



Improve Machine Reliability with 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

Syntel's 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 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



Business Benefits

- 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