CONTAINER, CHASSIS, AND TRAILER TRACKING

Mount and Load Sensor

Container and Chassis Status Monitoring to Maximize Utilization

The **Mount and Load Sensor** provides next-level intelligence on chassis and container availability status. Installed on the chassis, it detects the weight displacement on the axle to determine if a container is mounted (loaded on/off) and its load status (loaded/empty). This functionality enables quicker turnarounds, enhances capacity, and maximises chassis utilisation for optimal efficiency.

The Mount and Load Sensor is paired with Powerfleet's Logistics Gateway to offer real-time tracking and frequent reporting on the location, status, and condition of chassis.

This comprehensive solution ensures complete visibility of your containers from the moment they leave the yard until they reach their destination.

The Mount and Load sensor integrates with Unity, the SaaS-based fleet intelligence platform that ingests, processes, and consolidates data from every asset, vehicle, and person. Through advanced data intelligence, Unity unifies business operations.
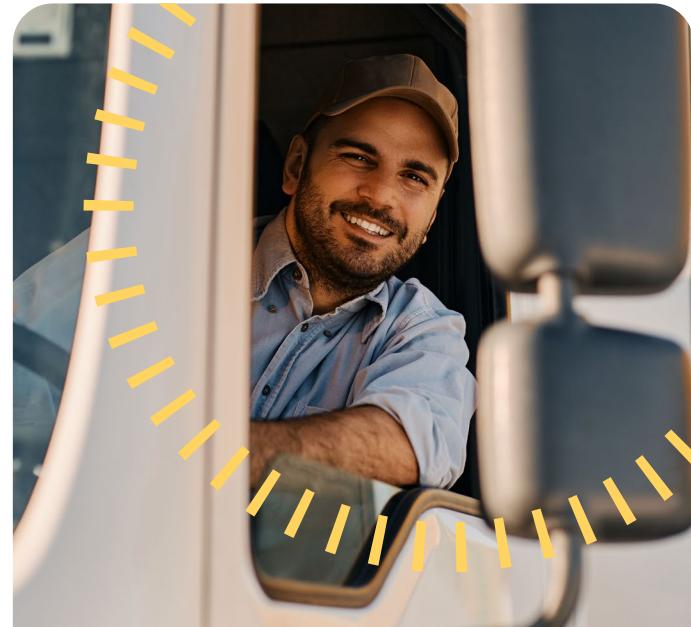
Key features

Chassis container mount monitoring and reporting

Monitoring and reporting

Low maintenance with 7~10 years battery life

Factor and field installation and calibration

Real-time container loaded/empty

Rugged construction for harsh environments

BLE 5.0
communication
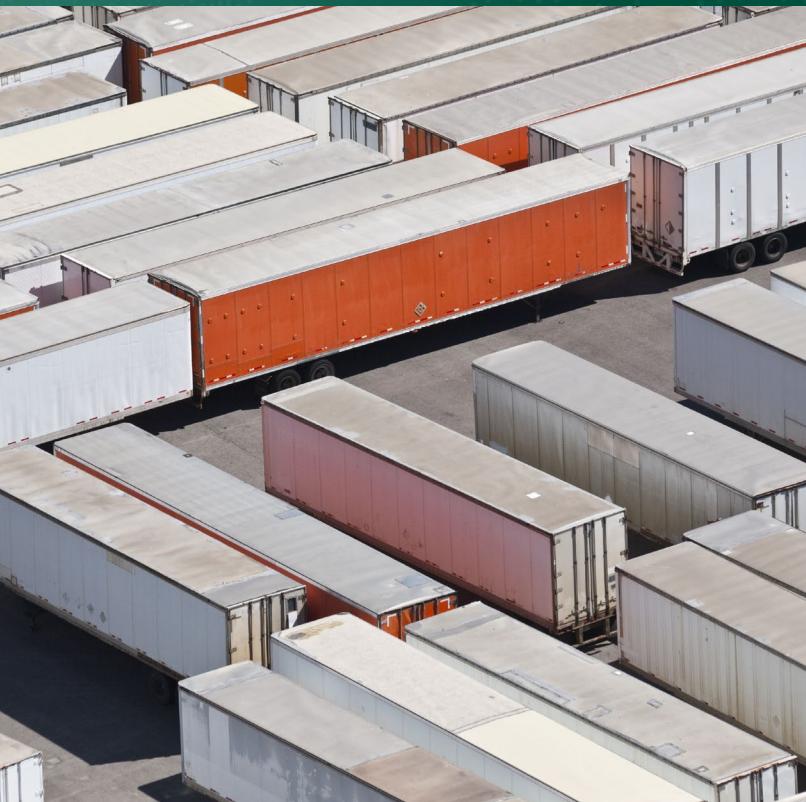
Designed to **Revolutionise** Your **Logistics Operations**

The **Mount and Load Sensor** incorporates a variety of features that enhance visibility and optimise chassis and container monitoring, aiming to transform your logistics operations:

Improve productivity and utilisation

Reduce operating costs

Improve profitability

Lower insurance and operating costs

Recover damage and misuse expenses

Achieve sustainability goals

Improve security and theft recovery

POWERFLEET®

Technical Specifications

BLE

BLE Technology	BLE 5.0

Power

Internal Battery	LISOCL2 Primary, 3.6V, 26 Ah 5-year, Continuous Operation

Environmental

Temp, operation	-30°C to +75°C
Temp, storage	-30°C to +75°C
Ingress Protection	IP 67 per IEC 60529
Vibration, Impact	ISO16750 parts 3 & 4

Certifications

Communication	CFR 47 Part 15 Subpart B

Size

Dimensions	~100 mm W x ~243 mm L x 80 mm H
Weight	~ 1.25 kg

POWER**O**FLEET®

Installation

Mounting	Enclosure: Screw or Rivet, Sensor: Welded
Connections	3 meter sensor cable

Features

Movement	Ultra Low Power 3-Axis Accelerometer, User-Selectable Full Scale ±2g/±4g/±8g/±16g

Powerfleet (Nasdaq: PWFL; JSE: PWR; TASE: PWFL) is a global leader in the artificial intelligence of things (AIoT) software-as-a-service (SaaS) mobile asset industry. With more than 30 years of experience, Powerfleet unifies business operations through the ingestion, harmonisation, and integration of data, irrespective of source, and delivers actionable insights to help companies save lives, time, and money. Powerfleet's ethos transcends our data ecosystem and commitment to innovation; our people-centric approach empowers our customers to realise impactful and sustained business improvement. The company is headquartered in New Jersey, United States, with offices around the globe. Explore more at **www.powerfleet.com**.

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