



Let's Solve

# Case Study

Fleet Monitoring Implementation  
enables 80% downtime reduction  
for Scandinavian Commercial  
Vehicle Manufacturer



A Larsen & Toubro  
Group Company

## Client

The client is a leading Scandinavian Commercial Vehicle Manufacturer of commercial vehicles – 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

## LTI 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

- 300K connected vehicles monitored across the globe
- 80% reduction in downtime and 50% reduction in MTTR leading to improved customer experience
- 60K+ vehicle actions created and managed due to better insights of vehicle data for business decisions

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