

Control panel for Njord Bravo metering upgrade



Client:

Statoil

Location:

Njord Bravo FPSO, Norway

Equipment:

Control panel

Solution

Proserv selected eXLerate SCADA as supervisory computer and S600+ flow computers to meet project requirements. Verification tool Valid-8 integrated into supplied system.

Scope

Control panel was manufactured by specialist team at our facility in Scotland with remote support provided on site during commissioning by Proserv support engineers.

Project background

Proserv was awarded the contract to provide the control panel for the Njord Bravo metering system. This was part of a general upgrade of the Njord Bravo FPSO in preparation for an additional 20 years of operation.

Chosen for our reputation

With over 200 metering control systems supplied so far to the industry, Proserv was chosen because of our system's proven quality and reliability. We had previously completed successful projects for this client and so had a reputation for being flexible and easy to work with.

Project requirements

- Batch loading with recalculation based on lab values for standard density and water cut
- Automatic control of proving utilising dual chronometry with batch totals adjusted retroactively
- Automatic control of sampling and stream switching
- Dual HART transmitters with condition based monitoring
- Automatic leak detection on valves
- Calculation verification software available from metering system HMI
- Web browser access to flow computers from client's technical network



Njord Bravo FPSO

