

Connect IQ drilling equipment life cycle management services

Monitor, analyze, and evaluate critical pressure control system functions

Where it is used

Globally for offshore pressure control operations.

How it works

Connect IQ* drilling equipment life cycle management services comprise various digital technologies to enable end users to make better, data-driven decisions when maintaining equipment. Cameron provides a remote monitoring service and a diagnostic service as components of Connect IQ services that help offshore drilling contractors better manage their unique application.

The remote monitoring service lets equipment owners monitor onshore replicas of the offshore human machine interface (HMI) screens for remote support, log operational data in real time, and store it onshore, enabling drilling contractors to oversee operations and serve as a first line of remote support for the operations team on the rig.

The diagnostics service enables equipment owners to monitor equipment condition and receive alerts of potential issues—all in real time. The service analyzes rig data, autonomously derives insights into the condition and performance of equipment and system processes, and visualizes these insights to make data-driven decisions regarding the next end-of-well maintenance plan.

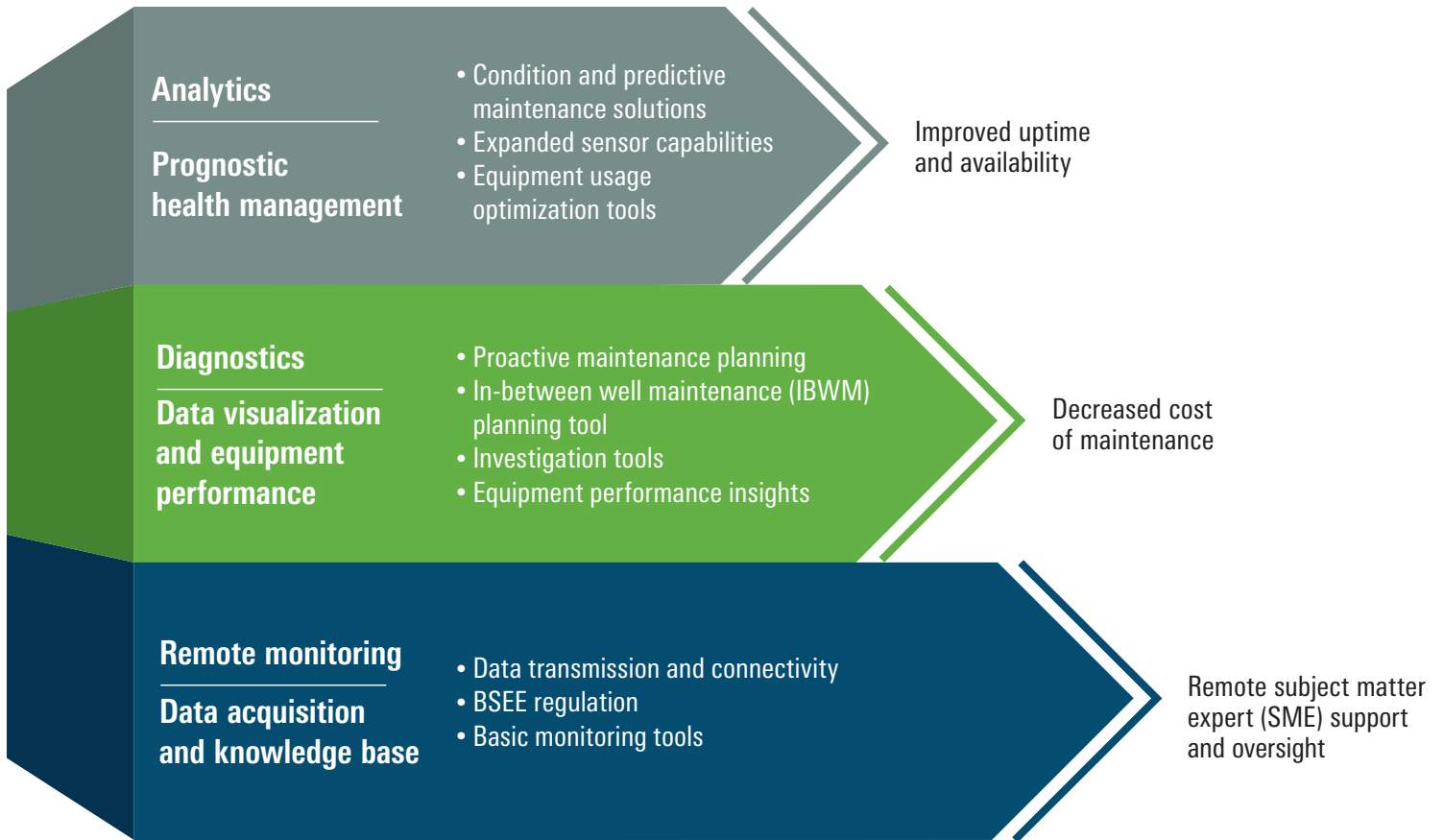


The diagnostics service analyzes rig data and derives insights into equipment condition and performance and system processes.

Advantages

- Replication of HMI screens and ability to perform remote real-time monitoring
- Compliance with Bureau of Safety and Environmental Enforcement (BSEE) regulations for Gulf of Mexico operations
- Access to high-resolution equipment data
- Improved operation oversight via HMI screen replication
- Improved subject matter expert support via access to real-time and historical data
- Data encryption and replication for enhanced data security on offshore servers
- Data historian that easily retrofits on existing Mark III* subsea multiplex control pods
- Enables shift from time-based to condition-based maintenance, reducing unplanned and planned maintenance
- Access to equipment data from any internet-enabled device
- Leverages 10 years of production systems surveillance from the OneSubsea FRIEND* remote surveillance and diagnostic system

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products.slb.com/connectiq