



Oil, Gas & Petrochemical

Whether you are an upstream company involved in the exploration of potential new oil and gas reserves, the development of existing oil and gas fields, or a downstream company transporting or processing crude oil and gas within an oil refinery, petrochemical plant or gas processing facility you are faced with increasingly challenging and ever changing and demanding marketplace.

- Key drivers in the Oil, Gas, Refining and Petrochemical sector include the:
- Increasing demand for Oil, Gas, Refined and Petrochemical based products
 - Increasingly more complex, hazardous and inhospitable locations for new discoveries
 - Deregulation of Energy markets
 - Increased Regulations and Environmental awareness and Impacts on Land, Water and GHG
 - Increasing Safety and Environmental Regulations



Our experience with the oil, gas and petrochemical production process and operations means we understand your key business issues and can provide you with solutions, quickly and efficiently.

Can-Technologies can provide a full range of solutions for mechanical, electrical, controls and instrumentation systems. If your project is a Greenfield plant, we will make sure that your system is designed with a complete advanced solution and tested against a dynamic simulation, so that you know your processes will start up error-free. If your project is a plant control system upgrade or process optimization, we will provide customized engineering, simulation, and training solutions.

We combine our knowledge of oil & gas production and processing with our skills in control (DCS, PLC, RTU, HMI, SCADA, and Safety Systems), separation, treating, gas measurement, power generation, pump and compressor controls, regulatory reporting, nomination management, production accounting, and maintenance management.

- Through our industry expertise we can help you meet these challenges, turning technology into a competitive advantage and:
- Reduce your energy costs through advanced regulatory control;
 - Increase uptime through power and automation components that feature built-in device-level diagnostics and communications;
 - Increase production rates through integrating information, automation and power systems with Integrated Architecture.



- The following highlights some of our range of services to the sector:
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| ● Instrumentation | ● KPI Performance & Reporting | ● Safety Improvements & PHSR |
| ● Control System Upgrade | ● Drive Application | ● Power Quality Improvement |
| ● SCADA Upgrade | ● Vibration Analysis | ● Energy Monitoring and Management |
| ● DCS Upgrade | ● Condition Monitoring | ● Arc Flash Analysis |
| ● Data Collection and Web Reporting | ● Alarm Monitoring System | |
| | ● Quality Information Systems | |