



Let's Solve



Case Study

Integrated Consignment Management Improves Vehicle Utilization for a Global Cement Manufacturer



Client

The client is a global leader in manufacturing cement, aggregates, ready-mix concrete, and other building materials.



Challenges

- ▶ Lack of a digital platform to monitor the truck fleet, leading to poor visibility of shipment deliveries, and delay in tracking and reporting accidents
- ▶ Frequent instances of theft, because of drivers taking unsafe routes and overnight trips
- ▶ Manual proof of delivery system, resulting in trip closure delays



LTI Solution

- ▶ Developed a uberized, scalable, and mobile-enabled vehicle monitoring system for real-time vehicle tracking
- ▶ Portable plug and play GPS device to track live location and capture events such as sudden acceleration and braking, over speeding, tilt driving, etc.
- ▶ Enabled trip playback capability to introspect a specific trip, in case of reported theft or accident
- ▶ Route mapping suggestions and real-time alerts in accident prone zones to ensure safety
- ▶ Leveraged mosaic platform to generate trip analytics for fleet managers, providing safety ratings based on driving pattern analysis
- ▶ Geofencing-powered alerts on shipment locations at each stage and e-proof of delivery messages to the warehouse and retailers
- ▶ Seamless integration with SAP PI, enabling trip history and order delivery updates
- ▶ Device governance mechanism to ensure the return of the tracking device post trip, with helpdesk support for drivers and fleet managers in case of emergencies



Business Benefits

Improved driver safety
compliance and adherence

20%
improvement in fleet utilization

CAPEX savings by not investing in
expensive telematic devices

99%
fleet uptime

Connected **6000+ vehicles**, with **18,000**
alerts/messages delivered per day

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