

Solutions for Manufacturing and Warehousing

● Bringing Safety and Efficiency to the Forefront of your Manufacturing and Warehousing Operation

Your manufacturing and distribution operation is the heart of your business' supply chain. Yet, you're constantly asked to do more with less.

Smartly utilising and extending the life of your resources is just the beginning. In manufacturing and distribution centres, the challenges of employee turnover and strain, combined with the rapid pace and high volumes, have a significant impact on efficiency and safety.



Operating and working in close proximity to material handling equipment (MHE), like forklifts, poses substantial risks. This demands a constant focus on safety while maintaining uninterrupted production lines, optimising operational efficiency, and effectively managing the high costs associated with injuries and maintenance.

With an intelligence platform fuelled by real-time data, businesses can be proactive rather than reactive, making informed decisions to overcome these challenges. However, businesses often rely on manual processes to gather and assess data. This leads to inconsistent performance and heightened costs from:

- Unplanned down time, and other events, which slow operations
- Blind, error prone, compliance, maintenance, and utilisation reporting
- Damage to inventory, equipment, and racking from a lack of accountability
- Accidents threatening your most valuable asset, the people



Solution at a Glance

Powered by unrivalled data insights, Powerfleet digitalises operations through advanced automation from machine learning, simulation, and artificial intelligence (AI). Our fully agnostic fleet intelligence platform ingests, processes, and enriches data from every asset, vehicle, and person – all in a single pane of glass, helping you revolutionise your material handling operations.

Supported by a world-renowned services team with nearly 30 years' experience, Powerfleet is purpose-built to meet the goals of your fleet.

This includes:



Safety and Security

- Increase pedestrian safety with real-time operator alerts on incursions, and identifying danger spots
- Automate safety check lists.
- Effectively manage access privileges, determining who, when, and how individuals can interact with the vehicle, all based on the unique driver identification.
- Establish cause and potentially mitigate liability with forensic data.
- Capture key metrics and leverage driver leaderboards for positive coaching.
- Monitor a wide range of events, such as speed, impact and more, in real-time.
- Reduce false alerts and achieve higher reliability for event tracking.



Maintenance and Performance

- Reduce unplanned downtime and costs from under or overservicing based on real-world usage.
- Track vehicle usage hours to forecast preventative maintenance.
- Increase vehicle longevity with maintenance alerts, and real-time updates on potential health issues and diagnostics.



Regulatory Management and Compliance

- Feel confident with regulatory management, by intelligently streamlining compliance workflows in adherence to health and safety requirements.
- Prevent unqualified individuals from driving equipment.
- Regulate speed and other driver activities in adherence with facility criteria.
- Limit violations and, in turn, the potential for litigation.



Visibility and Resource Management

- Get a clear view of the location and utilisation of your assets.
- Eliminate time and resources wasted on incidents.
- Decrease damage to equipment racking and inventory, while avoiding asset misuse, by increased accountability.



Sustainability

- Use real-time data to enable efficient resource allocation, minimise waste, and contribute to sustainable practises.
- Mitigate the silent dangers of EV yard fork trucks with our AI-powered Pedestrian Proximity Detection system. Real-time driver alerts and zone identification decrease safety risks posed by quiet electric vehicles in your warehouse and yard, ensuring that workplace safety is front and centre.
- Prolong the lifespan of your fleet with preventive maintenance insights that reduce the need for frequent replacements and minimise the environmental impact of equipment disposal.

Results

With Powerfleet you have access to real-time, multi-dimensional KPIs tailored to your business. You're empowered with the insight to optimise your fleet operations today, while being ready for what tomorrow holds.

Put your trust in Powerfleet to:



Improve the safety environment



Optimise utilisation of your fleet



Adhere to compliance standards



Shrink operating costs



Avoid legal action



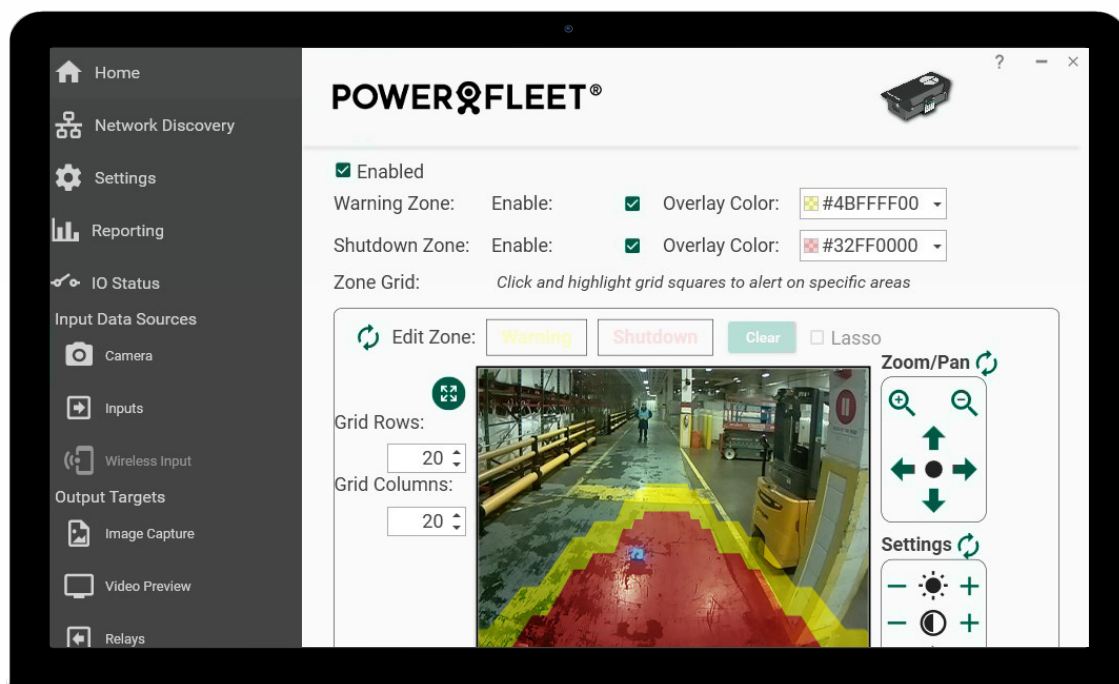
Increase vehicle longevity



Protect your brand reputation



Boost employee morale



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.