



Case Study

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

For a Scandinavian commercial vehicle manufacturer, LTIMindtree connected over 300K vehicles for enhanced visibility of vehicle data & feedback to customer to ensure higher uptime and lower vehicle on road (VOR).



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 the end customer.



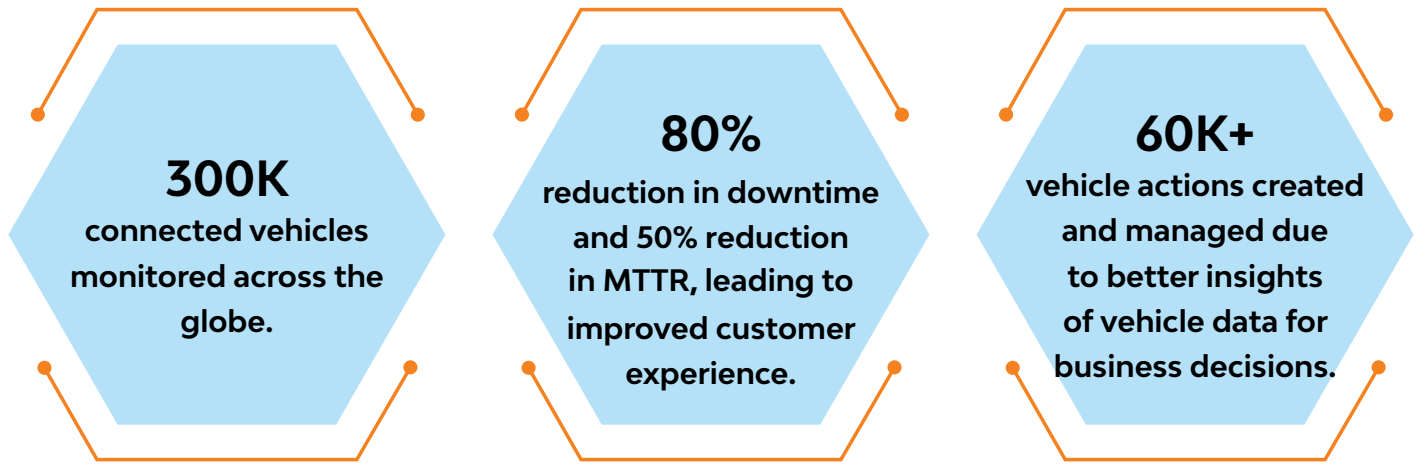
LTIMindtree Solution

- ▶ Analysis of the fleet's or group's performance over a period, along with 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



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