

OUR CLIENT: Shell Todd Oil Services

INDUSTRY: Oil and Gas

VALUE: NZ\$200K

OVERVIEW: Shell Todd Oil Services (STOS) is a pioneering gas and oil operator that has been active in New Zealand for more than 50 years.

STOS operates a number of gas fields, production stations and a tank farm for joint venture partners including Shell, Todd Energy, and OMV.

In 2013, STOS embarked on a multi-year project to implement a high-integrity alarm management system called PlantStateSuite supplied by PAS as per their proven seven-step methodology for alarm management across all STOS operated ventures.

ENGINEERING: The alarm management system is fully operational in compliance alarm management standards and best practice

PlantStateSuite is utilised for all aspects of alarm management providing real-time data collection and alarm suppression, holding the alarm documentation and rationalisation information. Daily, weekly and monthly reports have been configured and are used for continual improvement in alarm management. Client application and web-based access is given to users via the STOS corporate network allowing stakeholders across departments to monitor, analyse and contribute to alarm management based on their roles.

ECL have been instrumental in the implementation of the alarm management system setup, configuration, operation and maintenance including responsibility over 12 servers across 5 locations managing >40,000 alarms.

- Significantly improved situation awareness, decision support and operator effectiveness.
- Reduced operator loading and fatigue
- Proven continuous improvement in alarm management as measured against globally-recognised alarm management KPIs

