts and sound warnings to keep a safe distance, considering vehicle weight with/without cargo.

5

Cleaning trucks

Control effective fuel consumption. Prevent engine idling with comprehensive fuel reports. Detect drains and prevent fuel frauds with flow meters and fuel sensors.

6

Mobile drilling rigs

Monitor working time and specific operating parameters, including the depth of drilling. Calculate payroll for rig operators and estimate the number of vehicles required.

Industries

Passenger Transport

Make passenger-carrying vehicles (PCV) more productive, cost-effective and safe. Comply with environmental regulations.



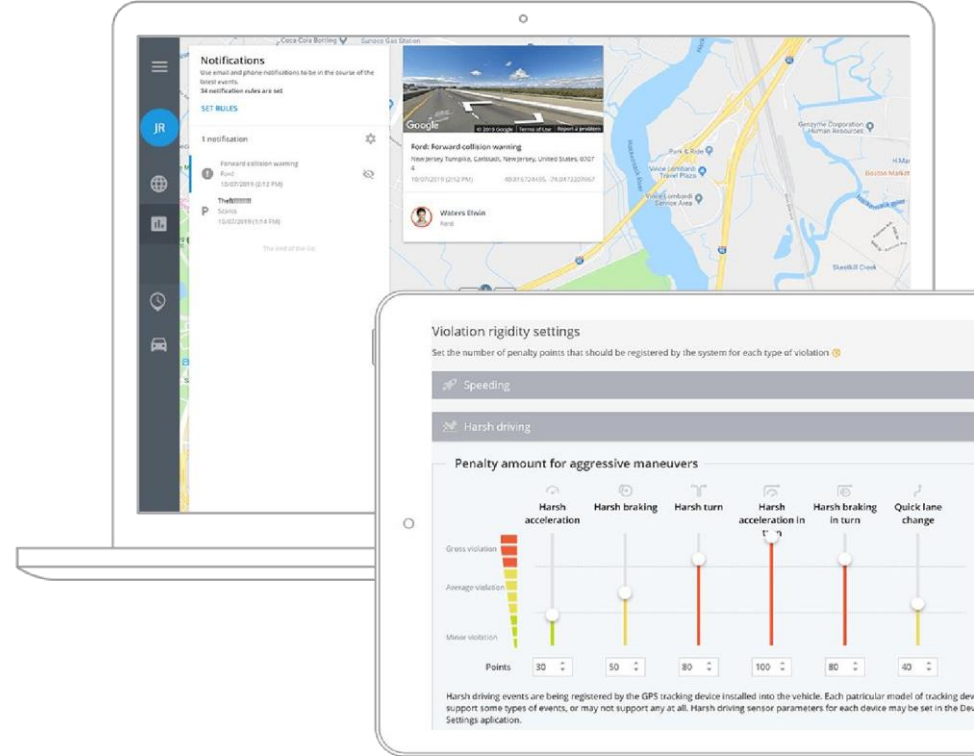
Passenger Transport

Guarantee passenger safety

Set penalty points for drivers to eliminate speeding and other violations. Transmit seat belt alarms to fleet operators and avoid injuries and fines.

Enhance vehicle safety with ADAS, Ignition interlock and other additional devices. Receive real-time alerts and analyse data for any past periods.

Reduce fleet costs

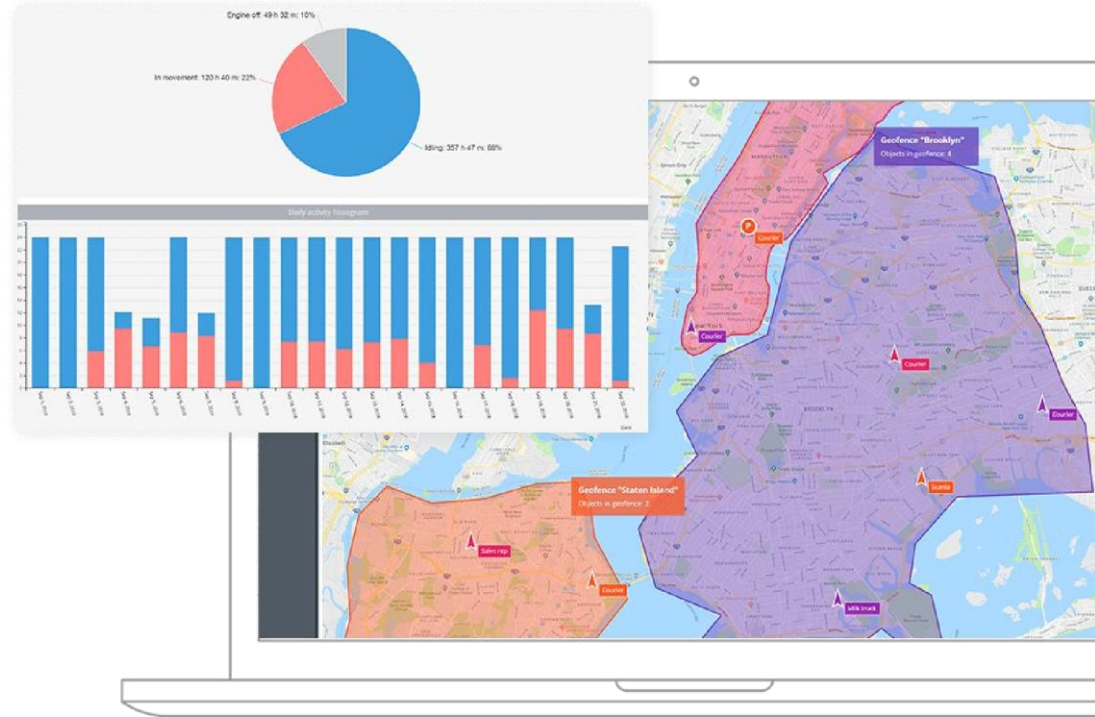


Passenger Transport

Plan service works based on vehicle usage to prevent breakdowns and malfunctioning. Keep all your PCVs road ready and reduce downtime costs.

Monitor fuel consumption to eliminate drains and idling. Get the best insurance rates and reconstruct road accidents with insurance telematics.

Zero-delay service



Passenger Transport

Enable automatic route planning to visit all locations faster. Avoid traffic jams critical for travels, airport pickups and group transfers.

See the whole fleet on a single map. Stay aware of ETAs. Receive alerts if your drivers might be running late or deviate from the route.

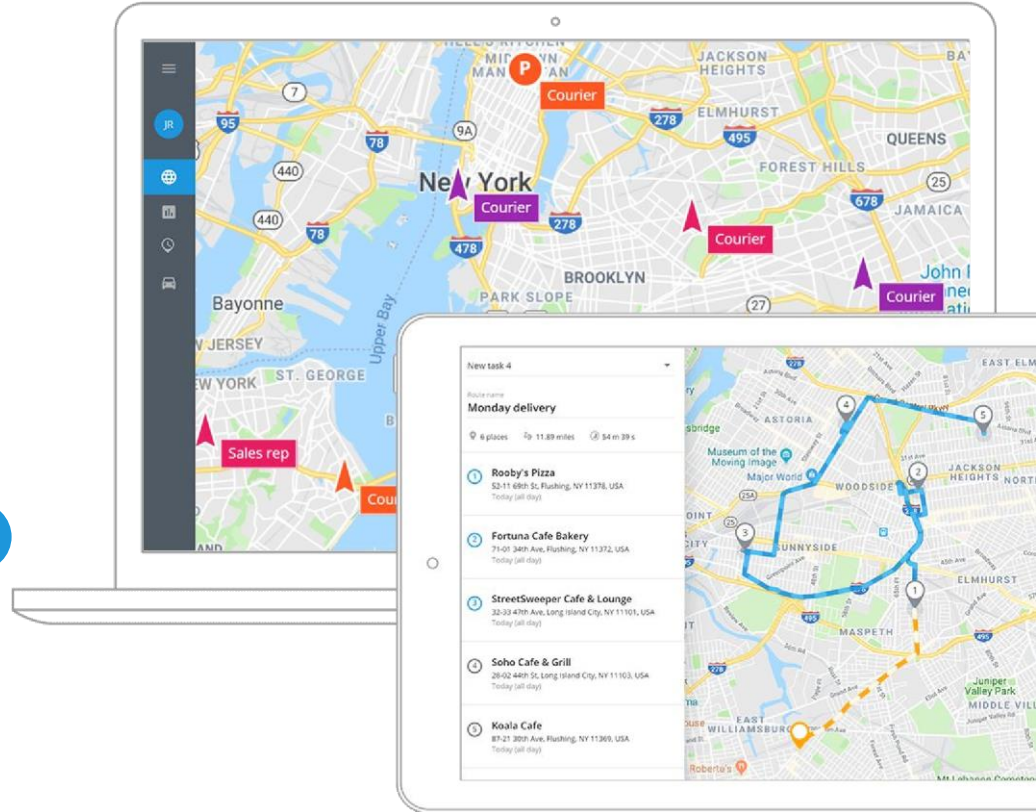
More features

1

Driver ID

Control which driver is using the vehicle right now. Track shift change, run reports by driver and make accurate payroll calculations.

4



Passenger Transport

2

Comprehensive diagnostics

Monitor vehicle health with telemetry data, including DTC. Control oil level. Eliminate flaws before they develop into problems.

3

Automatic passenger counter

Count passengers with photocells, CCTV, IR and other sensors. Prevent fare dodging. Analyse stats and improve the service.

5

Compliance and safety

Meet tachograph/ ELD regulations. Visualize work and rest data with fog computing to prevent driver fatigue and fines.

6

Business vs personal miles

Try Driver Journal to classify trips into business and personal. Get maximum tax reimbursement and spot unauthorized trips.

Anti-theft protection

Get alerts if a vehicle leaves geofences, operates at unusual hours or is being towed. Enable remote ignition control.

Industries

More industries benefiting from efficient fleet

management



Food and beverage

Enable fastest, temperature-controlled deliveries. Provide automatic trips logging to calculate payroll, return tax and prevent unauthorized use of fleet.



Retail and delivery

Keep fleet owners updated on vehicles health to have them serviced before it leads to a breakdown. Fine-tune drivers behavior to avoid accidents and goods damage.



Insurance

Enable insurance companies to benefit from low-accident driving. Adopt advanced driver assistance system to eliminate human error and, hence, collisions and expensive repairs.

Services industry

Guarantee vehicle utilization and work progress monitoring with real-time metrics and reports. Detect frauds, prevent fuel drains, equipment misuse and moonlighting.





Thanks for watching!

GEOKALL-IOT PLATFORM

Connecting to Future Technology

