

Building the NXT Connected Solution for Construction Fleets for a leading Australian MNC

CASE STUDY.

CLIENT BACKGROUND

Our customer is a multinational company based in Australia, manufactures and supplies building and construction materials, and uses their in-house fleet to transport these materials.

When the customer faces high demand that cannot be met by their in-house fleet, they temporarily engage prequalified third parties to supply the vehicles.

Business Challenges

- The customer does not have real-time visibility in the third-party truck they have engaged, which causes hassles when assigning jobs.
- Each third-party trucking company is engaged with its own telematics services partner, and the customer does not have access to the telematics data collected by these providers.
- Based on the business requirement, each day different trucks from different truck company is assigned to different operations by the customer.

SOLUTION

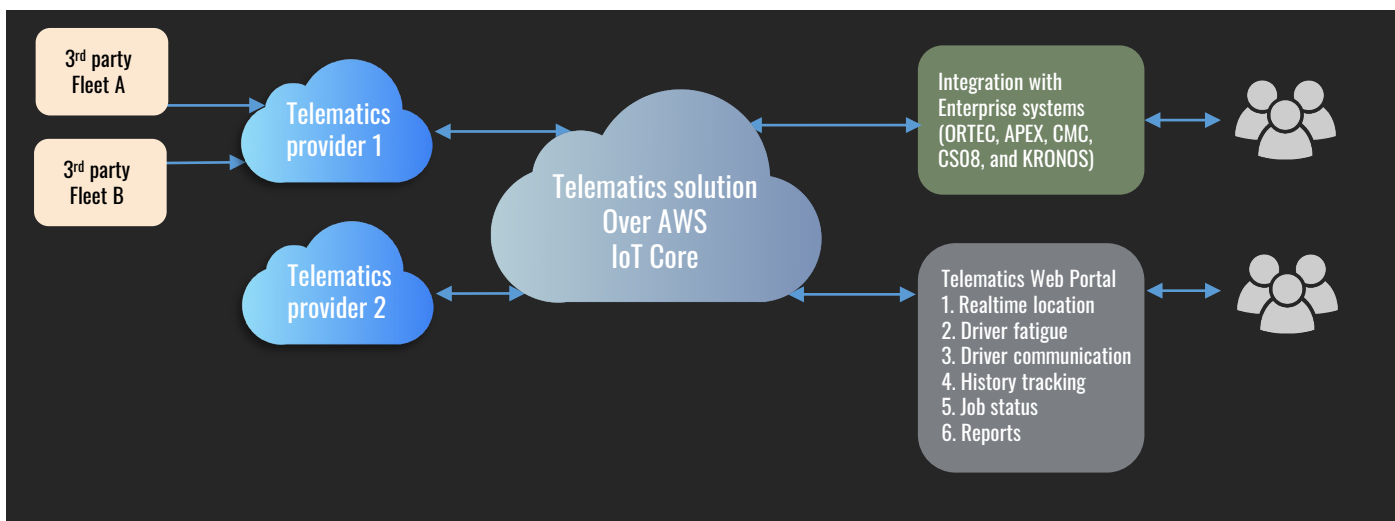
Telematics technology is advancing quickly as numerous construction-based businesses are looking to extend solutions to track and monitor their vehicles, workforce, valuable assets, and equipment. Investing in telematics-driven connected workflows, combined with deeper analytics systems will therefore reap many benefits.

Tech Mahindra Approach

Tech Mahindra, with its extensive domain expertise, has built a role-based access web application to monitor the truck location and job status that ingests data from

- Cloud to cloud integration with various telematics solutions used by 3rd party trucking companies
- Telematics device and MDT (mobile data terminal) device for in house vehicle

We followed agile- based development with 'continuous development continuous integration' dev-ops strategy for deployment and rollout of a telematics solution



BUSINESS & COMMUNITY IMPACT

Our solution provided 100% coverage and real-time visibility of the trucks engaged for our customer's operations as well as:



Pro-actively assessed delays to take timely corrective actions



Responded to end-customer queries regarding delivery status



Improved dynamic job allocation process



Enriched data points to assess and improved allocation process



Addressed delivery issues raised by end-customer through an audit train



Added new data points to evaluate and rank the assigned 3rd party trucking companies



Tech Mahindra



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