

INTEGRATING GPS FLEET TRACKING: NAVMAN WIRELESS QTANIUM 300

THE INNOVATION

- The Qtanium 300 is a heavy-duty, IP67-rated GPS tracking device that is purpose-built to:
 - Withstand the harsh construction environment.
 - Work with all makes, models and years of construction equipment.
 - Uniquely provide **one-map/one-application management of both off- and on-highway assets** via integration with the Navman Wireless OnlineAVL2 fleet tracking platform – simplifying fleet management processes and driving savings across the entire fleet.
 - Supply key reports – including **jobsite cost reports** that track equipment usage and associated costs by job site to facilitate accurate billing and future job estimates – that can help managers reduce costs and achieve new operating efficiencies.
 - Provide information **on both computers and iPhones**.
- A unique five-month backup battery operates without external power, ensuring the vehicle can still be located even if a thief cuts the wires.
- Special engineering prevents tampering with the antenna to conceal the vehicle's GPS location.
- A motion sensor detects movement of stationary vehicles and sends an alert to provide early notification of possible theft.

ORIGINS AND APPLICATIONS

- The Qtanium 300 is an extension of the Navman Wireless OnlineAVL2 fleet tracking platform, complementing the company's Qube GPS tracking unit for on-road vehicles and OnlineAVL2 back-office mapping and reporting software.
- The unit and associated software were developed after Navman Wireless identified a need for GPS tracking devices that are able to operate reliably in extreme off-road conditions, as well as for options enabling management of both on- and off-road vehicles from the same application.
- It has been rapidly adopted by construction contractors seeking to reduce costs and optimize operations since its introduction in October 2010 – including **selling twice the number of units forecast** for 2010 and a substantial surge in Navman's business from the construction industry.

WHAT IT CHANGED

- The historic lack of GPS tracking devices capable of operating reliably in extreme off-road conditions has been solved by **the Qtanium 300's ruggedized construction** - including IP67 waterproofing, shock testing to 30G, vibration testing to 9G and an operating temperature range of -30°C to +75°C.
- The inability to **manage both on- and off-road vehicles from the same back-office software** has been solved by Navman Wireless' ability to display GPS data from both the Qtanium 300 and the company's Qube on-road GPS tracking device in real time on the same map display as well as provide all reports from the same interface.

