



Monitoring Systems

Fibre Optic Pipeline



“This project deployed a 4U industrial rack dual Xeon PC and a single-processor AMD variant of the system. Application was depth restricted but requires large data storage & 24/7 operation.”

Mark Aveson, Sales Manager

This computing project for an optical sensing company supports the continuous monitoring of assets within the energy sector including early detection of events that threaten any integrity of the asset. These techniques provide condition monitoring, asset optimisation and intrusion detection, based on changes in temperature, strain and vibration.



Requirements & Issues

- ▶ 4U industrial rack depth restriction
- ▶ The product operates 24/7
- ▶ Longevity – continuity of supply
- ▶ Multi display output, VGA video, HDI or display port output
- ▶ Estimated MTBF ratings required

The Solution

- ▶ 4U industrial rack mount solution 408mm short depth
- ▶ Intel scalable xeon (also AMD option)
- ▶ Seven year longevity
- ▶ Industrial grade filtration & 50°C
- ▶ Ambient operational temperature
- ▶ Full MTBF summary report provided for xeon model



The Outcome

- ▶ 2 x high specification short depth industrial computers
- ▶ Long term supply assurance on the technology architecture
- ▶ Strong customer/Captec multi contact relationship



captec-group.com



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



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

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