



## Maintenance

We customise Maintenance Support contracts

**Abalto** offers operation and maintenance support services to Oil & Gas, Power, Manufacturing and Water industries for projects concluded by us or by other vendors. The support contracts are tailored to suit client needs and ensure a call out response time.

Our strength is in variety of disciplines such as Instrumentation, Rotating Equipment, Process and Fire and Safety. Our support engineers take the time and effort to familiarize themselves and learn all aspects of the clients installation such that when support is requested, they can identify the problem precisely and quickly resolve it. When asked we will review maintenance procedures to suit your process, installation and changes within the facilities which standard maintenance procedures do not normally address.

**Abalto** is capable of include multi discipline maintenance support services providing technical support to the operation and maintenance team. **Abalto** engineers have mechanical, rotating equipment, instrumentation and control maintenance teams with responsibilities ranging from managing resources, planning and executing maintenance activities.

Our maintenance engineers provide valuable input to the formulation of your strategies and plans e.g. HSE plans, safety cases and audit plans, asset reference plan, asset data, activity and schedule plans which cover the full life cycle of the assets and help realise asset management. We start with ensuring that all assets in the field are operating in a safe and efficient manner according to agreed maintenance philosophies, procedures and promote safe working practices through HSE meetings, Toolbox meetings, emergency exercises and stringent control of permit to work system. Our engineers have monitored the quality and cost effectiveness of the maintenance services provided to identify opportunities for improving the business by assessing efficiency and business results, management and planning.

Our rotating equipment maintenance and support engineers expertise include gas turbines, pumps, compressors, mechanical seals, gearbox/couplings, tanks and vessels, heat exchangers and valves. **Abalto** provided experienced rotating equipment engineers to complement our client engineering team at renowned high pressure compressor vendors. This has been done for several projects following up the production of prototype high pressure compressors and approving the testing and test procedures.

In addition to providing the services of our experienced engineers we do provide multi discipline maintenance technicians through manpower supply or maintenance call off contracts. **Abalto** have the capability to provide Operation and Maintenance support, Performance Optimisation and Availability Improvement, Instrument Calibration and Test Equipment Certification, Failure and Root Cause Analysis as well as Integrity Reviews.

Abalto is capable of providing support for the following Control & Automation systems:

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### Industrial Networks Expertise:

- Plant Control Information Management Systems in Industrial Domains
- Wide Area Fibre Optic Networks
- Open Transport Network OTN
- Fieldbus

### DCS Expertise:

- Honeywell
- Yokogawa
- Invensys
- ABB

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### PLC Expertise:

- Allen Bradley Rockwell
- Siemens
- GE Fanuc
- Schneider
- ABB
- Mitsubishi
- Fuji
- Yokogawa Stardom

### SCADA Expertise:

- Siemens WinCC
- Wonderware
- Rockwell RSview
- GE CIMPLICITY
- ABB MicroSCADA
- Intellution
- CITECT
- Yokogawa FasTools

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### Various Field Instruments Expertise:

- Vibration Monitoring
- Level Transmitters
- Pressure Transmitters
- Flow Meters

### RTU Expertise:

- ABB RTU
- Siemens
- Babcock
- GE Fanuc
- Foxboro

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### Quality Measurement Instruments Expertise:

- O2 Analysers
- H2O Analysers
- Various Gas detectors

### Detectors Expertise:

- IR Detectors
- Acoustics Detectors

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### Control Valves Expertise:

- Rotork
- Limitorque
- Biffi

### Safety PLC Expertise:

- Yokogawa Prosafe Safety PLC
- HIMA Safety PLC
- Triconex