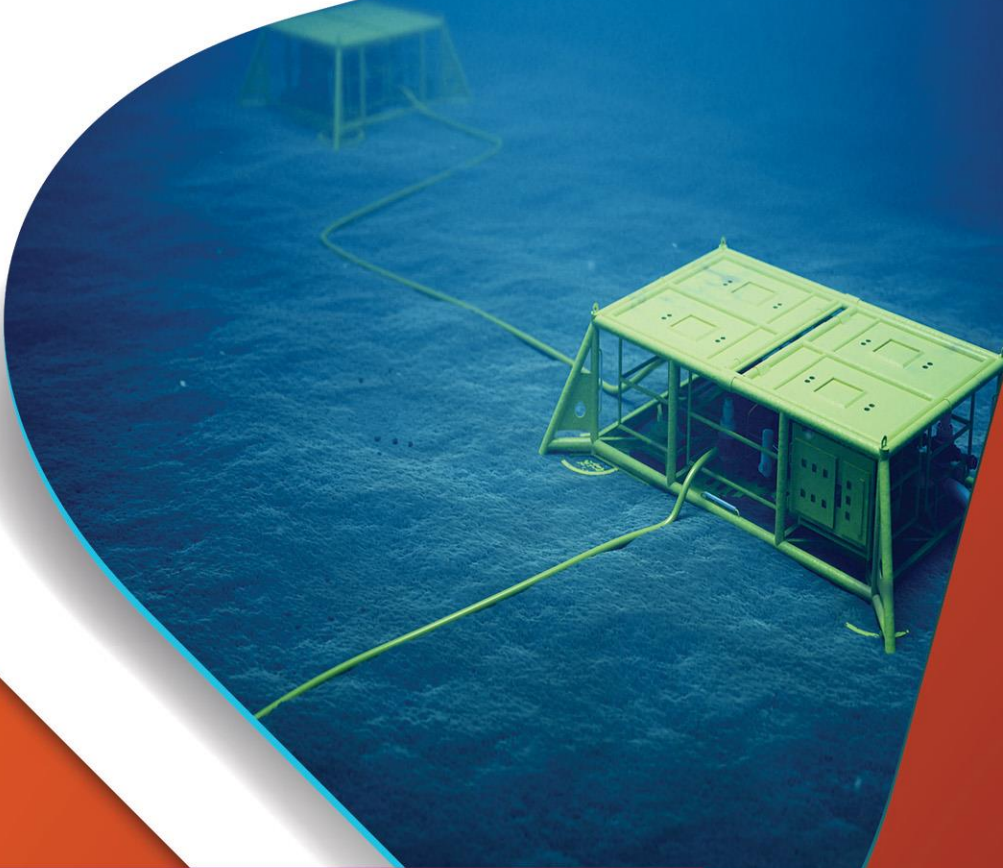


**CASE
STUDY**

Industry 4.0 based Condition Monitoring Solution for Subsea Field Assets





Client

Client is the world's leading Oil Field Services company, headquartered in the US



Business Challenge

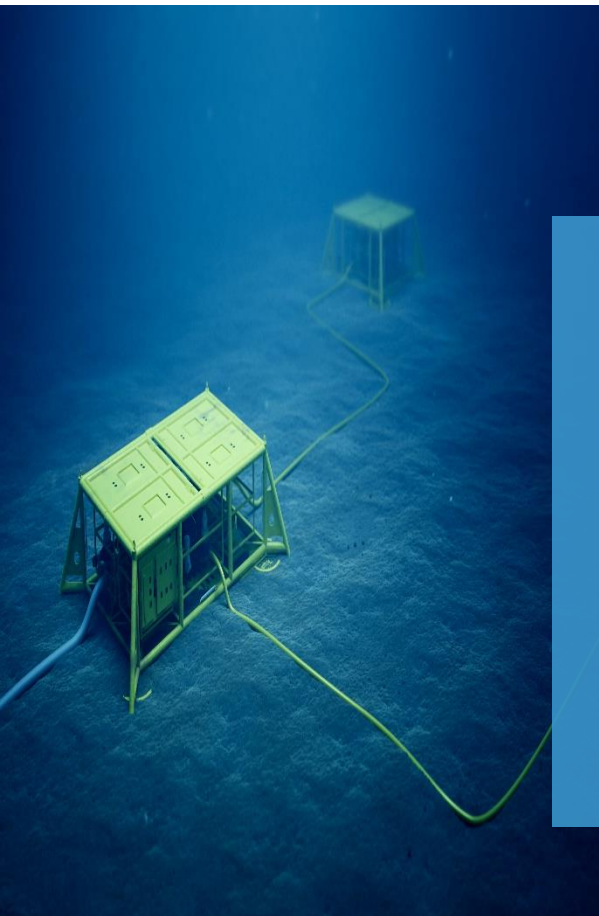
- ▶ Productivity loss due to unplanned downtime of plant assets
- ▶ No visibility for operators to monitor plant-wide asset health leading to operational risk
- ▶ Non-intuitive and non-configurable HMI for graphical representation of high priority assets
- ▶ Multiple systems for real-time visualization, analytics, and decision support



ITC Infotech Solution

- ▶ Implementation of a comprehensive solution for real-time condition monitoring and predictive maintenance of subsea assets
- ▶ Proactive insights on asset health using AI/ML based forecasting and predictive algorithms
- ▶ Leveraging sensor and process data gathered from multiple SCADA, PLC & Historian systems for overall monitoring of equipment condition
- ▶ Solution enables data driven decision making leading to optimized asset and production performance hence reducing cost of operations and maintenance

Business Benefits



About ITC Infotech

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides business-friendly solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry specific alliances and deep domain expertise. The company provides technology solutions and services to enterprises across industries through a combination of traditional and newer business models, as a long-term sustainable partner.

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