

Synectics delivers site security solution to the Gorgon project



Synectics has developed and delivered a site security solution to one of the world's largest natural gas projects, and the single biggest resource development in Australia's history.

Chevron needed a solution for the Gorgon Project that would cover a vast and geographically diverse area, with the ability to monitor, manage, and protect the plant and facilities.

Synectics provided an integrated end-to-end Synergy command and control system with over 230 COEX™ camera stations, including hazardous and safe area TriMode PTZs.

About Gorgon

A subsea gas gathering system and pipelines deliver gas from the Gorgon and Jansz-lo gas fields to a three-train, 15.6 million ton per annum (MTPA)

Liquefied Natural Gas (LNG) processing plant on Barrow Island. The project also includes a domestic gas plant with the capacity to supply 300 terrajoules of gas per day.

Barrow Island has been a Class A nature reserve since 1910, located 60km off the northwest coast of Western Australia, and is an internationally important conservation estate.

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PROJECT DETAILS

Customer

Western Advance

End user

Chevron

Location

Australia

For further information on the products, services, and systems offered by Synectics, visit synecticsglobal.com.

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The solution

Synectics supplied over 230 COEX camera stations including hazardous area and safe area TriMode PTZs to protect the site in terms of process monitoring, safety monitoring, and security. These camera stations are located in the materials offloading facility, jetty, LNG plant, utilities area, and on the mainland.

The Synectics TriMode PTZ camera stations were specified to meet stringent capability requirements, including heat emission and temperature change detection, full functionality in no-/low-light conditions, and guaranteed image capture at extreme temperatures.

An essential requirement for the project was the centralized operator command and control, with additional capability for both remote and local operation/viewing.

Synectics designs integrated end-to-end surveillance control systems for the world's most demanding security environments. We excel at complex projects that require innovative, tailored solutions with high reliability and flexibility, specifically for casinos, oil and gas, marine, public space, banking, transport and critical infrastructure applications. Synectics' Systems division is part of Synectics plc, a global leader in advanced surveillance, security and integration technologies and services.

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