



# PowerFleet<sup>®</sup> Essence

FLEET MANAGEMENT

No I.T. Department Needed.  
Now That Is Easy.

App-based fleet management – ensures compliant, efficient, and cost effective operations.

PowerFleet<sup>®</sup> Essence fleet management for small to mid-size industrial truck fleets, such as forklifts. The smart, easy to use solution ensures that only authorized operators are using your equipment after having completed an electronic safety checklist, and that impacts are recorded. Essence makes warehouse, manufacturing, distribution, retail or construction environments safer and is designed for simplicity: from simple installation to intuitive use and management – right out of the box. Powerful results without IT-department.

### Capture and Display

See all listed events as configured, all authorized operators for a vehicle, and the status of all active vehicles.

### Create

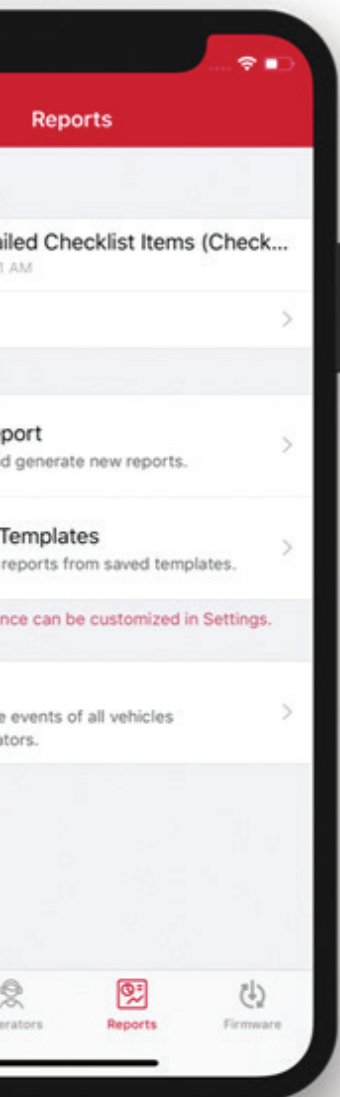
Create safety checklists, impact detection and control parameters, and list all new vehicle operators.

### Define

Define access control, impact, sensors, checklists, shifts, hour meters, maintenance and much more.

### Configure

Configure and display sensors and triggers for events such as seat and seatbelt switches, oil sensors and timeouts.



POWERFLEET ESSENCE HARDWARE:

# OC53

The PowerFleet Essence Operator Console OC53 ensures site managers in warehouse, manufacturing, distribution, retail and construction environments with small to mid-size fleets can have peace of mind knowing that only certified operators are using the equipment, the operator has completed the required safety inspection and that the equipment is being operated safely. PowerFleet Essence is designed for simplicity, from simple installation to intuitive use and management. It delivers powerful results without consuming your time.

- Automatically records and uploads/downloads key vehicle/operator data
- Optional sensor connections (impact, seat belt, seat switch)
- Device starts and turns on ignition and starter via relays
- Language support for English, German, Spanish, and French



## Features

- Electronic safety checklists via built-in display
- **Bluetooth** for local communications to iPad or iPhone and the PowerFleet **Control Center application** with automated data collection from your nearby (<30 m) fleet
- Rugged construction withstands harsh environmental conditions
- Easily installs on virtually any industrial vehicle (forklifts, tow tractors, etc.)
- Communication with the PowerFleet Control Center application works out-of-the-box

## Problems Solved

- Safety Compliance:** Automated safety checklists
- Forklift Damage:** Impact sensing
- Unauthorized Operators:** RFID card or numeric code is required for access
- No IT department:** No IT department needed and no WiFi security concerns
- No Wi-Fi:** Bluetooth communications eliminates the IT security concerns.

## SPECIFICATIONS/CERTIFICATIONS

Dimensions	103.5 x 89.5 x 46.5 mm
Operating Temperature Range	-40° to +80° C
Ingress Protection	IP67
Input Voltage	9 to 60 VDC
Power Consumption	450mA (active mode), ~2mA (sleep mode)
Back-up Battery Life	5 years
Memory	1MB flash
Display Technology	Color TFT
Display Dimensions	92mm X 100mm X 55mm
Display Resolution	320 x 240 pixels
Status LEDs	1
Keys (Numeric)	5 (10/2); [other]: Start / Stop (power on)
I/O	Analogue: 0/1 Digital: 3
Accelerometer	3 axis (reporting X and Y) External Accelerometer Support
Regulatory Certifications	ISO9000, RoHS, CE, FCC Part 15 (BLE module only)
Bluetooth	BLE v4.2
Antenna	External
Approximate RF Range	< 30 m with external antenna

## PowerFleet EMEA

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