

Case Study

Fleet Monitoring Implementation
Enables 80% Downtime Reduction
for a Scandinavian Commercial
Vehicle Manufacturer



Client

The client is a leading Scandinavian Commercial Vehicle Manufacturer – specifically heavy trucks and buses. It also manufactures diesel engines for heavy vehicles as well as marine and general 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 on Road (VOR).
- Provide real time feedback and visibility to customer.

LTIMindtree Solution

- Analysis of the fleet's or group's performance over a period along with an initiation of an action plan for every critical deviation of vehicle and fleet parameters.
- Stream analytics to detect exceptions and create action-ables.
- Configurable rule engine for addressing regional and vehicle diversity.
- Microservices and serverless architecture for high scalability.
- Tools & Technology Used: Azure, .NET, Microsoft SQL Server, Azure IoT hub, PowerBI

Business Benefits Delivered

- 300,000 connected vehicles monitored across the globe.
- 80% reduction in downtime and 50% reduction in MTTR leading to improved customer experience.
- 600,000+ vehicle actions created and managed due to better insights of vehicle data for business decisions.

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit www.ltimindtree.com.