Case Study
Robust and Scalable Data Streaming Solution for Leading Automobile Company
Client
Leading Europe-Based Automobile Firm

Business Objectives
The automobile client’s complex ESB-driven integration landscape hindered them from partnering with Rio - an open, manufacturer-independent, cloud-based platform for freight transport. Furthermore, the firm was battling high operational costs caused by the lack of freight visibility. Also, the non-availability of native support for cloud-based applications contributed to a high TCO.

LTI Solution
• Seamless data flow and integration with event-driven architecture.
• Automated event bus platform using open source technologies viz. Apache Kafka and Confluent, to maintain real-time data pipelines of freight status, location and traffic updates.
• Automation with infrastructure as a code.
• Scalable architecture with Amazon AWS.

Business Benefits Delivered
• 40% reduction in operational cost with real-time freight status and location.
• 25% improvement in truck maintenance cost, with real-time data streaming.
• 30% improvement in productivity by preventing unnecessary truck kms., with real-time traffic and route updates.