Solutions for Automotive Manufacturers

Bringing Safety, Performance and Efficiency to the Forefront of Your Automotive Manufacturing Operation

Overview

The fast-paced world of automotive manufacturing processes and warehouse operations continues to get busier and more complex. It poses numerous challenges, from strict safety regulations, to working in a bustling environment saturated with powered industrial vehicles (PIVs) in constant motion and close proximity to pedestrians and other moving vehicles.

This requires a constant focus on safety while sustaining uninterrupted production lines with optimized operational efficiency, and effectively managing the high costs associated with injuries and maintenance. Maintaining a delicate balance between productivity and safety becomes a daily challenge for your management team.

In addition, the vast size of automotive plants and multiple buildings demand top-notch visibility and efficient equipment location to prevent costly

downtime. Managing a large fleet across such a massive operation makes it challenging to stay on top of maintenance schedules, and determine when and where maintenance is needed.

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

Our solution is designed to transform this chaotic landscape into a well-orchestrated symphony of efficiency and safety. By integrating cutting-edge technology and industry best practices, we offer a comprehensive approach to addressing your key challenges and helping you navigate your daily responsibilities with confidence and precision.

Solution at a Glance

Powered by unrivaled data insights, Powerfleet digitalizes 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 revolutionize your automotive manufacturing 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 checklists.
- 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 over servicing 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 uncertified 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 utilization of your assets.
- Eliminate time and resources wasted on incidents.
- Decrease damage to equipment racking and inventory, while avoiding asset misuse, by increased accountability.

Sustainbility

- Use real-time data to enable efficient resource allocation, minimize waste, and contribute to sustainable practices.
- 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 center.
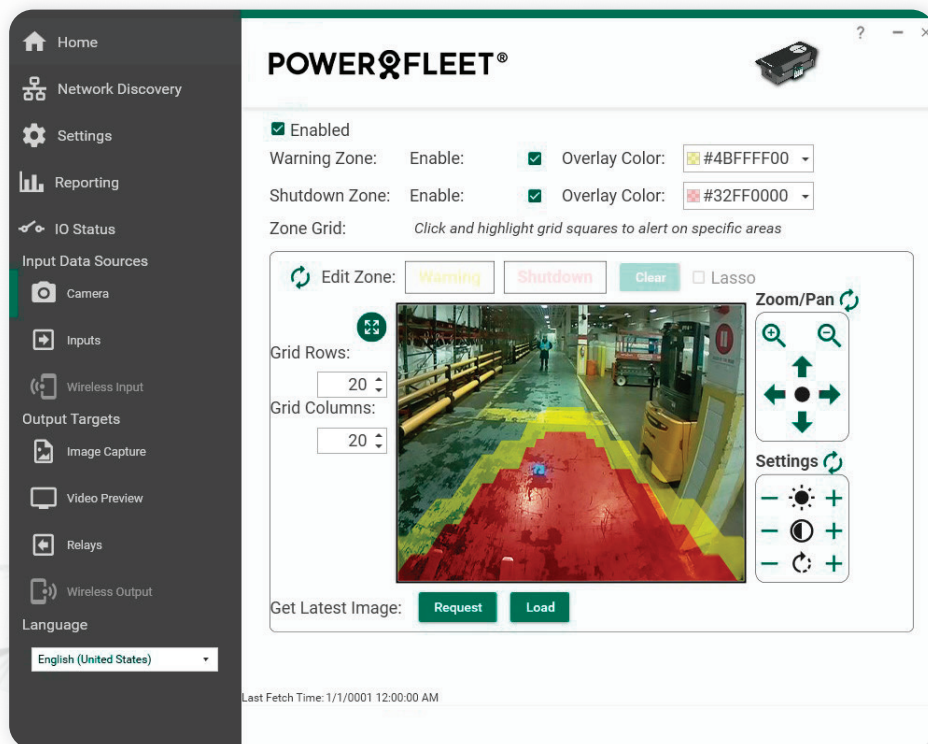
Results

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

Put your trust in Powerfleet to:

- Improve the safety environment
- Optimize utilization 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; TASE: PWFL) is a global leader of internet of things (IoT) software-as-a-service (SaaS) solutions that optimize the performance of mobile assets and resources to unify business operations. Our data science insights and advanced modular software solutions help drive digital transformation through our customers' and partners' ecosystems to help save lives, time, and money. We help connect companies, enabling customers and their customers to realize more effective strategies and results. Powerfleet's tenured and talented team is at the heart of our approach to partnership and tangible success. The company is headquartered in Woodcliff Lake, New Jersey, with our Pointer Innovation Center (PIC) in Israel and field offices around the globe. For more information, please visit www.powerfleet.com.

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