



## BlueCielo Meridian Enterprise at ExxonMobil



Oil & Gas

Case Study



### Customer Profile

ExxonMobil in Norway is the third largest oil and gas producer on the Norwegian Continental Shelf, holding ownership interests in 30 gas and oil fields.

### Industry

Oil & Gas

### BlueCielo ECM Solutions

- BlueCielo Meridian Enterprise
- BlueCielo Meridian Asset Management module
- BlueCielo Meridian Explorer

### Integrated Applications

- AutoCAD
- MS Office
- AutoVue

### Implemented by:



### Customer Profile

**ExxonMobil in Norway is the third largest oil and gas producer on the Norwegian Continental Shelf, with ownership interests in 30 gas and oil fields and a 10 per cent stake in the Norwegian infrastructure for gas transportation and treatment. ExxonMobil operates the Balder, Jotun, Ringhorne, and Sigyn fields. Total production in 2010 was about 367,000 barrels of oil equivalent per day.**

### Challenges

The comprehensive engineering documentation challenges that an oil and gas company like ExxonMobil has to deal with include:

- Meeting the safety, health and environment (SH&E) regulations of the Norwegian government.
- All technical documentation must be immediately and easily accessible from all onshore and offshore locations.
- An extended network of contractors and suppliers must at all times be able to access the appropriate documents.
- All documents must be complete, up-to-date and immediately accessible for maintenance purposes.
- While maintaining up-to-date as-built situation of all locations, ExxonMobil must have total control of all documents that are under revision, both internally and externally with contractors.

### Partnership

In the 1990's, BlueCielo ECM Solutions was the preferred supplier of Engineering Content Management (ECM) solutions for ExxonMobil worldwide. By 1996, when ExxonMobil in Norway needed an ECM system, AutoManager WorkFlow (now discontinued) from BlueCielo was therefore the obvious choice. After seven years of successful operation, ExxonMobil decided in 2003 that it was time to take advantage of the next generation of ECM software. In order to meet ExxonMobil's extensive requirements, BlueCielo's flagship product, BlueCielo Meridian Enterprise was selected as their new ECM system.

BlueCielo's long-standing Norwegian solution partner KTB Consultants AS has been the ECM supplier for ExxonMobil since 1996. Eirik Fjelde, regional manager and responsible for document management solutions at KTB Consultants AS, says: "BlueCielo Meridian Enterprise represented a breakthrough in functionality and it was capable of fulfilling the high demands of the offshore oil and gas market."

BlueCielo Meridian Enterprise has now been successfully used in operations for several years and ExxonMobil, together with KTB Consultants AS, continues to expand the use and functionality of their BlueCielo Meridian Enterprise system.

## Key Features

- Up to date as-built environment for engineering data
- Integrated Office and CAD applications
- External access for engineering contractors

## Key Benefits

- Immediate and accurate up-to-date as-built documentation
- Compliant with NORSOK to ensure the license to operate
- Improved accessibility, quality and availability of asset information
- Easy and secure access for external contractors

## Solution

Today, BlueCielo Meridian Enterprise manages approximately 120,000 technical documents regarding offshore installations, including all sub-sea installations and the topside installations JotunB and Ringhorne and the floating processing units JotunA and Balder.

With BlueCielo Meridian Enterprise, ExxonMobil's Facilities, Exploration and Production departments have direct access to all documentation. Using a satellite link, each offshore facility has immediate access to the documentation, while external parties like contractors can request documentation via a Citrix connection. In this way, a total of nearly 1,250 people have 24/7 access to the documentation.

"It is extremely important that all parties work in one system," says Per Skarung, implementation facility manager at ExxonMobil Norway. "This is the only way that whether they are onshore, offshore, supplier, contractor or my own office, every party can be guaranteed fast and easy access so that document availability is never an issue."

In the ECM system, documents are automatically named, stored and easily retrieved according to an engineering numbering system which is based on the NORSOK standard. As part of the Management of Change (MoC) functionality, extensive logging functionality is built in so that audits are never an issue.

For maintenance purposes, BlueCielo Meridian Enterprise is integrated with applicable engineering databases. In addition, a special non-document-centric user interface is available so that maintenance staff, either onshore or offshore, requires only an equipment tag number to retrieve all relevant documentation with just a click of the button.

Throughout the entire implementation process of BlueCielo Meridian Enterprise, it was an ongoing requirement that all customization on top of BlueCielo Meridian Enterprise should not detract from the system's built-in user-friendliness. Proof that the final solution is very user-friendly is illustrated by the fact that new offshore staff require only one hour of training to be able to use the ECM system.

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– Per Skarung, Facility Manager at ExxonMobil

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