

# Report to Baze



**KEEPING YOU INVOLVED:**  
Baze Technology's marketing manager Thore Ditlefsen eagerly awaits BazeField's Aker Smart debut (photo: MAGNUS BIRKENES)

There's a catch to most good things. For integrated operations, the ground-gaining ultimate offshore industry optimization tool, it's bandwidth. For Baze Technology, however, enough bandwidth is just a satellite link away.

By: MAGNUS BIRKENES

Baze Technology, until recently an integral part of Porsgrunn, Norway-based Cardiac, will see the first real implementation of their operations management software (OMS) this spring.

Aker Floating Production has chosen Baze Technology's solution for their soon-to-finished "Aker SMART" series of FPSOs currently under construction in Singapore. The first unit is to be finished this spring, and will immediately sail for Indian waters, where the ship will stay in service for Indian NOC Reliance for a period of five to ten years. The "Aker Smart 1" is based on a modular design, making offshore module hot swaps possible; a

world first in FPSO design. Then again, it raises the bar significantly when it comes to efficiency.

### Another approach

There's a wide selection of integrated operations solution to choose from in the market. What separates the BazeField solution from the herd is it's ability to get the message across and the job done without the need for massive data bandwidth, as well as an efficient blend of unique user interfaces, system control software and new thinking in the field of cross-level cooperation between on- and offshore units.

The ability to exchange data over the always accessible, yet rather limited and slow satellite networks is much due to BazeField's wide range of integrated functions, making third party software superfluous. This is useful when operating in remote locations. The North Sea broadband infrastructure might be extensive, but places like offshore India, you're stuck with narrow satellite links.

A key element here is BazeField's data stream control systems, making sure that low prioritized internal organizational communication information is sent to and from the ship, doesn't disrupt daily operations nor essential communications.

- Our BazeField solution will be the central system on board the Aker SMART FPSO, and every worker will use the interface. Every piece of data is transmitted between on- and offshore in real time, including production-, process- and marine data, application sharing, text, speech and video. It's fully synchronized with the ship's control systems, it handles maintenance, document processing and publication, and also controls weather data and satellite links, explains Thore Ditlefsen, Baze Technology's marketing activities manager.

### The friendly portal

- The BazeField system will be the only interface available, not even Microsoft Windows will be accessible through it, but it's a really user-friendly experience. We've put a lot of work into the design process to make BazeField both modern and practical, says Ditlefsen, adding that the system comes with any European language pack requested.

A central part of the BazeField solution for the "Aker SMART" is the latter's "Keep it Smart"-philosophy, making involvement essential. In this case, that means not only keeping FPSO operation tightly connected to the onshore part of the organization, but also involving the field operator (Reliance), field partners, suppliers and consultants. Every piece of data is accessible to everyone, and all information is adjusted and suited each recipient.

This level of involvement is unusually high for IO solutions, which tend to keep information flow tight between selected on- and offshore units.

### Just a button away

Baze Technology believes in simplicity. With BazeField, every unit or person involved is just a button away; meaning that crucial resources, consultations and decisions are just as close, regardless of whether the meeting room is virtual or real.

- This is a way to enable continuous process improvement, as well as improve organizational cooperation, explains Baze Technology's Thore Ditlefsen.

They've got a mind to change the industry, one button at a time.



Integrated Operations



SMART: Unique and module based, Aker Borgestad chose BazeField as their IO solution for the Aker SMART FPSOs (Ill: AKER BORGESTAD)