

Chevron Australia

Customer market: INDUSTRY \ Oil & Gas

Country: Australia

Facilities: Gorgon Project

Short description: 10 Year Obsolescence Plan



Main Features

Services ASSET SUPPORT

Business ASSET SUPPORT / Maintenance Engineering

Detailed Presentation

Chevron Australia has developed one of the largest natural gas projects in Australia. It includes the construction of a 3 trains of 5.6 million tonnes per annum (MTPA) liquefied natural gas (LNG) facility on Barrow Island and a domestic gas plant with the capacity to provide 300 Terajoules per day of gas to Western Australia.

Prior to start-up of the facility, **Chevron** required a 10 year plan to manage obsolescence in its installed base of Control and Safety Systems for the development and future operations phase. The 10 year plan will give **Chevron** clear direction on it's future CAPEX spending and confidence of production uptime for the facility.

SPIE Plexal was awarded:

- 1) Primary Engineering Services Contractor;
- 2) Inventory and data gathering;
- 3) Population of **Pleximus**;
- 4) Development of the 10 Year roadmap.

Additional Information

- **Pleximus** is **SPIE Plexal's** in house control and safety systems hardware management tool and database;
- **Pleximus** was upgraded for the project;
- Over 100 systems with greater than 340 system component types relating to 66 different vendors were assessed.

Key Features

- Contract value: **SPIE Plexal's** scope is confidential;
- Duration /Time schedule: Commenced October 2014 and completed July 2015;
- Location: Barrow Island, Western Australia;
- Developed strategic roadmap / study including schedules, cost estimates, scope of work summaries and a sound business case for future upgrades.