foretrack

ForeConnect

Insightful Asset Tracking

Foresolutions is a specialist in strategic solutions, hardware and software for the tracking of both motorised and non-motorised assets. We support customers working in complex industries such as construction, aggregates, waste management, skip hire, recycling, plant hire, manufacturing, aviation, marine, haulage, shipping - and more!

Using the latest scalable technology, combined with market-leading hardware, our Foretrack Connect platform enables customers to monitor all their assets and - most importantly - get insightful data to improve operational efficiencies, service, security and profits.

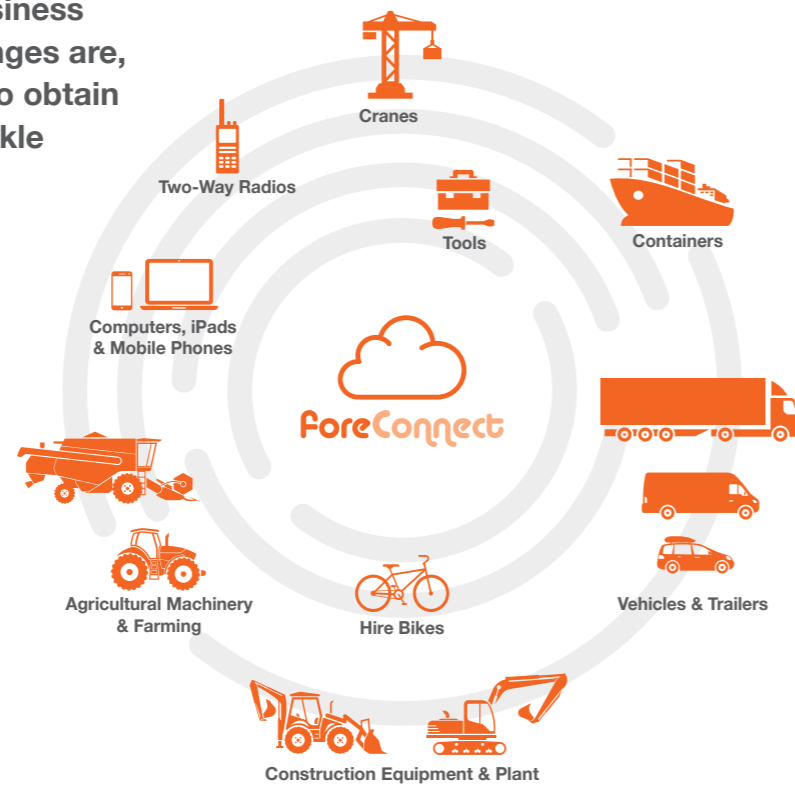*No matter what kind of asset you need to monitor, we can track it!*

foresolutions.co.uk

foresolutions

Working with Foresolutions

We take the time to fully understand your organisation; how it works and your business goals. When we know what your challenges are, we can determine what data you need to obtain and provide a connected solution to tackle these head on.

We will suggest or create your own hardware and software package to deliver the information you need to achieve your goals; whether that's improving operational efficiencies, customer service, security or simply to increase profits.

Whether you need your assets monitored 24/7/365, or just when they move or something changes, we can manage that change for you and do this with global coverage.

Cranes

Two-Way Radios

Tools

Containers

Computers, iPads & Mobile Phones

ForeConnect

Agricultural Machinery & Farming

Hire Bikes

Vehicles & Trailers

Construction Equipment & Plant

0330 094 5344
sales@foresolutions.co.uk

Foretrack Capabilities

Whether the assets you need to track are powered or non-powered, used indoors or outdoors, we can track them and provide you with insightful data to improve your day-to-day business operations.

Our system provides so much more than location data. We can:

- Monitor refrigerated vehicles temperature
- Log arrivals and departures with geofencing
- Protect against fraud with internal and external cameras
- Provide security with panic alerts
- Remind when service and maintenance is due
- Give speed alerts
- Help make sense of your data with advanced analytics
- Automate scheduled reporting and timesheets
- Provide video evidence of incidents
- Grant driver or operator authorisation and reporting
- Supply driver behaviour data / automated alerts

Our software is device-agnostic, so whatever your application, we can choose the appropriate hardware or integrate with your existing hardware or systems.

foresolutions.co.uk

We can track:

Vehicles
Hire Bikes
Lone Workers
Cash Machines
Skips
Stage Equipment
Refrigerated Vehicles
Pharmaceuticals
Containers
Building Equipment
Farm Animals
Agricultural Machinery
Plant Machinery
Portaloos
Cranes
Tools

And so much more!

0330 094 5344
sales@foresolutions.co.uk

Foretrack Benefits

We are committed to providing you with a bespoke solution that gives your business exactly what it needs to succeed.

We are committed to providing you with a bespoke solution that gives your business exactly what it needs to succeed.

Just some of the benefits you can expect from working with Foretrack include:

- Get a complete overview of your assets
- Identify key savings
- Lower fuel consumption
- Cut paperwork and improve record keeping
- Maximise driver safety and asset security
- Improve your turnarounds
- Reduce service and maintenance costs
- Improve customer service

foresolutions.co.uk

The Hardware Options

The following pages detail some of our most popular tracking devices.

Oyster 2
Battery-Powered, IP67 Rated, Compact GPS Asset Tracker

Works on Fore Asset & Foreconnect systems

The Oyster2 is a rugged, waterproof, cellular GPS tracking device designed for tracking non-powered, exposed assets where super-long battery life is essential.

The device works on 2G or 4G Cat-M1/NB-IoT networks and can be fitted with Lithium-Thionyl-Chloride (LTC) batteries, for extended temperature tolerance. The innovative battery meter allows precise battery level monitoring and accurate battery life predictions.

Features:

- 2G or 4G Cat-M1/NB-IoT Modem
- Up to 1 year once-hourly updates
- Up to 7 years once-daily updates
- IP67 water and dust proof
- Rugged, robust and low profile
- No install required, simply "place 'n trace"
- Battery meter for accurate battery monitoring
- Unauthorised movement alert
- Integrated accelerometer
- OTA updates
- Geofence alerts
- Curfew + Behaviours alerts
- Journeys tracking + custom date range picker
- In Journey alerts
- Up to 6 Months of data

Vehicle & Fleet Tracking

Non-powered Asset Tracking

Equipment Locate & Recovery

Trailers & Mobile Assets

Shipping Containers & Freight

Anchoring & Security Of Assets

Remora 2
Super long-life, Battery Powered, IP67 GPS Tracking Device With Bluetooth

Works on Fore Asset & Foreconnect systems

The Remora, redesigned and supercharged. The Remora 2 is an IP67 rated, rugged 2G or 4G Cat-M1/Nb-IoT GPS device designed for tracking non-powered assets where super-long battery life is required without sacrificing the frequency of updates and accuracy performance.

Features:

- Up to 5 years once-hourly updates
- No install required, simply "place 'n trace"
- IP67 water and dust proof
- Bluetooth Low Energy (BLE) v5
- Switch from "locate" to "track" over-the-air
- Magnetic tamper detection
- Battery Meter (Coulomb Counter)
- Unauthorised movement alerts
- Integrated Accelerometer
- High-G Event Detection
- Uses Bluetooth to work along side Guppy

Non-powered Asset Tracking

Electronic Odometer

Trailers & Mobile Assets

Shipping Containers & Freight

Anchoring & Security Of Assets

Low-value Asset Tracking

Yabby GPS 4G Cat-M1/NB1
Compact IP-67 Rugged Battery-powered GPS Tracking On 4G LTE CAT-M1 & NB-IoT Networks

Works on Fore Asset & Foreconnect systems

The Yabby is a compact, battery-powered, IP67 tracking device. Perfect for mounting to small assets or in a concealed location.

Features:

- Operates on LTE CAT-M1 and NB-IoT networks around the world
- High performance GPS gives precise positioning
- Long battery life up to 3 years
- 3D Accelerometer
- Small size, IP67 Rated
- Uses 3 x AAA off-the-shelf replaceable batteries
- After hours movement/activity alerts
- Easy to install simply "place-n-trace"
- Easy to conceal
- Suitable for livestock, pallets, kegs, tools, people, packages, bins, containers etc…
- OTA updates
- Geofence alerts
- Curfew + Behaviours alerts
- Journeys tracking + custom date range picker
- In Journey alerts
- Up to 6 Months of data

Non-powered Asset Tracking

Equipment Locate & Recovery

Shipping Containers & Freight

Anchoring & Security Of Assets

Livestock Tracking

Falcon
2G or 4G LTE-M / NB-IOT
GPS Tracking Device

Works on Fore Asset & Foreconnect systems

Feature-rich battery-powered or powered GPS tracking device with customizable inputs/outputs, I²C Sensor Interface, and WiFi Positioning for indoor and outdoor asset tracking and cold chain monitoring applications.

Features:

- High-precision GPS/GLONASS tracking device
- WiFi Positioning for Indoor Asset Tracking
- 1 x Analog Input, 2 x Digital Inputs, 1 x Switched Ground Digital Output, 1 x Ignition Digital Input, Switched Power Out
- I²C Sensor Interface
- Weatherproof and rugged IP67 Housing with compact and ergonomic design
- Flexible Power Options - 3 x AA Batteries with up to 7 years battery life or wired to permanent power
- Compatible with LTC Batteries for tracking in extreme temperatures
- Built-in Battery Meter for remote Battery Life Monitoring and Remaining Life Predictions
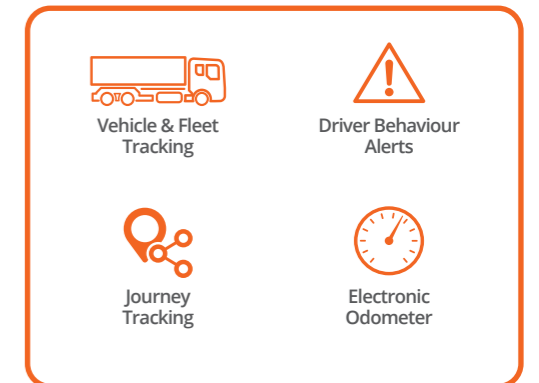- Cellular 2G or 4G LTE-M / NB-IoT

Non-powered Asset Tracking

Equipment Locate & Recovery

Pallets & Parcels

Anchoring & Security Of Assets

Cold Chain Management

FMB204
Compact waterproof tracker with internal high gain GNSS/GSM antennas, Bluetooth and high capacity internal Li-ion battery.

Works on Fore Asset & Foreconnect systems

FMB204 is a tracking terminal with GNSS and GSM connectivity, which is able to collect device coordinates and transfer them via GSM network to a server. This device is perfectly suitable for applications, which require the location acquirement of remote objects.

Features:

- 128 MB internal Flash memory (422 400 Records);
- Built-in movement sensor;
- Integrated Li-ion battery 3.75V, 1800mAh for FMB204 device;
- Internal High Gain GSM antenna;
- Internal High Gain GNSS antenna;
- High Quality track even in high density urban canyon;
- Ready for harsh environment;
- Any element event triggers (external sensor, input, speed, temperature, etc.);
- Highly configurable data acquisition and sending;
- Multiple Geo-fence areas;
- Sleep mode;
- Deep sleep mode;
- Configurable scenarios available;
- Real-time process monitoring;
- Authorized number list for remote access;
- Firmware update over GPRS or USB port;
- Configuration update over GPRS, SMS or USB port;
- TCP/IP or UDP/IP protocol support;
- >500000 record storing;
- Overvoltage protection.

Vehicle & Fleet Tracking

Driver Behaviour Alerts

Journey Tracking

Electronic Odometer

FMB003
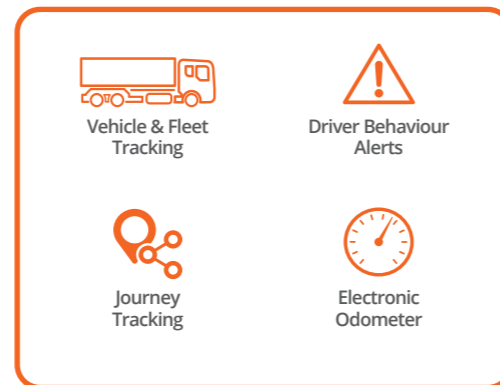## Advanced Plug & Track OBDII Device with Bluetooth

The FMB003 is an ultra-small plug and play device dedicated to OBD applications of next generation. The main feature of FMB003 is its potential to read OEM parameters (PIDs) via OBD port. With this device you will be able to read Real Odometer and Real Fuel Level data. This device also comes with supported vehicles and data list, so you need to guess no more, now you know what data you can read from specific vehicle.

The FMB003 is a perfect tracker for a wide range of use cases including; fleet management of light commercial vehicles, driver log-book, insurance telematics (UBI), car rental & leasing and others.

This device supports various BLE 4.0 sensors, beacons, hands-free headset, firmware and configuration update via Bluetooth, expanding its already rich set of features.

Features:

- Crash detection according to accelerometer data
- Bluetooth for external devices and Low Energy sensors
- Standard OBDII data reading from vehicle ECU
- Fleet Management
- Driver Log-Book
- Insurance Telematics (UBI)
- Connected Car

Vehicle & Fleet Tracking

Driver Behaviour Alerts

Journey Tracking

Electronic Odometer

FMT100
Easy Installation GPRS/GNSS Tracker with Gyroscope
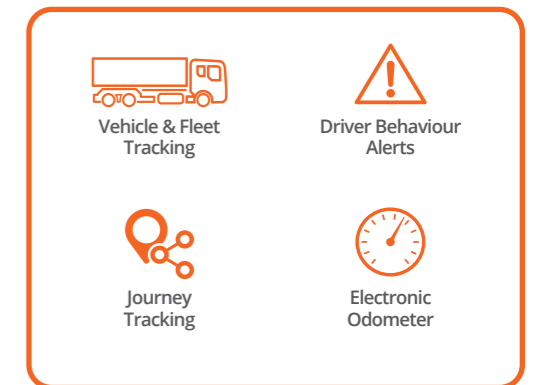
The small, smart and waterproof FMT100 GPRS/GNSS tracker with Bluetooth connectivity and internal backup battery. Its best in class internal High Gain GNSS antenna allows mounting directly on to car battery. The FMT100 is equipped with special clamp connector for fast power cable connection to the car battery.

The solid waterproof case and built-in accelerometer and gyroscope sensors with extremely accurate crash trace functionality make this device perfectly suitable for insurance market solutions.

Features:

- Allows device to work without external power source
- Crash detection functionality working according accelerometer data
- Bluetooth for external devices and Low Energy sensors
- Built-in accelerometer for accurate crash trace data
- Ideal for light vehicles, courier deliver vehicles and taxis
- Insurance Telematics (UBI)
- Connected Car

Vehicle & Fleet Tracking

Driver Behaviour Alerts

Journey Tracking

Electronic Odometer

Case Study

K Coghlan Plant & Transport Ltd

The Client

Company: K Coghlan Plant & Transport Ltd
Employees: 35-40
Fleet Size: 56 including plant

With a fleet of 56 vehicles and plant equipment, K Coghlan Plant and Transport were relying upon drivers to report their daily activity via mobile phones – a process that was time intensive and open to inaccuracies and mistakes.

They needed an automated solution that would help them improve efficiency, decrease fuel costs, and protect against fraudulent insurance claims.

We supplied internal and external cameras to help protect against fraudulent claims and to prevent drivers from leaving the vehicles idling. The solution also allowed them to find routing efficiencies to save both fuel and time, whilst improving driver behaviour thanks to system alerts on excessive speeds and harsh braking. Finally, knowing the precise location of each vehicle meant customer service was improved, as they now had the ability to provide specific pick up and drop off times.

" Before deploying Foretrack, it was like trying to play darts blindfolded. Now we have such clear visibility of our fleet operations we can report on real quantifiable benefits such as cost savings, greater protection for our drivers and vehicles and the peace of mind this brings as a Transport Manager."

Jed Keetch, Transport Manager

KEY BENEFITS:
- **Greater Fleet Location Visibility**
- **Better Customer Service**
- **Reduced Running Costs**
- **Fraud Protection**

Advance Construction Scotland

The Client

Company: Advance Construction Scotland
Employees: Over 1,400
Fleet Size: 750 including plant

With over 1,400 employees, 750 vehicles and plant equipment and a turnover in excess of £160 million, Advance Construction Scotland (ACS) needed real-time control and visibility of all their assets and staff.

The Foretrack system analyses vehicle movements to and from each project site and collates them into a bespoke report that's sent to the appropriate project manager each day. In addition, it helps ACS manage timesheets and billing, a complicated task with such a large workforce working across multiple projects, which has reduced administration hours significantly.

ACS has now relied on Foretrack to help them control their fleet of over for over 10 years, and benefit from the development of bespoke new features reports to help them achieve cost savings across the business.

" The Foretrack system is a key part of our business operations, giving us real-time control and visibility of our fleet.

The team works closely with us to add new features and create bespoke reports, helping us reduce administration costs and achieve other savings across the business."

Gareth Mollan, Plant Manager

Contact us today for more information
0330 094 5344
sales@foresolutions.co.uk

foresolutions.co.uk

Foretrack is a brand of Foresolutions Limited.

Foresolutions Limited
Unit 5C, GP Centre, Yeoman Road,
Ringwood, Hampshire, BH24 3FF