VEHICLE TRACKING & FLEET MANAGEMENT SOLUTIONS
Ctrack is one of the world’s largest telematics (vehicle tracking) companies, with our units deployed in 53 countries, across 5 continents.

Ctrack has been established in the telematics market for 30 years and offers the widest range of solutions available in the UK telematics market place. Ctrack are a wholly-owned subsidiary of Novatel Wireless (NASDAQ: MIFI). We have thousands of customers using our system every day to improve efficiency and reducing operational costs.

Fleet operators are increasingly turning to vehicle tracking to boost profitability by reducing costs, increasing productivity and operational efficiencies. Ctrack Online is our web-based vehicle tracking solution that provides visibility and control over mobile assets.

The system has been designed to be simple-to-use and intuitive, enabling businesses to better manage their fleet operation. Real-time and historical performance data relating to vehicles and employees, enables our customers to analyse and improve operational efficiency.

Benefits of our technology:

- Decrease fuel consumption,
- Increase driver productivity and jobs per day
- Improve driver behaviour
- Reduce CO2 and environmental impact
- Reduce insurance premiums
- Duty of Care and HMRC legislative compliance
- Reduce communication costs
- Gain proof of delivery and work
- Eliminate unauthorised vehicle use
- Verify time sheets and overtime claims
- Improve customer response times
- Enhance job allocation
- Increases vehicle security

Intelligent Solutions

Ctrack telematics devices and software applications are designed, developed and manufactured in-house.

Our hardware boasts driver behaviour technology as standard, with a 3-axis accelerometer used to record movement detection including speed violation and harsh driving (acceleration, braking, cornering, vertical movement and roll over).

Event detection and recording provides both crash and severe crash detection that can alert fleet operator to an incident and fully evaluate how a vehicle was being driven at the time of the event.

Where, When and How?

Most vehicle tracking solutions on the market can provide you with the “Where and When”, but what makes Ctrack Online different is it also provides you with the “How?”

Driver Behaviour Monitoring is the next generation in telematics technology that provides insight to improve driving styles and fleet performance. As a result, fleet operators can now access detailed reporting that uses:

- 3-way accelerometer technology
- GPS positional data
- Optional in-cab real time driver feedback
- Unique scheduled reporting system
- Proven structured processes to realise value
Unrivalled Support

Ctrack provides national support with dedicated staff and engineers based across the UK and Ireland. We provide customers with a focussed consultative personal service, ensuring you receive the most appropriate solution to meet your requirements along with industry leading customer service.

Ctrack is committed to delivering a first-class level of service with our own directly employed engineers, we provide a total end to end solution.

Case Study - James Frew

James Frew achieves 30% fuel saving as well as reducing accident levels

James Frew, one of the largest privately owned building services companies in Scotland, installed the Ctrack tracking system, incorporating a driver behaviour solution, across 110 vans operated by its team of engineers to target a range of efficiency savings and improvements in health and safety

• Reducing fuel costs by almost 30 per cent by engaging directly with the engineers real-time driver feedback, while identifying and addressing any performance issues that exist.

• Encouraging responsible and stress-free driving that has resulted in a drop in accidents, with no serious incidents occurring since the tracking system was installed.

“We implemented a fleet improvement strategy that targeted operational savings through enhancements to driver behaviour as well our routing and scheduling processes, with the Ctrack solution becoming as essential part of the programme,”

Sandy Clare, Financial Director, James Frew

Case Study - Anglian Water

Anglian Water expands vehicle tracking solution after improvements in road safety and fleet efficiency

Anglian Water has extended its vehicle tracking solution with Ctrack across its fleet, having already achieved a host of benefits in terms of road safety, fuel efficiency and environmental responsibility. A year after the initial 1750 vehicles were fitted, the number of road accidents across Anglian Water’s commercial fleet operation had fallen by 14 per cent, while fuel efficiency improved by 10 per cent and carbon emissions dropped by 4 per cent.

“We have worked closely with Ctrack to develop an effective tracking solution that supports our commitment to duty of care. The safety of our staff, other road users and pedestrians in the areas we operate, is our biggest priority, so we are delighted to see such positive changes to driver behaviour. Moving forward we are targeting a 25 per cent reduction in accidents as well further improvements in fuel efficiency.”

Stewart Lightbody, Head of Fleet Services, Anglian Water
Ctrack Online delivers a comprehensive range of reports which can be scheduled to multiple recipients for a set time, date or frequency, in a variety of user friendly formats. These automated email reports include journey, timesheet, mileage, exception, driver behaviour, fuel and utilisation to ensure the right data is delivered to the stakeholder in the most effective format at the right time.

Ctrack Mobi2 is a real-time fleet management application that enables fleet managers to monitor their vehicles and resources from an iPhone, Android smartphone or tablet. This simple-to-use tracking app ensures that your assets are always visible, making it an ideal solution when you are on the road, with no access to a laptop or PC.

The innovative and simple-to-use mobi2 features HERE Maps, including map, satellite and terrain views, along with trip summaries, journey reports, driver behaviour and business / private mileage data.
The Driver Behaviour Indicator (DBI) is an in-vehicle device that alerts drivers to any infringements when on the road by displaying a series of traffic-light coloured warning lights.

The DBI warns of a range of exceptions including harsh acceleration, braking, cornering and bumping as well as speed violations and excessive engine idling, to encourage improved behaviour behind the wheel.

Green, amber and red lights display a cumulative number of warnings, whilst a sustained period of responsible driving will enable a driver to clear the lights.
Ctrack, in partnership with Garmin, have created Ctrack Connected Navigation, an integrated telematics solution that combines vehicle tracking, navigation and messaging solutions. By combining Ctrack’s advanced tracking tools with Garmin’s Nuvi and Dezl range of on-board navigation devices, fleet operators will now be able to boost performance by enhancing driver communication, workflow management and responsible driving.

Connected Navigation offers all the features of a Garmin device, including route planning and live traffic information, along with advanced functionality such as task management, two-way messaging, driver ID and driver behaviour feedback. Fleet operators will be able use the integrated tracking tool to identify an appropriate driver for a job and dispatch them via the on-board device with automatic route calculation and navigation. Drivers are able to provide live updates & statuses.

In addition, the units incorporate Ctrack’s Driver Behaviour Indicator (DBI) on screen without the need for an additional device. Models in our range cover a whole host of features, including models with specific HGV Truck & Trailer Profiles, Advanced HGV Routing and even models with a built in Forward Facing Dashboard Video Camera.

Driver ID

Ctrack’s Driver ID offers companies greater insight into the status and whereabouts of mobile employees historically or in real-time by allowing visibility and reporting by driver as well as by vehicle.

Drivers can be identified via a number of methods to provide highly accurate data for all movements within a workforce including a dallas key and in-vehicle reader, an integrated navigation device and active or passive RFID tag.

In particular, smartcard functionality can now take advantage of existing workforce identification solutions by supporting employee or building entry card systems to provide advanced insight into the status and whereabouts of drivers.

Ctrack Wireless is a portable, battery-powered tracking system to help manage, utilise and protect all types of powered and unpowered assets. Keeping track of resources that are constantly on the move has always been a challenge for businesses, especially when they possess no power source.

Ctrack Wireless supports the tracking of a wide range of vehicles, assets and equipment including trailers, containers, plant, machinery, palletised loads, rental vehicles, high-value cargo, boats, caravans and motorcycles.

Ctrack Wireless can be used as a standalone tool or part of a wider tracking solution, with realtime and historical data, viewed via the web-based Ctrack Online system or the Mobi2,Ctrack’s mobile application. Reports are available to schedule automatically on a recurring basis covering location, activity, utilisation and maintenance.
Specialist Vehicles

Ctrack is the ideal partner to provide advanced vehicle tracking across all specialist vehicles to help overcome unique challenges. Our solutions are suitable for a wide range of vehicles including, but not limited to, refuse collection and recycling, gritters, snow ploughs, sweepers, gully suckers, quad bikes and grass cutters, delivering measurable business and operational benefits and improvements.

Using our range of specialist vehicle tracking systems, local authorities and third-party maintenance operators are now able to adopt advanced solutions that will help reduce operational costs, improve utilisation, enhance health and safety, increase service levels and protect against false insurance claims.

Many specialist vehicles have extremely low efficiency, so it is essential to keep mileage to a minimum and boost fuel economy by having complete visibility that these vehicles are being driven responsibly and are not deviating from the most effective routes or making unscheduled stops.

Power Take Off (PTO)

With PTO (Power Take Off) / event tracking it is possible to have full visibility of additional vehicle-related activities and peripheral equipment activities.

There are a wide range of applications for standard and specialist vehicles to monitor and measure a variety of equipment including bin / skip lifts, emergency lights, gritting systems, tyre compressors, cranes, door opening / closing and safety equipment.

PTO sensors integrate seamlessly with the on-board tracking unit and can capture data from a wide range of analogue and digital inputs. This information is viewed via our tracking system and presented in a number of user-friendly reports and format, while alerts can be set up to notify of any unauthorised event or usage.

Ctrack CANTouch (CANBUS)

CANTouch is our warranty-friendly solution that connects into a vehicles CANbus system to access performance and usage information of a vehicle. CANTouch attaches over the top of the CAN High & Low wires reading the data through the insulation, capturing data such as: trip MPG, average MPG, RPM and odometer reading etc.

CANTouch is manufactured in-house and enables fleet operators to extract CANBus data from without the risk of invalidating the manufacturer’s warranties.

Furthermore, the solution does not need to access a FMS (Fleet Management Standard) gateway that are currently only available on a small percentage of commercial vehicles and can cost as much as £1,200 to retrofit.

Panic Button

The welfare of vulnerable lone workers and mobile teams is a priority for any business and has to be given plenty of consideration to ensure appropriate measures are taken and operational processes are in place. Panic buttons now give remote employees the freedom to operate in isolated or unfamiliar locations without being cut off, while providing organisations with added peace of mind.

By integrating panic buttons with vehicle tracking, it is possible to receive an immediate email or on-screen alert warning that a device has been activated. This real-time alarm allows action to be undertaken by office-based personnel to ensure the safety of your mobile employees.

Ctrack API

Ctrack has significant experience integrating our industry-leading tracking software with leading third party applications such as ERP, routing and scheduling, work management, GIS and transport management.

Using our application programming interface (API), developers are able to create bespoke solutions that export live data from our systems into other back-office software tools.

Our technology has been integrated with a wide range of back office software solutions including:

- SAP, Paragon, Route Logic, Command Alcon, Truckfile, Click Software, JD Edwards, Esri and Advantex.

This has opened up a whole new layer of capability for intelligent reporting following the implementation of our telematics solutions.
Ctrack Insurance Partnerships

Ctrack has an extensive and rich history in both commercial and retail insurance sectors through providing services for the insurers directly or on behalf of our customers. We have working relationships with almost all major insurers and brokers, Ctrack have helped customers realise considerable discounts on their annual insurance premium. With over 350,000 insurance focused devices in the field, Ctrack can advise from a position of experience.

Ctrack’s ability to monitor, identify and act on risk areas within your fleet has earnt it approval from insurers across the globe. Our approach is a result of our experience and one which allows you to improve your risk and your insurer to improve their loss ratio.

The result of reducing your risks speak for themselves, less accidents, reduced chance of being involved in an accident that wasn’t your fault and improved wear and tear on the vehicle. Improvements in these areas not only provides a reduction in the cost of your insurance, but will also reduce vehicle and driver down time as a result of avoidable accidents and extend the life of the vehicle through improved wear and tear.

The insurance sector is a focus for Ctrack and as a result dedicated insurance applications are available

- UBI – Pay as you drive
- UBI – Pay how you drive
- Bespoke development capability
- Actuary approved advanced rating solution
- Risk management portal
- First notification of loss (FNOL)
- Driver feedback
- Driver training

Ctrack Customers / References

For further information please contact a member of our sales team:

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