



## 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!***





# 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.



## 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.





## **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!***



## Foretrack Benefits

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

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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





## The Hardware Options

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



## Oyster 3 Battery-Powered, IP67 Rated, Compact GPS Asset Tracker

Works on Fore Asset & Foreconnect systems

The Oyster3 is a rugged, waterproof, cellular GPS tracking device designed for tracking non-powered, exposed assets where super-long battery life is essential. Deploy-once battery life with up to 10+ years on only 3 x AA user-replaceable batteries

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
- Supports automatic roaming between LTE-M and NB-IoT networks
- Up to 1 year once-hourly updates
- Up to 7 years once-daily updates
- Weatherproof and ultra-rugged IP68, IK07 housing
- Rugged, robust and low profile
- No install required, simply "place 'n trace"
- Impact detection & tip detection alerts
- Integrated accelerometer
- OTA updates
- Advanced Geofence alerts
- Curfew + Behaviours alerts
- Journeys tracking + custom date range picker
- In Journey alerts
- Up to 6 Months of data





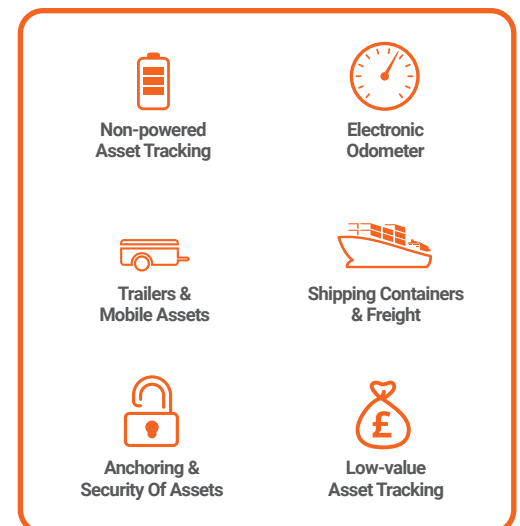
## Remora 2 Super long-life, Battery Powered, IP67 GPS Tracking Device With Bluetooth

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



## Yabby 3

### Compact and ultra-rugged battery-powered GPS asset tracker featuring 2+ years battery life

Works on Fore Asset & Foreconnect systems

The Yabby3 GPS device is ultra-rugged and compact Indoor/Outdoor asset tracker. Features cloud-based location solving for over 10 years of battery life. GPS, GLONASS, Galileo, QZSS positioning systems are used simultaneously for enhanced accuracy and faster fixes.

The rugged and weatherproof IP67 housing ensures that the device can withstand extreme temperatures and being submerged in 1m of water for up to 30 minutes.

Adaptive tracking technology detects when the device is on the move and increases the update rate, providing detail when you need it while conserving battery when stationary.

#### Features:

- Ultra rugged and weatherproof, IP68, IK06 housing.
- 10+ years battery life with AAA batteries
- Adaptive Tracking
- Flexible Configuration
- Compact and Concealable with wire free installation
- Intelligent power management
- Supports automatic roaming between LTE-M and NB-IoT networks





## Yabby Edge LTE-M / NB-IoT. Seamless Indoor/ Outdoor GPS tracking

Works on Fore Asset & Foreconnect systems

The Yabby Edge utilises GNSS, Wi-Fi AP MAC Address Scanning, and Cell Tower to provide the most accurate position possible whilst optimising and saving battery power.

Unlike most GNSS location tracking devices on the market today, the Yabby Edge uses cloud based location solving, meaning that all of the location processing workload is processed in the cloud, instead of handling location calculations on the device itself. This substantially decreases power consumption and ensures that businesses can track their assets for up to 10+ years.

With an industry-leading battery life on user-replaceable, easily sourced AAA batteries the Yabby Edge is truly a “deploy once” device that requires minimal interaction once installed.

### Features:

- Ultra rugged and weatherproof, IP68, IK06 housing.
- 10+ years battery life with AAA batteries
- Adaptive Tracking - tracks assets throughout the day or when moving, entering sleep mode when inactive to conserve battery life.
- Set up geofences and alerts if asset leave selected location
- Compact and Concealable with wire free installation
- Intelligent power management
- Supports automatic roaming between LTE-M and NB-IoT networks





## FMC230 Waterproof 4G LTE Cat 1 tracker with flexible inputs

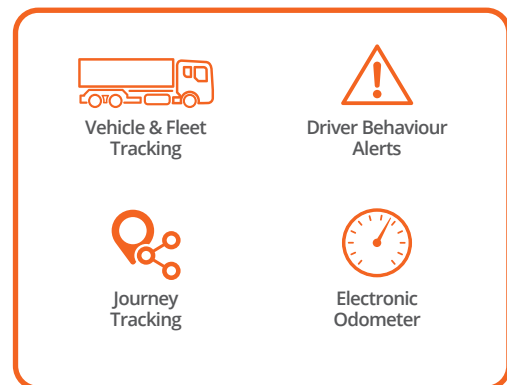
Works on Fore Asset & Foreconnect systems

the Teltonika FMC230 comes equipped with internal GNSS, LTE antennas, configurable digital / analog / negative and impulse inputs, three DOUT outputs, Bluetooth connectivity, and backup battery. FMC230 developed on the existing Teltonika platform, therefore it keeps all the functionalities from FMC130 with an additional IP67 resistance to dust and water.

This tracker is dust tight and protected against the effects of a temporary immersion in water. It can be mounted inside and outside a vehicle without worries that high pressured water, mud or dusty environment will impact its operation or performance quality.

### Features:

- Robust IP67-rated casing provides trusted protection against dust and resistance to water
- Standard and U-type cable options available to ensure easy and fast installation
- Temperature and Humidity sensor, Inateck Barcode Scanner, Universal BLE sensors support
- Innovative click-type two-phase closing with no additional tools needed
- Sleep mode: GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
- Ignition detection: Digital Input 1, Accelerometer, External Power Voltage, Engine RPM (CAN Adapters, OBDII dongle)



## FMC130 Advanced 4G LTE Cat 1 tracker with flexible inputs

Works on Fore Asset & Foreconnect systems

The Teltonika FMC130 GPS vehicle tracker is a small advanced series device with 4G (LTE Cat 1) network coverage including 3G (UMTS), 2G (GSM) fallback compatibility. It comes equipped with internal GNSS, LTE antennas, configurable digital/analog/negative and impulse inputs, Bluetooth connectivity, and a backup battery.

Suitable for applications where location acquirement of remote objects is needed: fleet management, car rental companies, taxi companies, public transport, logistics companies, personal cars and so on.

### Features:

- Reliable 4G connection with fallback to 3G network
- Ideal for general fleet management and live tracking of cars, vans, trucks and lorries.
- Temperature & Humidity monitoring with compact bluetooth or hard wired sensors
- Can accurately monitor & report on fuel usage with analogue fuel guage sender or via CANBUS adapte
- Extensive remote monitoring capabilities
- Battery allows device to work with an external powerpoint
- Online & email reports including trips with driver behaviour, daily summary, fuel usage and routes taken. Exportable to Excel or PDF.
- Sleep modes: GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
- You can
- Includes all alerting via SMS, Email and App Notifications
- Configurable DIN/AIN for flexible remote monitoring and control.
- Negative input allows for easier installation.





## FMB003 Advanced Plug & Track OBDII Device with Bluetooth

Works on Fore Asset & Foreconnect systems

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

Works on Fore Asset & Foreconnect systems

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



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## 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**

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