

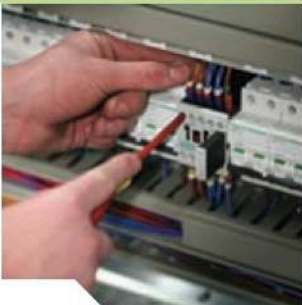
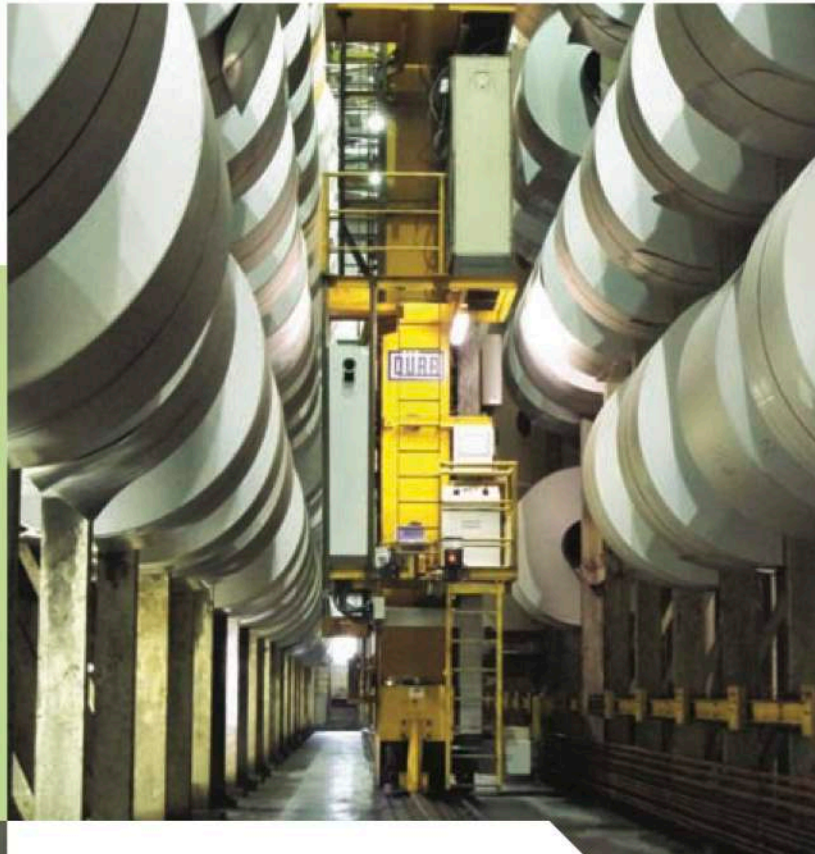
Transicon –
putting you
in control



TRANSICON
● ● ● system integration

TRANSICON

● ● ● system integration



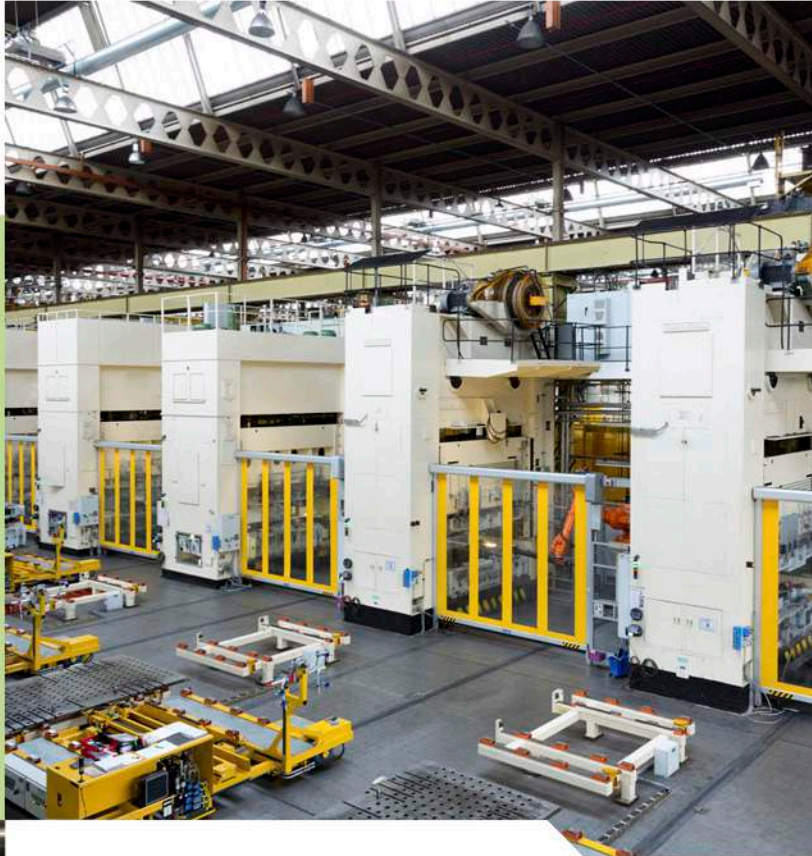
Industrial manufacturers, processing plants and OEMs across the world have appointed Transicon Ltd to design, manufacture and install electrical control systems to manage their production processes.

Without exception, our clients want to maximise the efficacy and cost-efficiency of their operations whilst delivering consistently high-quality results.

Combining reliable hardware with robust operating systems is at the heart of integrating your electrical control systems. Our approach to developing your bespoke operating solution involves working with you from the concept of the project through to its completion and final commissioning.

Since 1967, Transicon Ltd has developed, refined and improved electrical control systems to deliver competitively priced, dependable and low-maintenance systems that operate efficiently and economically.

Drive Control Systems



Integrated electrical drives and control panels are being adopted as a viable alternative to mechanical (hydraulic or pneumatic) systems. Transicon Ltd's range of fully integrated electrical Drive Control Systems and panels is built using an adaptable structural design. This means today's solutions offer options to upgrade in the future to meet the demands of changing processes and production processes.

Transicon Ltd does not compromise on quality. Every drive control panel incorporates only the best components from the world's leading manufacturers and suppliers. Reliability is paramount. Your reputation, production and product rely on the dependability of the machinery in your manufacturing cycle or processes and Transicon Ltd is there to support you.

You can expect electrical Drive Control Systems from Transicon Ltd to be designed and built to exacting international standards to meet the expectations of the most diverse range of industrial applications and hostile environments. Enclosures and components comply with relevant British Standards.

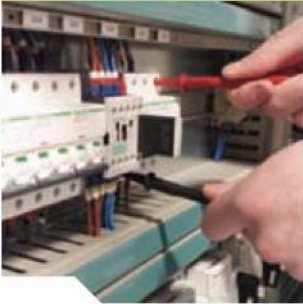
Our approach to developing your bespoke Drive Control System involves working with you from the concept of the project through to its completion and final commissioning.

In-house Testing

Rigorous in-house testing of your Drive Control System prior to despatch reduces on-site commissioning time. Testing is undertaken using accurately calibrated instrumentation, with all relevant results included in the equipment's test certificate.

Since 1967, Transicon Ltd has developed, refined and improved Drive Control Systems to deliver competitively priced, dependable and low-maintenance products that operate efficiently and economically.

Motor Control Centres and Panels



In commercial and industrial environments, electric motors are required to drive plant and equipment. It is often advantageous to control some or all of these motors from a central location. The apparatus designed for this function is the Motor Control Centre (MCC).

You can expect that MCC's from Transicon Ltd are designed and built to exacting international standards and to meet the expectations of the most diverse range of industrial applications and hostile environments. Enclosures and components comply with relevant British Standards.

Transicon Ltd does not compromise on quality. Every MCC enclosure incorporates only the best components from the world's leading manufacturers and suppliers of starters, fuses, circuit breakers and isolator switches. Reliability is paramount. Your reputation, production and product rely on the dependability of the machinery in your manufacturing cycle or processes and Transicon is there to support you.

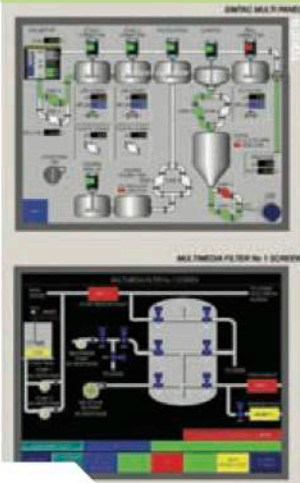
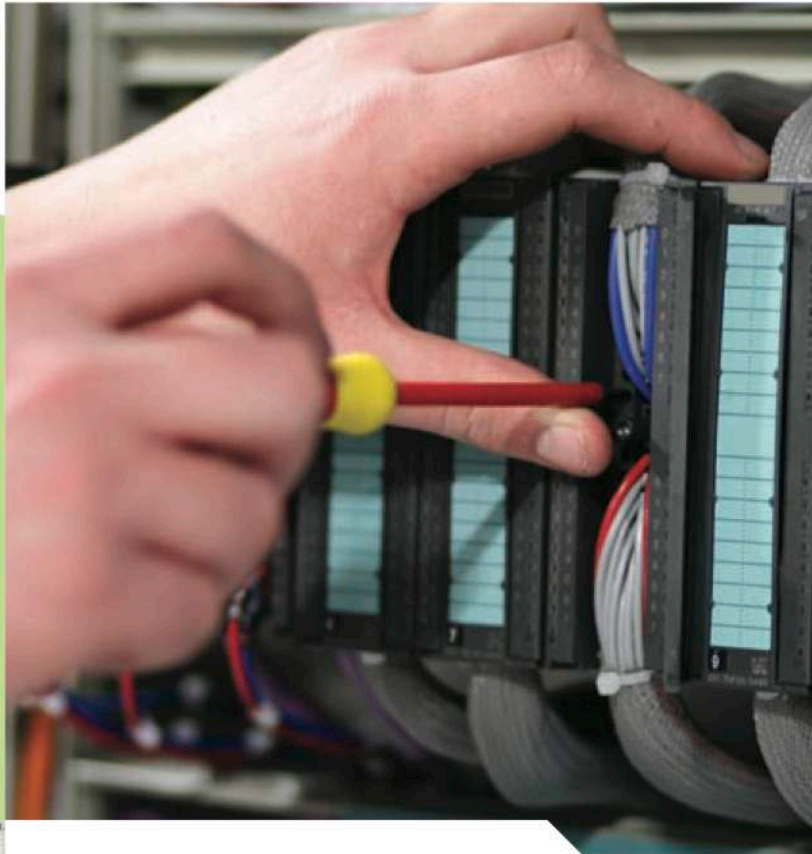
Our approach to developing your bespoke MCC involves working with you from the concept of the project through to its completion and final commissioning.

In-house Testing

Rigorous in-house testing of your Motor Control Centre prior to despatch reduces on-site commissioning time. Testing is undertaken using accurately calibrated instrumentation, with all relevant results included in the equipment's test certificate.

Since 1967, Transicon Ltd has developed, refined and improved Motor Control Centres to deliver competitively priced, dependable and low-maintenance systems that operate efficiently and economically.

PLC & SCADA Software Programming



Transicon Ltd has acquired a wealth of knowledge and experience in coding all leading proprietary Programmable Logic Controllers (PLC) and Supervisory Control and Data Acquisition (SCADA) industrial control systems. Operating processes can extend from basic Human-Machine Interface (HMI) packages to complex multi-stage functions with remote stations.

A wide range of industry sectors can benefit from adopting PLC or SCADA control systems. For example, our SCADA software enables processes to be accurately monitored, collection and storage of critical data and process' variables to be recorded and adjusted, all from a remote source.

PLC emulation software, developed in-house, enables us to carry out factory acceptance tests on all software prior to installation guaranteeing fast and trouble-free commissioning. Our comprehensive software archiving procedures ensure that the latest software and updates are available. Client specific software can often lead to increased efficiency, improved productivity and significant energy cost-savings.

Our services and accreditations

- Programmable Logic Controller
- SCADA/HMI
- Inverter and Servo Drives
- Control Panel – Design and Manufacture
- Automation Systems
- MCC and LV Panels
- Installation and Commissioning
- Full Turnkey Project Management
- Support and Service

Independent of Manufacturer so we always select the best equipment for the application.



Certification shows that our quality processes have been audited against the ISO 9001 standards with third party certification bodies offering independent confirmation that our management systems meet the requirements of the standard.



The UK's leading voluntary regulatory body for the electrical contracting industry. Registered electricians are regularly assessed to ensure high standards and their work is checked against the IEE Wiring Regulations BS 7671 as well as other standards.



A health and safety assessment scheme that is recognised all over the UK. The scheme has been designed to take the hassles out of health and safety by managing your list of approved contractors more efficiently and cost effectively.



Sales and Technology Partners are companies selected for their ability to design, build and commission complete machines or machine sub systems, using one or more of Bosch Rexroth's control technologies.



Market sectors

Automotive Manufacturers

Automated Production Lines

Food Production Lines

Environmental Disposal Plants

Biomass Processing Plants
Waste Water Treatment Plants
Recycling Plants
– Conveying and Segregation

Industrial Manufacturing

Parts Handling
Component Conveying
Press Feed Lines
Test Rigs
Material Processing Lines

Environmental Management

Dust Extraction Control
Water Processing Plants
Wind Farm Management

Construction Material Extraction and Processing

Conveyor Control and Segregation
Brick Manufacturing
Mine Stabilisation

Printing and Reprographics Industry

What we do

Analysis

A comprehensive appraisal of your processes to understand the scope of your project

Design

Control systems are planned to improve productivity, increase efficiency and deliver tangible results

Testing

Every control system is rigorously tested to eliminate component failure or programming errors

Installation

Your control system will be installed and fully tested before final commissioning and hand-over

Cabling

Control panels can be supplied ready to accept external cabling or Transicon can provide cabling to connect to your process machinery

Instrumentation

Panels can be controlled with:
Switchboard Instrumentation
Human-Machine Interface (HMI)
Supervisory Control and Data Acquisition (SCADA) Industrial Control Systems

Control and Automation

Inverter and Servo Drives, Programmable Logic Controllers (PLC) and SCADA. Control and automation panels designed and built at our facility.

Documentation

A compendium of design drawings, process diagrams and operating instructions is supplied with every installation

Refurbishment

Existing control panels can be modified or upgraded to take advantage of technology developments to improve efficiency and increase levels of production

TRANSICON Ltd.

Unit 1D, Queensway Business Park
Queensway, Telford TF1 6AL
Telephone +44 (0) 1952 605515
Website www.transicon.co.uk





- Consultancy and project management services, delivering cost-effective solutions for process optimisation.
- Systems analysis and on-site diagnostics.
- Design and applications engineering to internationally recognised standards.
- Custom-built or standard systems, software, panels, cabinets and consoles.
- Engineering and manufacture to BS EN ISO9001 standard.
- Installation and commissioning - to customers' individual requirements.
- Comprehensive after sales service - full support, with customised care packages available, if required.
- Turnkey solutions - complete service from initial site survey to installation, test and commissioning.
- Special product development - custom designed and engineered solutions to meet the most demanding application requirements.
- Operating a policy of continuous quality improvement.

TRANSICON Ltd.
Unit 1D, Queensway Business Park
Queensway, Telford TF1 6AL
Telephone +44 (0) 1952 605515
Website www.transicon.co.uk

