



Statoil

Stavanger, Norway
Chemicals and Petroleum
www.statoil.com

Statoil

Smart collaboration improves production efficiency for oil company

Statoil is an international energy company with operations in 40 countries. Building on more than 35 years of experience from oil and gas production on the Norwegian continental shelf, Statoil is headquartered in Norway with 29,000 employees worldwide, and listed on the New York and Oslo stock exchanges.

The group is operator for 80 percent of all Norwegian oil and gas production, has interests and acts as operator in several other countries (for example, Brazil, Angola, Canada and the U.S.), and is one of the world's largest sellers of crude oil. Statoil is also a major supplier of natural gas in the European market, and the largest oil and gas retailer in the Nordics and Baltics.

The Need

With oil and gas production as the backbone of the Norwegian economy, Statoil needed a way to improve and optimize operational processes across the company. Statoil's offshore platforms have long operated independently of one another, making it difficult for Statoil to standardize its processes and implement the same solutions for condition monitoring of equipment across its approximately 40 facilities.

The Solution

Statoil teamed with a consortium of companies, including IBM. A key part of IBM's mission was to bridge the gaps between different parts of Statoil's operation so data and employee knowledge could be leveraged independent of organizations, disciplines and geography. IBM created a common data integration architecture and is completing the integration platform implementation solution—Global Operations Data Integration (GODI).



Solution Components

- Industry Solutions: Industrial Sector - Integrated Information Core (IIC)
 - IBM® Tivoli®
 - IBM WebSphere®
 - IBM Business Partner SISCO, Inc.
 - IBM Global Services - GBS Application Innovation Services
 - IBM Software Services: ISSW - Lab Services
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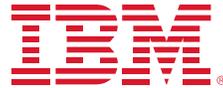
What Makes it Smarter

- Creates a foundation for more collaborative decisions, optimized processes and—ultimately—improved production efficiency and lower costs
- Presents data via advanced dashboards, improving the decision process, lowering operating costs and improving health, safety and environment (HSE)
- Accelerated production and increased reserves, in addition to standardization and automation of work processes, has a potential value (NPV) of US\$50 billion over the next five years (ref. Norwegian Oil Industry Association [OLF])

For more information

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