

Remote Monitoring of BackHoe Loader



About the customer

The company has major market share in France, US and 3rd largest share in India. They have an expert network of 1050 dealers which powered sales of €2.1 Billion in 2019

Customer Expectations

- Accurate logging of operational parameters to understand machine behavior
- Auto maintenance requests in the system (Event Based, Predefined Usage)
- Fuel theft and unauthorised use prevention (Operators work at different sites for personal interests)

Solution Modules

- Reports
- Proactive maintenance
- Service alerts
- Fuel theft alerts
- Live location tracking (GPS) and Geo-fencing

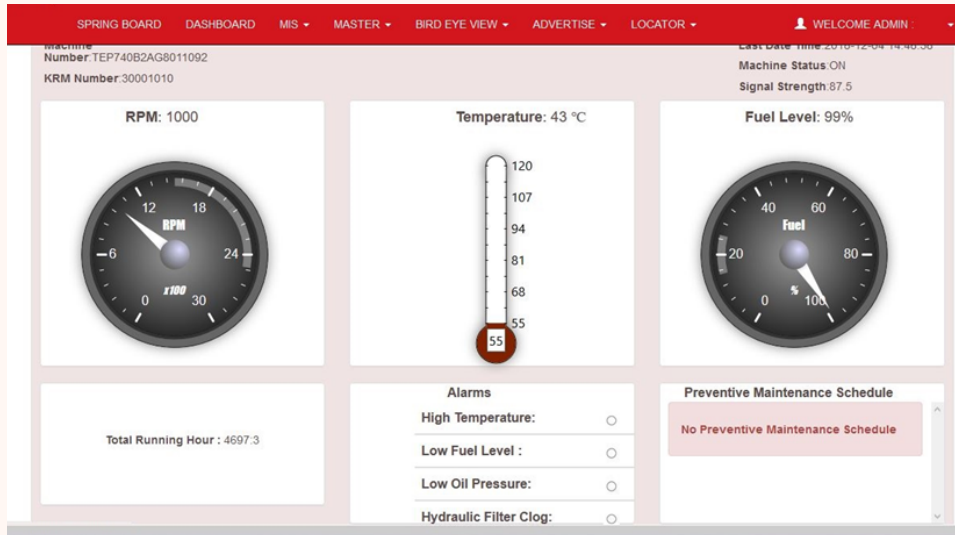
Key activities

- The system monitored critical parameters like Fuel Level, Coolant temperature, Vehicle battery Voltage, Coolant temperature etc.
- Critical alarms were set for Low fuel level, Low oil pressure, Fuel theft, Geo fence break, Hydraulic filter clog, High temperature.
- Separate login created for asset owner to track their machines

Benefits

- Customer achieved ROI in 7 months

- Real-time usage data helped the customer understand their machine behaviour and which terrain machine was used. It subsequently helped to improve Backhoe loader design
- Reduced support cost substantially due to exact machine location and problem element traceability
- Prevented unauthorized use of machines due fuel alerts and geo-fencing



Begin your journey towards Industry 4.0



Set a Goal

Post COVID-19 world, digitalization and Industry 4.0 is going to be at a forefront for Manufacturing companies. We will help set goals for smooth transition towards digitalization and Industry 4.0



Take first step

We will make a phased approach to get better insights towards our goal. Applying, iterating and moving to the next phase will help in achieving small successes in the journey.



Scale Up

We will help you attain competitive advantage, reducing costs and improving productivity by scaling up faster and reaching our goal of Industry 4.0

Let us help you digitize!



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