



Case Study

Intelligent Asset Management leveraging IoT on SAP HANA for **Automobile Manufacturer**



Client

The client is a multinational conglomerate corporation, primarily known as a manufacturer of automobiles, and power equipment.



Challenges

The auto giant was concerned with their vehicle manufacturing and asset tracking process. The company faced issues such as no real-time tracking of vehicles, actual hours of testing against scheduled hours; no visibility of vehicle state and delay in time-to-market due to under-utilization of resources.



LTI Solution

LTI understood that it's important to envision and prepare for a data-driven Factory of Future (FOF), where all internal and external activities are connected through the same information platform. LTI insured implementation of technologies like Internet of Things (IoT), Automation, Predictive Maintenance and Advanced Analytics; and SAP HANA's Predictive Algorithms were used for Predictive Maintenance & Schedule Planning.

LTI built a solution, leveraging SAP's Leonardo IoT platform enabling interaction between resources (People, Labs, Cars). We provided the company with Beacon devices and Model Cars with Android Devices for interaction wherein information about vehicles, events, trips, was made available.



Business Benefits

Use of IoT (Auto-streaming of data between resources (cars, labs, people), smart device app for vehicle operations, and analytics dashboard to track testing activities, helped the Automobile major with results given below:

- Improved time-to-market
- Optimum utilization of assets (vehicles, equipment & testers) by providing actionable insights.
- Realistic prediction for future projects based on planned v/s actual comparison.
- Automation of operational tasks such as issue creation, issue tracking, broadcasting notification.

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