



ConSolution

process automation

'solutions for a more efficient business'



Process Automation is at the centre of all operations at Consolution, our expert team carry a variety of high standard skills and experiences, covering a wide range of service operations - resulting in our client base gaining a high standard service time after time.

From concept to implementation, retrofit solutions to exiting plants and equipment our experts possess the design, build and commissioning capabilities for any project.

Consolution strive to be the market leaders of project management. We are able to boast that our delivery entails all the advice and services as a 'one stop shop' approach to all your process and engineering difficulties.



Consolution prides itself in a quality solution and are accredited to ISO9001:2000. Our electrical installation and testing services are further endorsed as we are an NICEIC Approved Contractor, our services include:

- Project, Design and Consultancy
- Packaged Plant and Equipment
- EC&I Installation and Maintenance
- Electrical Testing
- Calibration services
- Control Panels and Switchgear

Design and Consultancy:

Consultancy appears throughout our business operations, due to our expertise we are able to provide you with full process plant and pipe work solutions, using our in-house expertise along with a range of out house specialists: we can take care of all your specifications.



Project Management:

Consolution possess expert team members who are highly trained in providing a range of formal management techniques to our clients. We assign selected team members based on specific skill sets and also boast accredited PRINCE 2 Practitioners 'in house'.

Our business incorporates a wide range of expertise, to help you implement simple project plans to full turnkey project management. We can supply you with the support you need to remain a successful, sustainable and respected market player in your industry sector.

'Improvements in process control can improve throughput by between 2% and 5% and reduce the incidence of quality problems by up to 50% in many businesses'

Source: Carbon Trust





Electrical/Instrumentation Design & Installation services: - Ask for brochure

Consolution are an NICEIC Approved Contractor who offer a full range of design and installation services:

- HV / LV Switchgear distribution.
- Cable installations from transformer source to final circuit (Up to 600mm cable size).
- Cable containment systems.
- Small power and lighting.
- Inspection and Testing to BS7671.
- Hazardous Area installations to meet ATEX.
- Fire Alarm s and Emergency Lighting.
- Internal and External Lighting Schemes.
- CCTV, Security and PA Systems.
- Instrumentation & associated cabling systems.
- Instrument Control Loops including intrinsically safe circuits.
- PLC / SCADA design, build and commission.

'A poorly tuned control loop can result in more energy wastage than a process using manual power'

Source: Carbon Trust

Packaged Equipment: - Ask for brochure

Consolution can design, build and install custom made process solutions in the form of package plant. Whether you require a stainless skid mounted or GRP enclosed or process control system with full automated PLC, Consolution have the expertise to deliver a fully tailored solution. Products include:

- Chemical dosing skids.
- Intermediate batching plants.
- Pre stage mixing/ blending plants.
- Fully automated pilot plants.

Any process requirement can be designed and tailored to suit your space constraints and environmental conditions.

Calibration Services: - Ask for brochure

To ensure your business is complying with the latest regulations: such as ISO 9002, we offer a range of Calibration services, that ensure your equipment is operating correctly and traceable to NAMAS standards. Our expert team can perform:

- Full Loop calibrations.
- PLC / SCADA Alarm checking.
- Control valve calibration and overhaul.
- Safety system loop checks.

Electrical Testing: - Ask for brochure

Consolution offer a range of electrical testing services, including Fixed Installation Testing Portable Appliance Testing (PAT) and inspections and testing in Hazardous Area's (gas Zone 0 to Zone 2, dust Zone 20 - Zone 22) using fully trained CompEx installation and supervisory personal.



Measuring and Monitoring: - Ask for brochure

Load-View® is a fully Automated Metering and Targeting (aM&T) system, which brings consumed energy usage directly to your finger tips via a web browser. Primarily developed for the industrial sector but widely available to building management systems, Load-View® collates all energy data to a single source.

It can be tailored to client requirements but boasts numerous standard reporting features including alarms, usage Vs raw material reports, carbon emission calculations etc. Single and multiple sub metered installations are available with full installation and support services offered as standard.

Process Automation

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SeriDAQ™ - Ask for brochure

SeriDAQ™ enables businesses to extract key production or quality data from legacy serial equipment without the need for investment in new equipment. This is particularly useful when combining information from varying equipment manufacturers. Key data can be linked to existing SQL databases and made available using WEB enable technology through a browser. Equipment includes gravity fed blenders, weigh systems, or anything with a serial output or printer port can normally be accomodted.

What next?

If this flyer has sparked an interest in what Consolution can do for you, please contact our expert team and we can help you to fight the operating costs of running a business.



www.consolution.co.uk



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