

Trakm8 Solutions

▪ Fleet Management ▪ Fleet Optimisation & Route Planning ▪ Vehicle Cameras ▪ Insurance Telematics ▪ Automotive Telematics



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Trakm8

at a glance

Trakm8 background

Trakm8 is the recognised leader in technology solutions for fleet management, insurance telematics, optimisation and dashboard camera systems. Trakm8's cutting edge technology offerings are adaptable for fleets of all sizes; providing intelligent, game-changing insights that can improve fleet efficiency and reduce risk across fleet operations.

Pioneering solutions

The Group's product portfolio includes a range of telematics devices, from self-install dongles to the 4G integrated telematics camera, the RH600. We currently have over a quarter of a million devices in operation.

“ We are absolutely astounded by the results we have achieved. Trakm8 has proved to be an invaluable part of our operations and has saved us a lot of money ”

Matthew Hammond, Head of Fleet, Plant and Equipment, Altrad Services

Fleet Management

Trakm8 create fleet management solutions which provide businesses with the insights needed to reduce fuel consumption, lower carbon emissions, manage risk and improve safety.

Optimisation

Increasing productivity and reducing costs is always at the forefront of any business. That's why here at Trakm8 we have developed the ultimate fleet optimisation solution which can help you achieve just that.

Insurance

Telematics is reshaping the car insurance industry. By manufacturing the smallest self-install devices in the market, our telematics insurance solutions provide insurers worldwide with user-friendly risk profiling solutions.

Automotive

The connected car is transforming the automotive industry. Our automotive telematics solutions are enabling the connected car and other connected assets to notify businesses and end users about vehicle faults, maintenance requirements and more.

Number of connected units
254,000

Trusted by thousands of customers



Savings with Trakm8

Up to
50%
reduction
in insurance
claims

Up to
39%
decrease
in accident
rates

Up to
35%
decrease
in speeding
incidents

Up to
10%
improvement
in fuel
economy



Trakm8 Insight

Fleet management

Get the complete 360° view of your fleet

Trakm8 Insight is a market leading software platform that processes data from telematics devices, connected cameras and mobile apps and displays them in digestible and user-friendly dashboards



Insight Essentials

Low-cost, simple live GPS vehicle tracking combined with driver behaviour. Ideal for grey-fleet, short-term hire and contractor vehicles.

- Live Vehicle Tracking
- Driver Behaviour
- Business/Private Mileage
- Mileage Reports
- Geo-fences
- Reminders (Service, MOT etc.)

Insight Business

No-nonsense vehicle tracking with vehicle health, driver behaviour, business/private mileage, geo-fencing and service & MOT reminders.

- Everything in Essentials +
- Vehicle Health
- Live Fuel, Battery & Odometer
- Additional Reports
- Customisable Dashboards, Reports and Alerts
- Connectedcare (Advanced Vehicle Health)
- Vehicle Checks

Optional Modules:

- Live Video Streaming
- Driver ID

Insight Enterprise

The customisable Insight package, precisely tailored to your needs. Select the Insight features that you need for your business including Optimisation and ePOD.

Optional Modules:

- Fleet Optimisation and Route Planning



Live vehicle tracking

Find out where your vehicles are and where they've been with live GPS vehicle tracking from Trakm8 Insight. Expense reporting is made simple with HMRC-compliant reports.



Driver behaviour

Trakm8's driver behaviour solutions are proven to cut fuel costs by up to 10%; reduce instances of speeding; and help you negotiate lower insurance premiums due to a decrease in your at-fault incident rate.



Connectedcare (Advanced Vehicle Health)

Monitor your vehicle health remotely with Trakm8 Insight. When there are issues, you'll receive alerts by email, SMS or inbox. Our innovative Connectedcare solution even alerts you to engine warning lights, saving your business expensive repair bills.



Fleet optimisation & route planning

Trakm8 Insight's fleet optimisation & route planning solution goes beyond basic route planners to deliver substantial savings by increasing vehicle utilisation and reducing total fleet mileage. By planning the jobs in the most efficient order it can help fleets reduce total miles travelled by up to 20%.



Live-streaming video

The award-winning RH600 from Trakm8 combines all the benefits of telematics with video and photo evidence of road traffic incidents right inside Trakm8 Insight.



Third-party integration

Trakm8 Insight's Integration and API enables businesses to integrate third-party telematics data inside the portal and app.





Trakm8

RH600 4G integrated telematics camera

ONE Supplier, **ONE** Dashboard, **ONE** Login, **ONE** Device

Combine all the benefits of a leading-edge telematics device with live video streaming over the 4G network. Packing all of this technology into **ONE device** means that fleet managers benefit from reduced hardware costs and vehicle downtime for installation.

The most advanced 4G telematics camera manufactured in the UK, The RH600 is proven to **reduce insurance claims by up to 50%**, **incident rates by up to 39%** and **improve driver behaviour** and **increase fuel economy by up to 10%**.

Up to
50%
reduction
in insurance
claims

Up to
39%
decrease
in accident
rates

Up to
35%
decrease
in speeding
incidents

Up to
10%
improvement
in fuel
economy

Features Include:

- HD Video Resolution
- 4G Connectivity
- Live Streaming
- Integrated Telematics
- G-Force Sensor
- Geo-fencing
- First Notification of Loss (FNOL)
- Driver Scoring
- Vehicle Diagnostics
- Camera Options
- GPS Tracking
- Remote Access To Diagnostics
- Engine Fault Codes

The RH600 can be used as a traditional dash cam with a dual-camera option, providing a 280-degree field of view that can quickly and easily gather evidence in the event of a crash. What's more, the HD cameras provide footage from a driver's perspective; crucial when determining who is at fault in an incident. For ultimate flexibility, the camera heads are detachable and can be positioned anywhere in the vehicle, even in cab – a useful tool in monitoring driver behaviour and identifying habits that could prove harmful, ultimately creating additional training opportunities.

What sets the RH600 apart from other vehicle camera solutions is that it goes beyond simple GPS location data. The RH600 comprises the same technology as our most sophisticated telematics unit, affording fleet managers a multi-functional system with all of the intuitive, rich data-harnessing functionality they have come to expect from Trakm8.

“ It allows us to know where the vans are, where they should be and to assess the performance of the vans and the drivers in a single system. ”
Iceland Foods.



HD Video Resolution



*Fnol



Integrated Telematics



Driver Scoring



Vehicle Diagnostics



Connectedcare™



Connectivity



Live Streaming



Optional Cameras



G-Sensor



Geo-Fencing



Gps Tracking



Trakm8 Insight

Fleet optimisation & route planning

Insight Optimisation uses the power of Trakm8's award-winning route optimisation algorithm to efficiently plan routes based on your available resources allowing you to increase your fleets productivity by up to 33% and cut fuel bills by up to 20%.

Powerful fleet optimisation & route planning

Insight Optimisation, uses big data to handle even the most complex fleet requirements considering the size and capabilities of your fleet and applying them to the task at hand, whether that's five or five thousand deliveries a day.

Intelligent mapping

Using the latest mapping and location data technology, Insight Optimisation provides speeds from real-time traffic flow measurements, recorded at 15-minute intervals along with the legal limits for different sections of road. It uses this data to then calculate the most efficient route, avoiding congestion.

Single depot, multi-depot & integrated fleets

Plan routes across single or multiple depots and maximise all of your assets, so vehicles & drivers across the complete operation can be utilised to make delivery or service schedules as efficiently as possible.

Manage deliveries, collections, & visits

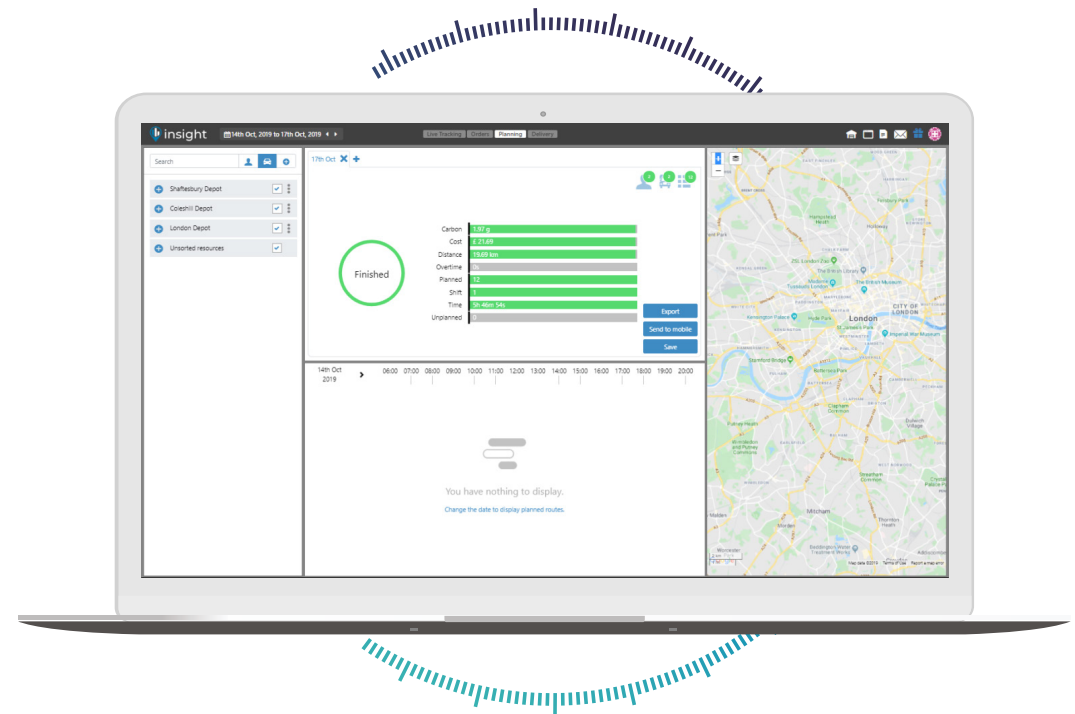
Insight Optimisation imports jobs (deliveries, collections, and visits) and automatically optimises your driver's route. Set the priority of your jobs and let the system build the most efficient schedule.

Easy-to-use interface

Insight Optimisation is web-based, accessed via your internet browser or our easy-to-use iOS or Android app for smartphones and devices. Upload a CSV file with your delivery, collection and/or appointment information and Insight Optimisation will optimise your routes in minutes.

Electronic proof of delivery (ePOD)

Remove the need for paper, our driver app boasts a simple, easy-to-use electronic signature and photo proof of delivery. With sign-on glass via the Insight app, proof of delivery or visits has never been easier or quicker.





Trakm8 Insight

Fleet optimisation & route planning

No matter your requirement, we have a number of Insight Optimisation packages to suit your business needs.

Optimise

Companies whose focus is to quickly reduce fleet operating costs (and emissions) by 10-20% in order to initiate the digital transformation of their mobile workflow.

- Job Management
- Automated Route Planning
- Export & Print Planned Routes
- Vehicle & Driver Management
- Visualise Routes & Jobs

Dispatch

For companies who want to turbo-charge growth by providing their customers with best of breed delivery experience and customer service.

- Job Management
- ePOD
- Export & Print Planned Routes
- Vehicle & Driver Management
- Visualise Routes & Jobs

Optimise & Dispatch

For top performers who wish to leverage digital transformation to grow their business while at the same time reducing environmental impact and operating costs.

- Everything in Dispatch +
- Automated Route Planning

Enterprise

Fully-featured telematics solution for the SME and Corporate markets with additional hardware and modules.

- Everything in Optimise & Dispatch +
- Live Vehicle Tracking (Optional)
- Driver Behaviour (Optional)
- Vehicle Health (Optional)
- Live-streaming Video (Optional)
- Third-party Integration (Optional)





Trakm8 Connectedcare for fleets

Connectedcare allows users to gain remote access to readings directly from the dashboard or instrument cluster via deep CANbus connectivity. This provides a complete overview of diagnostic trouble codes (DTCs) and a host of dashboard warning lights from cars, LCVs and plant equipment; all available at a fleet operator's fingertips via easy-to-use web portals and mobile apps.

What makes Connectedcare so unique is that it encapsulates a suite of handy features for fleet managers, all into one seamless offering. These include a patented battery health algorithm, which enables operators to predict battery failure before it becomes an issue, alongside access to AdBlue and DPF levels, as well as tyre pressures and temperatures.

Trakm8 can provide Connectedcare as both a standalone product, or as part of a wider telematics offering.

Trakm8 Connectedcare for leasing & hire

Trakm8 Connectedcare enables leasing & hire companies to access readings directly from the dashboard. Connectedcare gives you remote access to diagnostic trouble codes (DTCs) and dashboard warning lights from cars, light commercial vehicles and plant equipment, via our easy-to-use web portals and mobile apps. For leasing & hire companies, this all adds up to an even better-maintained asset, which should retain a higher residual value.

Benefits:

- Address minor issues before they become major problems
- Improve customer experience
- Open up additional revenue opportunities
- True ODO readings
- Incident alerts in real time
- Enhance revenues from service, maintenance and repair (SMR) activities
- Service Countdown – Alert vehicle users early to book in service

Trakm8

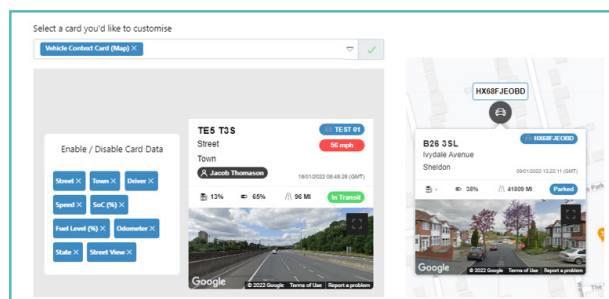
Electric vehicle telematics



Trakm8 can help you transition your fleet to EV, saving money on fuel and reducing carbon emissions. Trakm8 Insight allows you to know exactly where your electric (and conventional) vehicles are, their real-time battery charge levels and alerts you when vehicles are running low on charge.

State of battery charge

See real-time electric vehicle (EV) battery charge as a percentage of total charge. Identify which vehicles among your fleet have the most charge and ensure dispatched vehicles can complete the job.

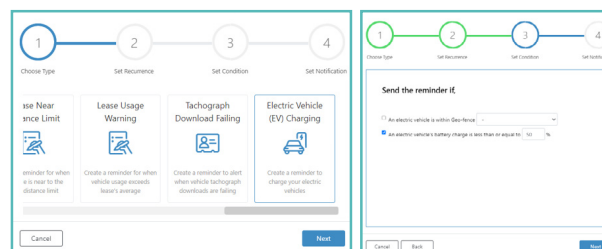


EV attributes can be added to vehicle cards for a consistent reference to the vehicle's State of Charge. The charge data is provided directly by the vehicle's on-board diagnostic (OBD) communications port, allowing you to have confidence in the data that's displayed.

Charge alerts and reminders

Create reminders based on the status of your vehicles using our EV charge reminders. This allows you to configure automated reminders that are based on your desired timeframe, you can also apply specific conditions to these reminders to ensure their validity each time.

These conditions can include the battery charge dropping below a percentage threshold, or when a vehicle is located within a specific Geo-fence, such as the organisations charging post network.



Example: Send an EV charge reminder to the vehicle's driver at 6pm IF their vehicle's State Of Charge (SoC) is less than or equal to 50%.

These reminders can be configured to be sent via email or within the Trakm8 Insight App.

Charge post mapping

Remove EV range anxiety with up-to-date visibility of the UK's network of charge points. Simply hover over the Charge Post map layer in Insight to get detailed information on charge post locations, number of posts available, connection types, compatibility, and operator's details.

We offer extensive charge post coverage with over 130,000 charge stations currently displayed and more to be added in alignment with the constant development of the UK's EV charging infrastructure.

Electric vehicle range

Insight Optimisation allows you to manually input a vehicle's range within the vehicle admin section. This is particularly helpful when operating EV or hybrid vehicles allowing you to review vehicle to ensure the correct resource is allocated to those jobs.

Trakm8 360° camera solutions

Including FORS & CLOCS compliance packages

Trakm8's FORS packages make it quick and easy for you to achieve the S6 section of the FORS silver standard. From cameras and digital video recorders to sensors and alarms, Trakm8 is your convenient one-stop shop. As a FORS associate member and a partner of the charity BRAKE, we take safety seriously. And with decades of experience in supplying road safety technology to fleets, you know that with Trakm8, you're in safe hands.

- 1 **Blind spot detection system with left turn speaker**
- 2 **7-inch TFT monitor for multi-camera systems**
- 3 **Digital video recorder**
- 4 **Side swipe / reversing camera**
- 5 **Reverse speaker**
- 6 **Reversing camera**
- 7 **Forward blind spot camera**



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Trakm8 DC-3 dash cam

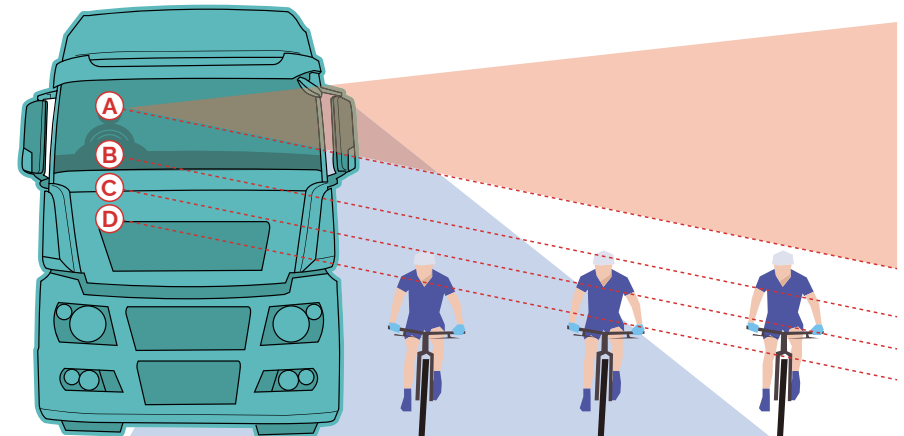
The RoadHawk DC-3 is a fully high-definition dashboard camera with accurate GPS data, speed information and memory card auto-formatting. Record crisp footage day or night, rain or shine.

Trakm8 Direct Vision Standard solution

The Direct Vision Standard (DVS) and safety permit for heavy goods vehicles (HGVs) requires all lorries over 12 tonnes gross vehicle weight to be granted a permit to enter or operate in Greater London. Failure to comply with the DVS could result in fines of £550 per day per vehicle.

The DVS rates HGV's from zero to five stars on the amount of visibility drivers have from their cab of other road users around their vehicle. The aim of the scheme is to improve road safety for all road users, such as cyclists, pedestrians and motorcyclists.

DVS requires all lorries to reach a minimum one star to enter the capital, or be fitted with a compliant Safe System relying on cameras and sensors. Trakm8 have the correct solution to help you create a compliant safe system and meet the DVS standards.



Category	Description
A	Zero star eye point
B	One star eye point
C	Three star eye point
D	Five star eye point

Trakm8

Hardware solutions



Connect 150

Unpowered Asset Tracker



Connect 200

12V Plugin Tracker



Connect 210

12V 2-Wire Battery Mounted Tracker



Connect 230

12V 3-Wire Battery Mounted Tracker



Connect 330

OBD Self-Install Device



Connect 430

3 & 12-Wire Hardwired Device



Connect 500

Ruggedised Hardwire Device



RH600

Integrated Telematics 4G Camera

Product Type	Connect 150	Connect 200	Connect 210	Connect 230	Connect 330	Connect 430	Connect 500	RH600
Compatible Vehicle Type	CAR/LCV/HGV/ Trailer/Asset	CAR/LCV	CAR/LCV	CAR/LCV	CAR/LCV	CAR/LCV/HGV	HGV/Trailer	CAR/LCV/HGV
Encrypted Secure Data Option	-	✓	✓	✓	✓	✓	-	✓
Wired Ignition Sense	-	-	-	✓	-	✓	✓	✓
Vehicle Data (Car-Van-OBD)	-	-	-	-	✓	✓	✓	-
Vehicle Data (Car-Van-Kline)	-	-	-	-	-	✓	-	✓
Vehicle Data (Truck-FMS)	-	-	-	-	-	✓	-	✓
PTO/Inputs	-	-	-	-	-	✓	-	✓
Immobilisation	-	-	-	-	-	-	✓	-
Power Fail Detection Battery Backup	✓	-	-	-	✓	-	✓	-
Video Capture	-	-	-	-	-	-	-	✓
Waterproof	✓	-	-	-	-	-	✓	-
Driver Feedback Display	-	-	-	-	-	✓	✓	✓
Dallas DriverID	-	-	-	-	-	✓	✓	✓
Tacho DriverID	-	-	-	-	-	-	✓	✓
Tacho DriverID & Download	-	-	-	-	-	-	✓	✓
Business/Private Button	-	✓	-	-	-	✓	✓	✓
Camera Lens Uplift	-	-	-	-	-	-	-	✓



ACC710

Driver ID Via Dallas Key

The ACC710 Accessory is a low energy Bluetooth device that connects wirelessly with compatible Trakm8 telematics devices to deliver a wide range of functionality at the drivers fingertips.



ACC750

In-cab Driver Feedback



The ACC750 is a combined driver identification and feedback solution that connects to a wide range of Trakm8 devices over wired and wireless connections.



Connect 200

12V Plugin Tracker



Compact and cost effective tracking and driver behaviour device that fits directly into the cigarette lighter.



Connect 430

3 & 12 Wire Hardwire Device

Engineered specifically for the insurance and fleet sectors, the Connect 430 is a compact and robust device which is designed to be quickly and easily hard-wired to a vehicle including a self install option. Through deep CANbus connectivity, it provides rich insights into driver behaviour and vehicle status, as well as highly-accurate GPS location data.



Connect 210

12V 2 wire Battery Mounted Tracker



The Connect 210 is a compact and cost effective 2 wire device that fits directly to the vehicle battery and is ideal for the insurance market.



Connect 150

Tracker For Unpowered Assets

The C150 is a waterproof GNSS (Global Navigation Satellite System) tracker that is designed for fixed asset tracking applications. It is powered by an internal battery pack allowing more than 1800 days standby time. It supports a flexible switch between continuous mode (real time monitoring) and power save mode which periodically confirms asset status.



Connect 230

12V 3 wire Battery Mounted Tracker



The Connected 230 is a compact and cost effective 3 wire device that fits directly to the vehicle battery and is ideal for the insurance market.



Connect 500

Ruggedised Hardwire Device

The Connect 500 is the latest product to be developed by Trakm8 and is the market leading 2G telematics device. The rugged, waterproof, IP69K rated device has been designed to provide Fleet Managers with some of the most precise vehicle and driver behaviour data available today.



Connect 330

OBD Self-Install Device



The Connect 330 has been developed to process and provide telematics data including vehicle diagnostics. It is fully certified and connects via GPRS with all functions fully enclosed within one of the smallest telematics devices available on the market.



RH600

Integrated Telematics 4G Camera

Why waste time and money installing separate cameras and vehicle trackers? Take road safety and fleet efficiency to the next level with the award-winning RH600, the first 4G vehicle camera combined with fully featured telematics.

Trakm8 - the UK company you can trust
Data driven insights



Find out more about our Partner Programme and learn how your business can increase sales with existing and new customers by providing value added services through our comprehensive fleet solutions and support.

For more information email us on resellersales@trakm8.com
or visit the website: <https://www.trakm8.com/partners>

Trakm8 Limited

Unit 4, Roman Park
Roman Way, Coleshill
West Midlands, B46 1HG

Email: info@trakm8.com
Call: +44 (0) 330 311 5157
Web: www.trakm8.com

Trakm8
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