



## DATA ACQUISITION AND CONTROL



- Status monitoring
- Safety monitoring
- Feedback control
- Sequence control
- Hazardous areas
- Control system design

Cobham Fluid Systems supply a comprehensive range of control and data acquisition systems specially tailored for our fluid handling and hazardous area systems. We have a depth of experience with different types of control systems from relay logic, PLC controlled equipment, three term control systems and SCADA software packages. We have installed SCADA software packages such as INTouch<sup>®</sup> and LabVIEW to control and monitor fluid handling test facilities, oil and gas packages and fuel systems.

This together with our experience in the design and manufacture of special hazardous area instruments using float technology enables us to supply complete instrumentation, control and data acquisition packages to meet customer requirements.

Examples of the systems we have installed include:-

- Control system for a 35MW gas heater for combustion development
- Gauging and monitoring using 10 tanks in lub oil refinery tank farm
- 100 Channel 10KHz data acquisition and controls for aircraft fuel system development and certification
- Ship based tank monitoring system for inventory and control for Royal Fleet Auxiliary
- Mobile PLC controlled fuel test rig used for testing Eurofighter aircraft fuel systems
- Oil conditioning rig for supplying oil at set pressures, flows and temperatures for aircraft and military vehicle alternator/testing



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