



TOTAL AUTOMATION & POWER

TAP



TAP INTO ALL THIS...

Would you like to place a single order for the design, supply and installation of all of the electrical and control system work on your project?

If so, talk to us about Total Automation and Power.

Total Automation and Power is a formal joint venture between Cougar Automation Ltd and Technical Control Systems Ltd. Total Automation and Power is very well established and since being formed in 2005 it has delivered hundreds of projects worth tens of millions of pounds.

Working with Total Automation and Power is just like working with a single company. Every project has a Total Automation and Power project manager who co-ordinates all the work and gives you a single point of contact.

MCC's | LV switchboards | PLC | HMI | SCADA | Networking | Electrical design | Electrical Installation | Instrumentation

THE ONE STOP SHOP FOR YOUR PROJECT

SINGLE ORDER

With the Total Automation and Power joint venture you can place a single order for all of your electrical and control system design, supply and installation so you can concentrate on delivering your project without having to worry about placing and managing separate orders for MCCs, a control system and electrical installation.

Unlike separate orders, both companies stand behind the whole scope and unlike a contract – sub contract arrangement we don't mark up each other's price. Easier to manage, more secure and competitively priced.

BEST OF BREED

When placing a single order for such a wide scope it can be a worry that a single supplier may not truly have the breadth of expertise needed. We would agree. For instance it is difficult for an MCC builder to have the depth of knowledge of software to design and supply modern complex control systems, and as a factory based manufacturing operation they are not experts at managing a field based site installation workforce. So with any company that expands into areas outside of its core expertise it is likely to be weaker than the best in that field. It is because of this that we created Total Automation and Power to bring together the 'Best Of Breed' expertise needed to deliver your projects.

TOTAL AUTOMATION & POWER

When you choose Total Automation and Power as your partner you get an unrivalled combination of expertise:

- Control System expertise from Cougar Automation Ltd
- MCC and panel expertise from Technical Control Systems Ltd

We can deliver all or any mix of the following:

- MCC's
- LV switchboards
- PLC
- HMI
- SCADA
- Networking
- Electrical design
- Electrical Installation
- Instrumentation



TECHNICAL CONTROL SYSTEMS LTD

LOW VOLTAGE SWITCHGEAR AND CONTROL PANELS

Technical Control Systems Ltd are a manufacturer of Low Voltage Electrical Switchgear and Controlgear with over 40 years experience serving our clients in Industry. We specialise in Low Voltage Switchgear, Motor Control, Process Instrumentation and Control solutions built to customers exacting specifications for a wide range of applications. We have a reputation for achieving completion of complex projects against demanding technical specifications, within budget and to tight time constraints.

- Motor control centres
- Q-system switchboards
- Control panels
- Pump control systems
- Industry control systems
- Hazardous areas
- Outdoor kiosks
- Modifications and upgrades
- Relay protection panels



TCS

COUGAR AUTOMATION LTD



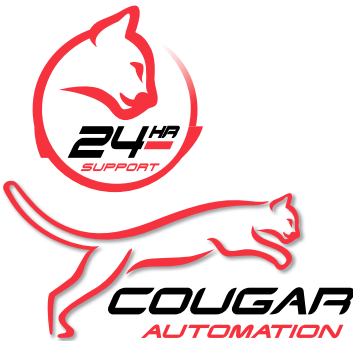
AUTOMATION CONTROL AND MANAGEMENT SYSTEMS

With offices throughout the country, Cougar Automation Ltd have the ability to professionally deliver automation projects to our clients regionally and nationally.

Work is undertaken at your closest facility by local sales people, engineers and project managers ensuring decision making and client interface delivers the optimum levels of quality and service. For PLC's, SCADA, DCS or production management systems, Cougar Automation has the expertise near you.

Cougar Automation Ltd have the ability and extensive experience in delivering automation projects to these sectors:

- Water and waste water
- Tank farms
- Food and beverage
- Pharmaceuticals
- Petrochemical
- Pipeline distribution
- Waste processing
- Conventional and renewable energy





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