A better way to manage your fleet and assets

Teletrac Navman GPS Fleet and Asset Management Solutions

TELETRAC **NAVMAN**

How near real-time control can assist increase efficiency, lower costs and improve customer service

Teletrac Navman GPS Fleet and Asset Management Solutions can help reduce the guess work from managing your vehicles and assets.

With a simple and intuitive interface, you'll have the intelligence to help you easily locate vehicles and assets, monitor driver behavior and improve job dispatch – whether you want to track a single asset or an entire fleet. The solution is suitable for most industries with a fleet or asset and provides a range of features, reports and alerts that can be tailored to fit your specific requirements.

With the reach of the Telstra Mobile network, you'll be able to monitor assets from more places. Where Telstra Mobile network coverage is not available, our optional Iridium satellite network may be available to provide near real-time vehicle location, mapping and reporting.

Improve safety of staff in the field

Using the add-on Satellite Communications Unit allows you visibility and communication with your employees, vehicles and equipment whether they are in Telstra network coverage or not. Keeping track of your workers and assets – whether in the city or remote areas – is an important necessity in managing the safety of your employees and your duty of care responsibility. You can also keep track of your vehicle and asset registration and maintenance, helping you keep your fleet running optimally and reducing the risk to employees.

Have more control

View vehicle activities with address, date, and time. You'll be able to isolate business from private travel costs using fringe benefit reporting, reduce reliance on manual timesheets, resolve job and timesheet discrepancies quickly and monitor individual performance on a daily, weekly or monthly basis as well as driver safety. What's more, you'll have proof of delivery and other information to help settle customer queries or improve billing accuracy.

Run your fleet more efficiently

Improve route planning and dispatch to the nearest vehicle to help save time and increase the number of jobs completed each day. Reduce wear and tear by monitoring and curbing overspeeding, excessive mileage and unnecessary idling. View activities such as daily route performance, time spent at customer sites and stop durations to help improve operations.

Improve navigation times

Provide turn by turn driving instructions to your drivers to reduce delays and dispatch the closest vehicle to your customer's site to help provide efficient service delivery. You can also provide information on estimated arrival times for extra reassurance for your customers.

Lower costs

Receive alerts about driver behaviour and maintenance. This helps you reduce wear and tear on your vehicles and assets so you can proactively schedule servicing to fix potential problems before they become expensive repairs. Plus, can assist you to manage excessive driver behaviour such as idling and over speeding and this may help reduce fuel costs.

Industry benefits

Teletrac Navman GPS Fleet & Asset Management Solutions' flexibility makes it suitable for many industries.

For the construction and resources industries, the Qtanium solutions are built to operate in harsh and rugged conditions. For the service industry, there are specialist solutions such as electronic log books for fuel tax benefit reporting. The Teletrac Navman solutions may (if available) be integrated into your existing business applications via the provision of application programing interfaces (API's) to help meet industry specific requirements. Speak to your Telstra representative for further information and option availability.

Service

- Stay up to date with the latest developments in the field with job information.

- Generate reporting to analyse deliveries, to help you meet your customer's requirements and customer satisfaction is maintained.

- Optimise workflows by creating and assigning jobs to field staff, vehicles, and drivers in the area using job management to improve response times.

- Use preloaded forms to automate and standardise responses to jobs to help reduce human error. Using preloaded forms, drivers can respond 'job completed' on their MNAV (Navigation System) instead of having to call into dispatch to tell them.

- Create configurable business rules to automate operational processes, enabling you to focus on the important things.

- Reduce administration and manual log books with fringe benefits tax reporting for increased efficiency and accuracy.

Transport

- Track your vehicles and mobile staff easily and communicate with drivers using two-way messaging via in-vehicle displays that provide turn-by-turn directions.

- Manage driver safety with alerts triggered by real-time events sent directly to your screen, email, or phone.

- Monitor driver behaviour. With Teletrac Navman you can replay historical vehicle activity, view the path taken by the vehicle, assess your driver's speed and braking behaviour and monitor for incorrect vehicle use.

- Track proof of delivery by creating geofences around customer locations to record entry and exit activity, assisting you to meet your customer's service expectations and agreements and reduce loading cycle times.

Construction

- Create alerts and geofences to get notification of unauthorised use of equipment on the job site or in remote geographical locations.

- Track equipment activity, fuel usage, and many other operational variables using the extensive range of pre-configured reports to assist in the analysis of performance and cost savings to help you improve the bottom line of your business.

- Use insights and data from historical reports to more accurately estimate costs for future jobs.

- Stay up to date with the latest developments on-site via near real-time vehicle or asset status alerts and two–way messaging.

- Proactively manage the servicing of vehicles or assets, so you can plan, schedule, and record vehicle maintenance costs and history.

Mining

- With an In Vehicle Monitoring System (IVMS), understand the entry and exit of vehicles or large assets using a Qube or Qtanium tracking unit. Pinpoint the location of expensive smaller assets such as generators using the Qtanium 100. Solutions can be tailored to specific requirements with a range of accessories available (subject to availability).

- Monitor workplace conditions and improve the safety of drivers when they are in Telstra mobile network coverage areas. For mines in remote locations there is the option of using the Iridium Satellite network (subject to availability).

- Accident alerts can be triggered which send automated notifications to the Teletrac Navman software on impact so that you are able to alert emergency services should an accident happen. This function does not replace emergency services, please contact your emergency contacts available in your State or Territory for all emergencies.

- Understand the behaviour of drivers and manage issues with speeding, harsh braking and cornering to help ensure their safety.

- Know when your vehicles and assets are due for service and registration, set up alerts for maintenance scheduling so you can keep track and assist with keeping your fleet safe.

Fleet and asset management solution

The solution comprises a range of hardware options that combine with our multi-featured software platform for business applications or industry. Used together in a number of combinations, these vehicle and asset GPS tracking solutions deliver comprehensive fleet and asset intelligence.

Hardware

Qube 300

The Qube onboard tracking device collects and sends information from a vehicle to your PC or mobile device when in coverage areas. It offers options for messaging, navigation, and tracking with satellite communications.

It's designed to either work alone or be connected to additional Teletrac Navman accessories, such as the MNAV with integrated messaging and navigation, the MDT (Mobile Data Terminal) for messaging, or the Satellite Communications Unit for remote locations if the vehicle travels outside Telstra mobile network coverage areas.

When you combine the Qube with Teletrac Navman software and other accessories, you create a powerful fleet/asset tracking and management solution that provides all the factual data to help you make informed decisions.

Qtanium 400

Specifically designed for fleets with heavy equipment, Qtanium is an extremely rugged IP67-rated GPS tracking device that allows you to track your vehicles and assets in harsh environments. It also offers the option of tracking via satellite communications.

Combine the Qtanium with our software to bring your vehicles, plant and assets onto a single screen, from your PC to your mobile devices. Our software intelligence enables you to analyse near real-time and historical data into actionable information, allowing you to reduce costs, increase efficiency and improve customer service.

Qtanium 100

The Qtanium 100 is a suitable tracking device for assets such as rollers, diggers, trailers and other remote equipment. With long battery life, the Qtanium 100 can be used to easily install devices and provide basic information about asset location at pre-determined intervals.

Qube 50

A tracking device designed for light vehicles, providing business owners and managers essential information on location, usage and driving behaviour to help reduce operating costs and help you improve driver safety.

Qtanium 200

Is a self-contained weatherproof tracking device that can be installed into a broad range of assets, from construction and farm equipment to caravans and commercial generators to report on location, theft/unauthorised use, asset treatment such as harsh usage and detect motion or impact.

iFace

The iFace is a ruggedised in-cabin device that helps reduce paper-based forms, documents and messages and provides intelligent safety and compliance assistance to professional drivers in near real-time.

Accessories

MDT (Mobile Data Terminal)

The MDT in-cab device enables dispatchers to send job details, directions and other information to drivers. Drivers return detailed messages via pre-programmed buttons to help reduce distraction.

The MDT sits securely on the vehicle's dashboard or windscreen and interfaces with certain Teletrac Navman software and Teletrac Navman Qube or Qtanium tracking devices.

MNAV navigation system

The MNAV accessory provides a fully integrated vehicle tracking, messaging and satellite navigation solution in one package.

The MNAV sits on your vehicle's dashboard or windscreen and interfaces with certain Teletrac Navman Qube or Qtanium and Teletrac Navman software. This gives you the ability to send and receive text messages and route coordinates.

With the forms functionality, you can define what type of content and which fields need to be completed before the message is sent to either your driver or dispatcher, including job numbers, customer names, parts required and more.

Satellite Communications Unit

The Satellite Communications Unit allows you visibility and communication with your employees, vehicles and equipment whether they are in within a Telstra Mobile network coverage area or not.

To help manage the cost of satellite communications, you have the option to define which events are vitally important and should be communicated via satellite, while low priority event data is stored on the Teletrac Navman Qube and uploaded when the vehicle is next in Telstra network coverage.

Data Capture Unit

An engine management system captures and collates second-by-second vehicle data from a standard heavy vehicle CANbus. Key features include reports on braking, speed, revs per minute, engine hours, distance on the odometer oil pressure and water temperature.

While information such as harsh braking and acceleration, engine idling and overspeeding is monitored, positive behaviour such as the correct use of cruise control and gears is also captured. This data is sent from the NavCAN certain Teletrac Navman Qube or Qtanium which can then be accessed via certain Teletrac Navman software.

Hummingbird

The Hummingbird is a driver behaviour monitor that detects harsh braking and acceleration, accidents, rollover and harsh cornering. The Hummingbird can be tuned to the requirements of each vehicle so that the sensors are only reporting on circumstances that are actually an accident.

Software

Director

Director software is at the heart of the Teletrac Navman Solution. This powerful control platform gives you near real-time visibility into your fleet or assets via your desktop, laptop or mobile device when in coverage areas. The innovative Dynamic Dashboard™ feature even allows you to measure and review all aspects of vehicle or asset activity in a graphical format.

Our software has an intuitive interface and uses Google Maps™ to provide comprehensive map features and detailed information for your office staff. This includes Google Satellite™ and Google Street View™ to allow office staff to see photographs of the actual location and provide instructions to the driver when required.

iFace

The iFace Compliance pack is a suite of applications to assist your transport business with compliance, productivity and efficiencies. The iFace Compliance pack includes in-cabin applications and back-end compliance software. In the cabin, drivers will have access to Sentinel, a comprehensive electronic work diary application to manage driver hours and fatigue. Mass Manager, an application for managing vehicle mass on roads and pre-trip checklists, which are essential to help identify vehicle faults before trips are undertaken.

In the office the dispatcher or operator can manage drivers and jobs using the suite of visual dashboards and reporting tools. They can locate and allocate drivers to jobs based on their hours of work and receive alerts. When vehicle faults are detected operators can be alerted so they can be addressed quickly, they can also receive photos of the areas of concern.

Key Teletrac Navman Solution features

Feature-rich applications

- Regular application updates with new features added.
- Mobile application for smartphones and tablets.
- Cloud-based application accessed via web browser.
- With high definition data, view second by second vehicle data on an interactive map and speed graph.

Detailed reporting suite

- Fringe Benefits Tax reporting.
- Trip and site reports.
- Driver and fleet reports.
- Scheduled reporting.
- Improve billing accuracy with detailed reporting to compare with timesheets.

Dynamic Dashboard™

- Over 60 KPIs available.
- View detailed information in a graphical format and drill down for more detail.

Maintenance module

- Scheduled alerts and reporting on maintenance for fleet and assets.
- Fleet, servicing and registration information storage information options.

Alerts scheduling and calendaring

- Fully featured calendar for alerts scheduling.
- Business/private use, after-hours, stolen vehicle alerts, speed alerts.

Easy integration

- Via API for extended Telematics solutions and the automation of internal processes.

Extensive online training resources and weekly live training sessions

- Over ~160 training videos available via the Teletrac Navman Director Training Portal.
- Network of Telstra dealers nationwide for training and support.

Backed by Telstra

- Teletrac Navman devices are Telstra network certified.
- The Teletrac Navman solution uses Australia's largest and most reliable network, the Telstra Mobile Network.

Note: Features will vary depending on the type of solution.

How it works

GPS/Satellite Tracking

Teletrac Navman hardware installed in each vehicle communicates with the GPS/Satellite to provide the position of each vehicle in your fleet.

Vehicle communication

Information is transmitted between each vehicle and Telstra via the Telstra Mobile Network.

Telstra Mobile Network

Communication travels between each vehicle and Teletrac Navman via the Telstra Mobile Network.

The
TELETRAC NAVMAN
solution

Teletrac Navman Director Application

Your computer displays informaton in near real time via the Teletrac Navman Director application.

Internet

The internet carries all data traffic between the Teletrac Navman server and your PC.

Secure AWS Hosted Server

The Telstra Mobile Network relays information back and forwards with the Teletrac Navman AWS Hosted Server which is located in Australia.

Solution options

Fleet & Asset management

Track your vehicles or assets via GPS, monitor speed, braking, fuel consumption and route efficiency.

Fuel Tax Credit Manager

Automate the process of collecting data which can help you with your fuel tax credits. Teletrac Navman will automatically monitor when you're using a road and when you're not.

Heavy Vehicle Compliance Assistant (HVCA)

Helps you to collate data which assists with risk and compliance management.

Design & Implementation Service

Utilising the Teletrac Navman national partner network, we can help you design and then install a suitable Teletrac Navman solution.

About Telstra

We provide network services and solutions to more than 200 of the world's top 500 companies. They rely on us to do business across 240 countries and territories and to enable greater productivity, efficiency and growth.

Our solutions offer skilled people and a rich portfolio of services delivered on our world-class Telstra Mobile Network. To ensure reliable performance, they're monitored and maintained from our dedicated centres using advanced management and operational systems. And they're backed by Telstra Enterprise-grade Customer Service® and one of Australia's largest and most qualified field and technical workforce.

Things you need to know

The standard Teletrac Navman solution is dependent on network connectivity, and therefore is not intended to act as, or replace existing, fail-safe technologies. Telstra's solutions use Australia's largest and most reliable network, the Telstra Mobile Network. For areas outside of mobile reception, you may (subject to availability) purchase satellite connectivity.

All prices are correct at time of printing. If you have an agreement with a minimum term and you cancel your agreement early, you must pay us an early termination charge as outlined in your agreement with us. You will need to separately purchase a month-by-month mobile data plan with Telstra and for certain mobile communication functions to work on some devices.

Telstra Mobile Network coverage depends on your location, device and whether it has an external antenna attached. Visit telstra.com/coverage to check coverage locations.

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