Case Study

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

Client

The client is a leading Scandinavian Commercial Vehicle Manufacturer of 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 Off Road (VOR)
- ✓ Provide real-time feedback and visibility to customer

LTI Solution

LTI helped with:

- ✓ An 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 actionables.
- ✓ Configurable rule engine for addressing regional and vehicle diversity.
- ✓ Microservices and serverless architecture for high scalability.

Business Benefits

350K 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

Tools & Technology Used

Azure, .NET, Microsoft SQL Server, Azure IoT hub, PowerBI

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