



Let's Solve

Case Study

Connected Pump for
Leading Pump
Manufacturer in US



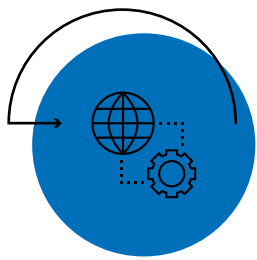
A Larsen & Toubro
Group Company

Client

The client is a US-based multinational corporation, and one of the largest suppliers of industrial and environmental machinery, such as pumps, valves, end face mechanical seals, automation, and services to the power, oil & gas, chemical and other industries.

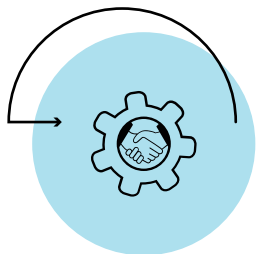
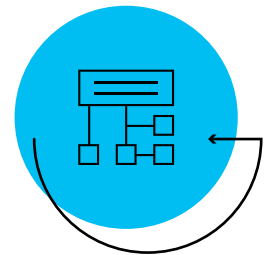
Challenges

To optimize the fleet utilization and implement predictive service management, leveraging Telematics data.



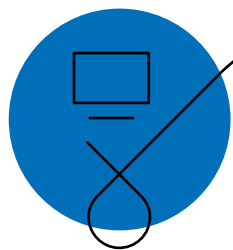
Enable Global field service team to engage better with their Aftermarket Portal.

Invest at an increased pace in R&D initiatives to improve the user experience of their customer plant operators and maintenance technicians.



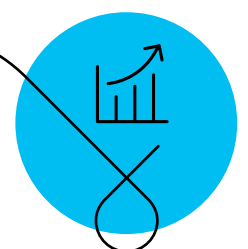
Initiate an IoT Program to build a reference architecture to enhance customer relationship through Proactive post sales, and improved products and respective service by leveraging Industrial Internet of Things (IIoT).

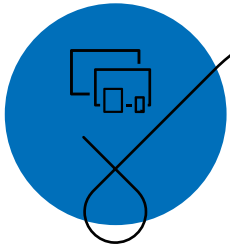
LTI Solution



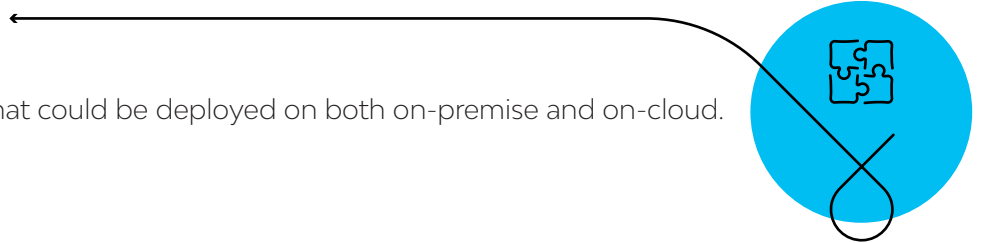
Real-time condition monitoring of pumps, with time to predict failures.

Predictive analytics allowing service prioritization, better outage and spare parts planning.





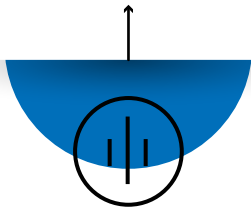
Due to large install base, a thoughtful design was proposed with a Technology-agnostic Microservices Architecture, that enables integration with multiple platforms, historians, and enterprise systems.



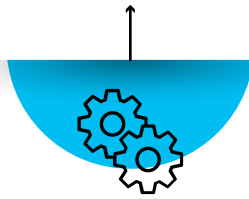
One solution that could be deployed on both on-premise and on-cloud.

LTI Solution

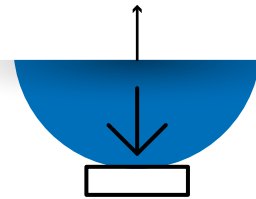
99% availability of assets



8% reduction in
unscheduled maintenance



12% reduction production
downtime



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