



Oil Major Solves Data Challenge

WellShare allowed data sharing, maintained privacy

Key Benefits

- Met data sharing obligations without changing security, policies, or systems
- Maintained data privacy

Background

- Gulf of Mexico oil major
- Required partnership data sharing

KBC Solution and Results

- WellShare data sharing service
- Portal for easy access to reports and alerts

Client Challenge

Deep water oil and gas production projects often cause oil companies to enter partnerships or joint ventures to mitigate risk. However, their partner in one operation can often be their competitor in another.

As a result, they do not want to connect their systems to each other for fear of data leaks. In addition, each company has their own unique data and security standards. This makes it difficult if not impossible to easily support each partners' systems.

An oil major in the Gulf of Mexico found themselves in just this situation. They required real-time data sharing to and from their joint venture partners. However, both companies wanted to maintain their privacy.

The Solution

The oil major chose to use the KBC WellShare™ cloud-based data sharing service due to its reputation.

Almost every major oil producer uses WellShare services making it the de facto standard for real-time data sharing in the Gulf of Mexico.



A Yokogawa Company



KBC implemented the WellShare service by tying into each partner's historian behind their firewalls. This allowed the service to mirror the historian process data in accordance with each operator's unique data and security requirements. It acted as a "universal adaptor" for both parties so they were able to maintain their data privacy.

The team was able to connect real-time well production data from many different sources, such as telemetry devices, control systems, and real-time databases.

This system collected data using the data owners' format and then delivered it in the format the receiving partner required.

The project team set up a portal where the partners could easily access the data via various dashboards and reports. They also set up an alert system to notify the users of any abnormalities.

Results

The WellShare service provided the inbound and outbound data sharing the partners required while also allowing them to maintain their privacy. They were able to do so without having to make any changes to their own policies or systems. The oil major signed a 10-year agreement with KBC.

The single connection and easy scalability of WellShare has allowed a network of data sharing to rapidly exist. The client has massively reduced onerous data gathering, manipulation and distribution for the regular and ad-hoc partner inquiries.



Houston Regional HQ

15021 Katy Freeway, Suite 600, Houston, TX 77094 USA

T +1 281 293 8200

T +1 800 726 5914

0079-WSOMGoM-CAS-US-062020

