

Alderley

Technical excellence: delivered



Case Study

**Remote Condition Based Monitoring
Onshore Egypt, Fiscal Metering System**



Introduction

Our client, an energy major is striving to improve efficiency and performance across their portfolio.



The Challenge

Our client's asset, onshore Egypt, has a fiscal metering control system supported by an Alderley condition based monitoring (CBM) package.

The CBM package is used for diagnostics, condition monitoring and failure prediction of all the key components of the fiscal metering control system. Any amber and red flags raised by the CBM could potentially result in mismeasurement and financial loss.

As our client moves more towards remote operations, the requirement was to implement a solution that ensured that such critical data was readily available to technical experts and key stakeholders located anywhere in the world.



The Solution

Alderley installed and commissioned the **Alderley Connect** integrated solution at the client's facility.

Alderley Connect is a lightweight intelligent data acquisition and transfer solution, that provides:

- ✓ 24/7 performance monitoring
- ✓ Flexible and accessible reporting
- ✓ Securely sends critical information
- ✓ Visibility anywhere in the world
- ✓ Live data available via desktop and mobile devices

Connecting seamlessly to the CBM solution, Alderley Connect allows our client to make better-informed business and operational decisions, and supports the client's vision of creating a flexible, accessible, and smarter asset management system.

The Results

All stakeholders have secure access to live and historical process and diagnostic information, saving significant time over the manual operational and maintenance processes at the facility.

Furthermore, with data securely acquired and transferred to the client's data lake accessible via the cloud, the next phase is to implement Alderley's Smart Asset Management solution.

Smart Asset Management will provide automated reporting and true performance-based monitoring - further enhancing operational efficiency and performance.

Smart Asset Management.



The intelligent digital measurement solution for the global energy industry.

Contact sales@alderley.com to learn more