

Remote Monitoring

Real-time access, view, and evaluation of critical pressure control system functions

APPLICATIONS

Offshore pressure control
equipment operations

ADVANTAGES

- Replication of human machine interface (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 (SME) 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



Remote monitoring replicates HMI screen information, enabling operators to remotely evaluate rigsite data in real time.

Cameron provides a remote monitoring service as a component of its suite of Connect IQ* drilling equipment life cycle management services that help offshore drilling contractors better manage their unique application. These services let equipment owners monitor onshore replicas of the offshore 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.

Improving operational flexibility

Cameron remote monitoring can be adapted to your rig challenges and objectives. As standard, customers receive log-in credentials to remotely view the HMI screens from any internet-enabled device, enabling operation oversight. The standard solution has all relevant HMI tabs except historical events.

Meeting BSEE standards for offshore well operations

BSEE has released regulations requiring remote, real-time monitoring of the BOP control system in well operations with a subsea BOP or with a surface BOP on a floating facility or when operating in an HPHT environment. Cameron remote monitoring enables meeting this BSEE requirement, resulting in operations that comply with this HSE regulation

Optimizing drilling performance

As the entry-level base offering to Connect IQ services, our remote monitoring provides drilling contractors with necessary foundational hardware upgrades for future enhanced digital solutions. Customers can remotely monitor their rigs from shore and, in the future, access extensive diagnostic and predictive analysis tools. The combination of leading pressure control technology, diagnostics, and data analytics expertise is enhanced through the global footprint of multiskilled SMEs, who are strategically located around the world and remotely available for immediate assistance.

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products.slb.com/connectiq

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