LTIMindtree

Case Study

Vehicle-As-Service Model Drives
80% Reduction in Vehicle Downtime
for Swedish Automotive Major

Client

The client is a leading Swedish manufacturer of commercial vehicles and diesel engines for heavy vehicles, marine, and other industrial applications.

Challenges

▶ Capturing and turning vehicle data into information insights and actions for the service network.

▶ Need for better uptime and reduction of Vehicle off Road (VOR) instances.

▶ Lack of real-time feedback and visibility to the end customer.

LTIMindtree Solution

▶ Developed a real-time remote vehicle prognostics system that enables the drivers to report specific defects, along with the vehicle specifications that the system automatically collects.

▶ Analysis of the fleet performance and driver behavior, based on equipment utilization and diagnostics data, to provide specific insights/action items to improve operational efficiencies.

▶ Developed a configurable, rule-based, deviation detection engine (customizable for region and vehicle diversities) to alert fleet monitoring stakeholders, providing them action plans based on severity of the detected deviations.

▶ Provides complete visibility on the vehicle performance to the fleet manager and service workshop, enabling proactive customer support for repair and maintenance activities, significantly reducing expensive roadside breakdowns.

Business Benefits

80%
reduction in vehicle downtime.

170K
connected vehicles monitored across the globe with 500K exceptions and diagnostic events processed per day.

50%
reduction in MTTR.