



# PowerFleet® Enterprise

FLEET MANAGEMENT

Real-Time. Real Fixes.  
Real Cost Savings.

Built upon 25+ years of industry experience, cutting-edge engineering details, and hundreds of lessons learned from the world's best supply chains.

PowerFleet® Enterprise fleet management combines an advanced hardware device, powerful online software, and the industry's most data-rich analytics platform. Get an intelligent, wireless computer that combines critical safety controls with insightful data collection on the performance of both vehicle and operator.

## Features and Benefits

- Simple dashboards for fleet and system status at a glance
- Automatic exception reporting for data you need, when you need it
- Integrated tools for instant access to user help, training, and support
- Advanced data search, sorting, filtering, and graphing functions for flexibility
- Accessible anywhere, anytime, from any device—smartphone, tablet, desktop

## Popular Options

- PowerFleet IQ™ data analytics
- Real-time vehicle location visibility
- “Breadcrumb trail” playback of travel paths
- Integration with Google Maps™ for outdoor applications
- Integration with WMS, ERP and maintenance software systems

POWERFLEET ENTERPRISE HARDWARE:

# VAC4S

The VAC4S and PowerFleet Enterprise provide wireless, automated control & monitoring of industrial vehicles. PowerFleet Enterprise empowers companies to effectively manage, track, monitor, and control their powered industrial vehicles. It helps improve material handling productivity, reduce costs, and increase visibility by establishing accountability for the use of forklifts and other industrial trucks, ensuring equipment is in the proper place at the right time, streamlining work flow, and measuring vehicle utilization.

PowerFleet Enterprise reduces fleet maintenance costs by automatically monitoring vehicle status, reporting equipment problems electronically, scheduling maintenance according to actual vehicle usage rather than by calendar or manual data entry, and helping determine the optimal economic time to replace equipment. PowerFleet Enterprise and the VAC4S help improve workplace safety and security by restricting vehicle access to trained, authorized operators, enforcing electronic safety inspection checklists, and sensing vehicle impacts.

## Features

- Integrated micro-computer with highly configurable firmware to accommodate any wireless communication needs
- Installs on virtually any industrial vehicle (forklifts, tow tractors, etc.)
- Rugged construction withstands harsh environmental conditions
- All components (antenna, card reader, etc.) protected inside the VAC
- Supports a variety of access control options to accommodate existing facility credentials (proximity card, iButton, keypad, etc.)
- Provides electronic safety checklists via built-in display and 20-key keypad
- Automatically records & uploads/downloads key vehicle/ operator data
- Wide range of optional sensors (GPS, impact, speed/distance, loaded/unloaded, etc.)
- Performs functions at all times: constant wireless connectivity not required

## Problems Solved

- Unproductivity:** Movement and load tracking
- Safety Compliance:** Automated, configurable and multi-lingual safety checklists
- Forklift Damage:** Impact management and automated alerts
- Unauthorized Operators:** RFID card or numeric code required for access
- Visibility of Assets:** Near real-time location of all assets displayed on map



## SPECIFICATIONS/CERTIFICATIONS

Dimensions	124 x 146 x 51 mm
Weight	0.6 kg
Operating Temperature Range	-40° to +85° C
Operating Humidity Range	95% RH, Non-condensing (MIL-STD-810F)
Weather Resistance	IP67, meets NEMA 6 (ANSI/IEC 60529)
Vibration	12.6 G RMS random vibration (MIL-STD-810F)
Shock	20 G and 40 G, 11 msec sawtooth pulse (MIL-STD-810F)
Bump	20 G, 6 msec for 15,000 cycles
Input Voltage	Works on any vehicle with batteries from 9-100 VDC
Wireless	802.11b/g/n, 2.4 + 5GHz Open, WEP-64, WEP-128, WPA-PSK (TKIP), WPA2-PSK (AES), WPA-EM (PEAP-MSCHAPv2), WPA2-EM (PEAP-MSCHAPv2), SHA-256
Power Consumption	100-280mA [10-40mA] (lower power mode won't drain battery) Back-up Battery Life: 10 years typical
Memory	4MB x 16 RAM, 2MB x 16 Flash
Clock	Real-time
Display	Back-lit, graphical monochrome LCD; 4 LED indicators visible up to 30 m Access Control Reader: Embedded options (proximity, iButton, Indala, etc.)
I/O Interfaces	9 analog inputs, 2 digital inputs, 1 analog output, 1 serial port input/output

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