

# Process Control Network

Gigabit Ethernet network to support pipeline control and monitoring systems at critical process plant



**ITM Communications is an independent specialist provider of cost effective and energy efficient Industrial Network solutions to the Manufacturing, Oil & Gas, Water Treatment, Power Generation, Construction and Systems Integrator markets in the UK, Europe and Middle East.**

This project consisted of a site wide external ring network linking the control room to nine PLC/MCC nodes, with a single spur to a remote PLC, interconnected to an internal ring network linking the control room to four PLCs. With a further ten PLCs linked to the internal network over Twisted Pair Cabling.

ITM has completed several projects of this nature across multiple sites and provided the following services;

- Network design and specification support
- Site survey
- Supply of fibre optic and twisted pair cable, patch panels and patchcords
- Installation of cable into ducts and on tray work
- Termination and testing of cable links
- Supply, installation and activation of 100Base Ethernet switches

**Client:** Utility Company  
**System:** Hirschmann Industrial Ethernet  
**Duration:** 15 days  
**Value:** £40,000.00