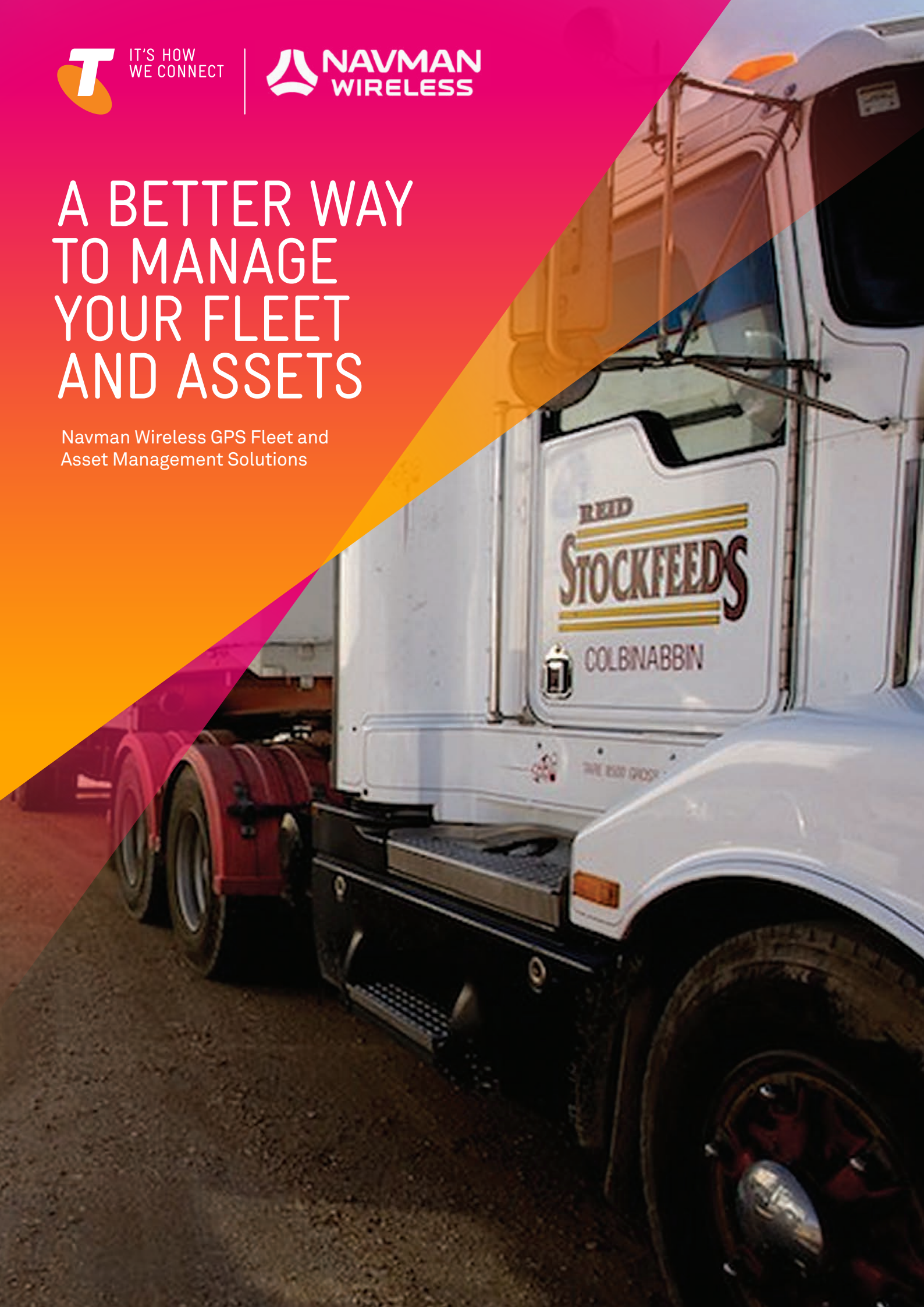# A BETTER WAY TO MANAGE YOUR FLEET AND ASSETS

Navman Wireless GPS Fleet and Asset Management Solutions

HOW REAL-TIME CONTROL CAN INCREASE EFFICIENCY, LOWER COSTS AND IMPROVE CUSTOMER SERVICE

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

With a simple and intuitive interface, you'll have the intelligence you need to 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 any industry 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 Next G® network, you'll be able to monitor assets from more places. Where Telstra Next G® network coverage is not available, our optional Iridium satellite network takes over to provide near real-time vehicle location, mapping and reporting.

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 safety of staff in the field

Meet work, health & safety legislation requirements including due diligence of your field staff. 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 ensuring 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.

Improve customer service

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

Have more control

View vehicle activities with address, date, and time. You'll be able to isolate business from private travel costs using ATO-approved 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 disputes or improve billing accuracy.

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, you can reduce fuel costs by eliminating excessive driver behaviour such as idling and overspeeding.

INDUSTRY BENEFITS

Navman Wireless GPS Fleet & Asset Management Solutions' flexibility makes it suitable for many industries. For the construction and resources industries, the Qtanium solutions are built to withstand harsh and rugged conditions. For the service industry, there are specialist solutions such as electronic log books for FBT reporting. The Navman Wireless solutions can also be integrated into your existing business applications via the provision of application programing interfaces (API's) to meet very industry specific requirements.

SERVICE

- Stay up to date with the latest developments in the field with job information.
- Generate reporting to analyse deliveries, to ensure customer service agreements are met 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 eliminate 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 ATO-approved 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.
- Know your drivers are safe and your cargo secure with alerts triggered by real-time events sent directly to your screen, email, or phone.
- Monitor driver behaviour. With Navman Wireless 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.
- Ensure proof of delivery by creating geofences around customer locations to record entry and exit activity, allowing 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 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.
- 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.
- Accident alerts can be triggered which send automated notifications to OnlineAVL2 (Automatic Vehicle Locator) on impact so that you are able to alert emergency services should an accident happen.
- Understand the behaviour of drivers and rectify any problems 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 offers a range of hardware options that combine with the multi-featured OnlineAVL2 software platform to suit just about any business application or industry. Used together in a number of combinations, these vehicle and asset GPS tracking solutions deliver comprehensive fleet and asset intelligence to help keep you competitive.

DEVICES

Qube

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 Navman Wireless 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 Next G® network coverage areas.

When you combine the Qube with OnlineAVL2 and other accessories, you create a powerful fleet/asset tracking and management solution that provides all the factual data you need to make informed decisions.

Qtanium

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 OnlineAVL2 software to bring your vehicles, plant and assets onto a single screen, from your PC to your mobile devices. The OnlineAVL2 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 perfect tracking device for assets such as rollers, diggers, trailers and other remote equipment. With long battery life, the Qtanium 100 is ideal when you want to easily install devices that provide basic information about asset location at pre-determined intervals.

ACCESSORIES

MDT (Mobile Data Terminal)

The MDT in-cab device enables dispatchers to send the latest 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 our OnlineAVL2 software application and Qube or Qtanium tracking device.

M-NAV navigation system

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

The M-NAV sits on your vehicle's dashboard or windscreen and interfaces with the Qube or Qtanium and OnlineAVL2. 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 Next G® network coverage 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 Qube and uploaded when the vehicle is next in Telstra network coverage.

DCU (Data Capture Unit): Engine Management System

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 DCU to the Qube or Qtanium which can then be accessed via the OnlineAVL2 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.

Lone Worker Pendant

The Lone Worker Pendant is an accessory for businesses who are concerned with the safety of workers who operate outside of their vehicle. The pendant allows for alerts to be raised if the worker is at risk and in need of assistance or the worker can use it to check in with head office.

The Lone Worker Pendant is intended as a supplement to your worker safety program.

SOFTWARE

OnlineAVL2

OnlineAVL2 is at the heart of the Navman Wireless Solution. This powerful control platform gives you 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.

OnlineAVL2 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.

KEY NAVMAN WIRELESS SOLUTION FEATURES

Feature-rich OnlineAVL2 application

• Regular application updates with new features added.
• Mobile application for smartphones and tablets.
• Cloud-based application accessed via any web browser.

Detailed reporting suite

• FBT 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.
• With high definition data, view second by second vehicle
  data on an interactive map and speed graph.

Maintenance module

• Scheduled alerts and reporting on maintenance for
  fleet and assets.
• Whole of Fleet, Servicing and Registration information
  all stored in one place.

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 training tools and nationwide support

• Over 160 training videos available via the Online AVL2
  Training Portal.
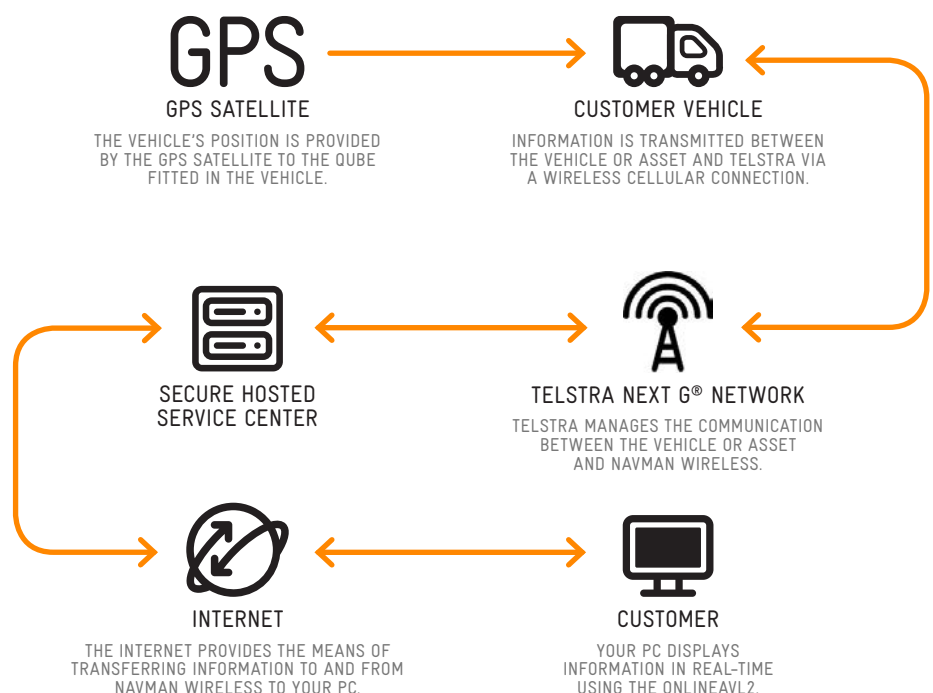• Network of Telstra dealers nationwide for training and support.

Backed by Telstra

• Navman Wireless devices are Telstra network certified.
• All Navman Wireless data is stored in a Telstra Tier One
  Data Centre.
• The Navman Wireless 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

01. The Qube or Qtanium provides its position via GPS satellite.

02. Information is transmitted between the vehicle or the asset via the Telstra Next G® network or satellite communications.

03. Telstra Next G® network manages communications between the vehicle or asset and Navman Wireless.

04. Information is securely transferred through the internet.

05. You monitor the information in real time on your computer or mobile device.

GPS
GPS SATELLITE
THE VEHICLE'S POSITION IS PROVIDED BY THE GPS SATELLITE TO THE QUBE FITTED IN THE VEHICLE.

CUSTOMER VEHICLE
INFORMATION IS TRANSMITTED BETWEEN THE VEHICLE OR ASSET AND TELSTRA VIA A WIRELESS CELLULAR CONNECTION.

SECURE HOSTED SERVICE CENTER

TELSTRA NEXT G® NETWORK
TELSTRA MANAGES THE COMMUNICATION BETWEEN THE VEHICLE OR ASSET AND NAVMAN WIRELESS.

INTERNET
THE INTERNET PROVIDES THE MEANS OF TRANSFERRING INFORMATION TO AND FROM NAVMAN WIRELESS TO YOUR PC.

CUSTOMER
YOUR PC DISPLAYS INFORMATION IN REAL-TIME USING THE ONLINEAVL2.

PURCHASE OPTIONS

CASUAL OPTION

Product		Price
Navman Wireless Hardware	Qube in-vehicle device	$1,683.00 upfront
	Mobile Data Terminal	$627.00 upfront
	Mobile Navigation Terminal	$1,260.60 upfront
	Satellite	$1,386.00 upfront
	Qtanium rugged asset tracking device	$1,683.00 upfront
	Qtanium 100 asset tracking device	$715.00 upfront
	Data Capture Unit	$544.50 upfront
	Hummingbird	$269.50 upfront
	Lone Worker Pendant	$544.50 upfront
Navman Wireless Software	OnlineAVL2 application module	$38.50 per month
	OnlineAVL2 application Qtanium 100 module	$16.50 per month
	FBT Intelligence application	$11.00 per month
Mobile data plan		From $5.00 per month

All prices include GST. Your upfront cost doesn't include an installation fee, which will be billed directly by your Telstra Navman Wireless dealer.

HARDWARE REPAYMENT OPTION

Product		Price
Navman Wireless Hardware	Qube in-vehicle device	$55.00 per month
	Qube and Mobile Data Terminal	$78.10 per month
	Qube and Mobile Navigation Terminal	$97.90 per month
	Qube and Satellite	$99.00 per month
	Qube, Satellite and Mobile Data Terminal	$122.10 per month
	Qube, Satellite and Mobile Navigation Terminal	$141.90 per month
	Qtanium rugged asset tracking device	$55.00 per month
	Qtanium and Mobile Data Terminal	$78.10 per month
	Qtanium and Mobile Navigation Terminal	$97.90 per month
	Qtanium and Satellite	$99.00 per month
	Qtanium, Satellite and Mobile Data Terminal	$122.10 per month
	Qtanium, Satellite and Mobile Navigation Terminal	$141.90 per month
	Qtanium 100 asset tracking device	$22.00 per month
Navman Wireless Software	OnlineAVL2 application module	$38.50 per month
	OnlineAVL2 application Qtanium 100 module	$16.50 per month
	FBT Intelligence application	$11.00 per month
Mobile data plan	From $5.00 per month (casual plan)	Applied for separately

All prices include GST. Your 36-month contract price includes installation if your vehicles are within 50km of the nearest authorised Navman Wireless dealer. Installation requirements for locations outside this range may incur an additional fee to be advised by the Telstra Navman Wireless dealer.

ACCESSORY ONLY OPTION

Product	Upfront Cost	Repayment Cost
Mobile Data Terminal	$627.00	N/A
Mobile Navigation Terminal	$1260.60	$42.90 per month
Satellite	$1386.00	N/A
Data Capture Unit	$544.50	$15.13
Hummingbird	$269.50	N/A
Lone Worker Pendant	$544.50	$15.13
Additional Parts (a full list of additional parts is available upon request)	N/A	Price on Application

All prices include GST. Your upfront cost doesn't include an installation fee, which will be billed directly by your Telstra Navman Wireless dealer.

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 the best of all worlds – skilled people and a rich portfolio of services delivered on our world-class Telstra Next IP® network and Next G® 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 Navman Wireless 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 can purchase satellite connectivity.

All prices are correct at time of printing. If you are connected to a 36-month plan and you cancel your plan 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.

Next G® coverage depends on your location, device and whether it has an external antenna attached. Visit **telstra.com/coverage** to check coverage locations.

⌂ visit a telstra store or partner
📞 1800 BUSINESS (1800 287 463)
telstra.com/business/navmanwireless

IT'S HOW
WE CONNECT