



Offshore Rig

Master Control Systems



► “Captec have provided us with a complete integrated solution for our supervisory monitoring and control systems. This saves us time, money and aggravation in the supply chain.”

Senior Hardware Engineer

The solution is for a leading global oil services company that provides engineering and construction services, technologies, product solutions and field-life solutions for the oil and gas industry. They have aggregated annual revenues of approximately NOK 50 billion and employ approximately 20,000 people in 26 countries.

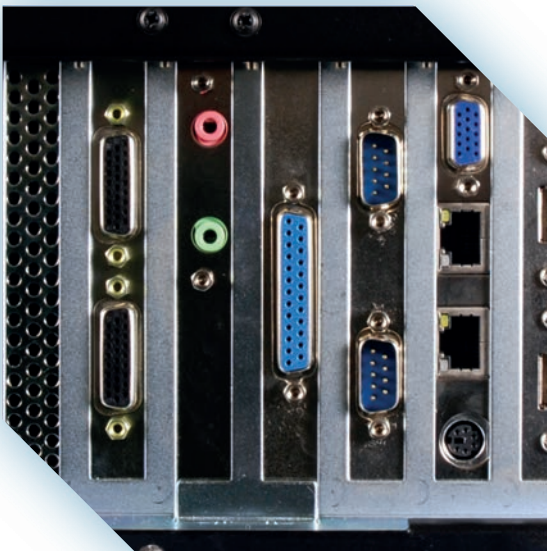


Requirements & Issues

- ▶ Short depth, yet highly expandable computer system. Industrial grade air filtration to prevent dust / grease ingress
- ▶ Integrated and pre-tested with several specialist PCI I/O add-on cards
- ▶ Operate with a redundant system with automated switch over
- ▶ Operation in a harsh offshore environment
- ▶ Must be deployed in a wide variety of cabinet installations
- ▶ Highly reliable, with continuity of supply and exact build replication due to offshore deployment

The Solution

- ▶ Short depth 4U Industrial 19" rack PCs with watchdog controlled switch over
- ▶ Units are protected from harsh environments including grease and dust ingress
- ▶ The installation includes setup of a variety of I/O cards from 3rd party manufacturers
- ▶ Offshore installation kit to negate logistical issues
- ▶ Captec supply fully configured systems with the value added service of installing, configuring and testing various cards as part of the production procedure
- ▶ The customer's installation and configuration manual was incorporated into Captec's ISO 9001 procedures



The Outcome

- ▶ Fully integrated monitoring and control system with very high availability, operating in a harsh environment
- ▶ Units have been highly reliable in the field
- ▶ All the integration challenges are undertaken by Captec and a complete fully configured and tested solution is supplied
- ▶ Installation and deployment into a wide variety of cabinets made simple with the installation kit
- ▶ 100+ systems deployed offshore
- ▶ Units supplied and tested with additional peripherals simplifying the supply chain



captec-group.com



[/company/captec](https://www.linkedin.com/company/captec)



[@captecgroup](https://twitter.com/captecgroup)

EMEA Office

7 Whittle Avenue, Fareham,
Hants, PO15 5SH, UK

- ▶ +44 (0)1489 866 066
- ▶ sales@uk.captec-group.com

North America Office

15 Saltsman Dr. Cambridge, ON.
N3H 4R7, Canada

- ▶ +1 (519) 650 4000
- ▶ sales@ca.captec-group.com

