

Case Study



BOSCH

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Connected Fleet Management Solution on AWS

Customer Challenges

- ▶ Absence of a highly available and scalable architecture for a fleet management solution
- ▶ Track multiple business KPIs (utilization, faults, vehicle location etc.) in real-time for efficient decision making
- ▶ Industry standard security and data protection measures



Solution Offered

- ▶ Highly available PaaS/serverless architecture on AWS with no single point of failure
- ▶ Autoscaling of AWS infrastructure components based on fleet volume
- ▶ Infrastructure as a Code for cloud infra deployment and ease of re-deployments and decommission (IAAS, PAAS components)
- ▶ Application and infrastructure hardening to prevent any possible security issues

The Benefits

- ▶ ~20-30% cost optimization leveraging serverless architecture
- ▶ High availability of features across multiple devices i.e. browser, mobile
- ▶ Live dashboard with fleet status and individual vehicle parameters