



BW Offshore UK
FPSO Athena



BW Offshore is a leading global provider of floating production services to the oil and gas industry. The company is the world's second largest contractor with a fleet of 14 FPSOs and 1 FSO. So far, the SafeEx software is implemented on 3 BW Offshore units: FPSO Peregrino, FPSO Abo and FPSO Athena - this case is based on FPSO Athena.

CHALLENGE

BW Offshore was in the need of conducting close inspections on 2.300 pieces of electrical equipment onboard their FPSO Athena. Furthermore, they needed to update their Ex register of the equipment.

SOLUTION

- Installation of SafeEx System on 2.300 pieces of equipment
- Conducted registration and close Ex-inspections
- Documentation and certificate control
- Updated Ex register

RESULT

- Full transparency of equipment onboard
- Lists of findings found whilst inspecting
- Weekly and monthly automated report generation

"DNV have approved [the use of SafeEx to conduct Ex inspections] as they see SafeEx as a more satisfactory method to control Ex maintenance."

Graeme Matthews, EIT Superintendent, Athena FPSO.



Connecting activities offshore with management onshore

SafeEx provides software solutions for all inspection and maintenance routines in the oil and gas industry. Based on handheld devices and RFID chips, the software proves the inspector's presence and collects data electronically.

- **Improve safety:** If any critical issues occur, an alarm will be activated, notifying the rightful personnel.
- **Increase efficiency:** With the automated processes, automatic upload of data and automatically generated reports, the reduction of manual tasks saves you at least 30% in man-hours.

