Atos | Syntel

Improve Machine Reliability with Atos Syntel's Fleet Management & Equipment Monitoring

The logistics industry needs to constantly improve the productivity and efficiency of its operations, and the reliability of your fleet and equipment is a critical enabler. The new maintenance paradigm is evolving from reactive maintenance to preventive and predictive maintenance. Modern sensors and embedded computing technologies enable you to continuously monitor equipment, as well as wear and tear on your fleet. Real-time data analysis can be used to diagnose or predict performance deterioration, efficiency loss and component failure in order to minimize production downtime and improve safety.

Solution Overview

Our Fleet Management and Equipment Monitoring solution is a comprehensive IoT solution that collects and aggregates streams of data such as temperature and pressure readings from embedded machine sensors across your operations. This data is collated and stored in an Azure HD Insights Big Data Store, where a powerful set of analytics tools can slice and dice the data to identify trends, generate predictive insights, and send alerts if and when you need to take action.

Why Choose Atos Syntel's Fleet Management & Equipment Monitoring Solution?

- Increases ROI by optimizing delivery routes, vehicle and equipment health maintenance and preventive maintenance
- Enables better tracking of your assets, equipment and fleet
- Available plug-in solutions for fuel efficiency, driver utilization and predictive maintenance generate significant savings in operating cost
- Built in algorithms to monitor data streams and generate predictive alerts based on business rules, to advise the next best action
- Robust partnership ecosystem to support end-to-end IoT implementations and innovative new IoT solutions that meet your dynamic business needs

How it Works

Provides real-time insights on fleet movement, assets and equipment

Tracks driving habits and vehicle health to improve safety and optimize performance.

Sensor data can be used to predict equipment and fleet breakdown and help plan preventive maintenance

Delivers precise track & trace capabilities, so every step in your supply chain can be tracked at the unit level

Business Bene its

Unified & ready platform for faster go-to-market

Enhanced monitoring of fleet maintenance and driving conditions

Early detection of possible faults and prevention recommendations ensuring lower downtime by 97% and lower maintenance cost

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For more information, visit us at **www.atos-syntel.net**