

Product Supply – PI Data Analysis

Challenge

Our client in the Southern North Sea has a number of NUIs (Normally Unmanned Installations) across three fields which required daily monitoring for faults, maximising production and minimising maintenance costs.

Solution

- Inform the client when any discrepancy is monitored and provide them with the most likely scenario and possible solutions for any issues that may arise
- Stop potential shutdowns by acting before the problem occurs by monitoring trends in the PI data
- Project management to co-ordinate all project activities and provide the client with a single point of contact and responsibility throughout



Results

- Initial trial period finished and 3sun continue to monitor the clients assets on a daily basis
- Daily all immediate issues that require urgent actions are brought to the clients attention
- Weekly all issues immediate and otherwise are tabulated and reported giving a weekly 'health' check of all hydraulic systems on the clients assets

Maximising our value

- Issues relating to hydraulic failures are captured before they result in loss of production
- Maintenance can be performed on a when required basis rather than on a routine basis meaning money is saved on maintenance materials and labour
- A good overview of all hydraulic systems is known at all times and a helpful history database is built up and recorded

