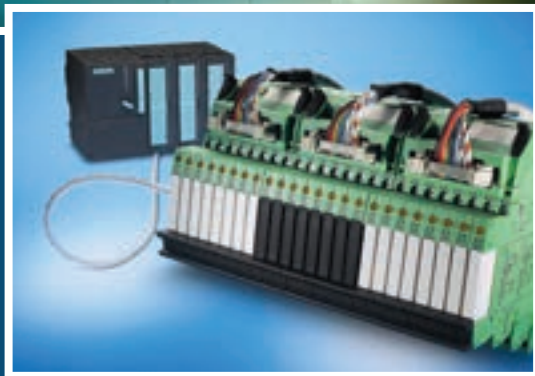
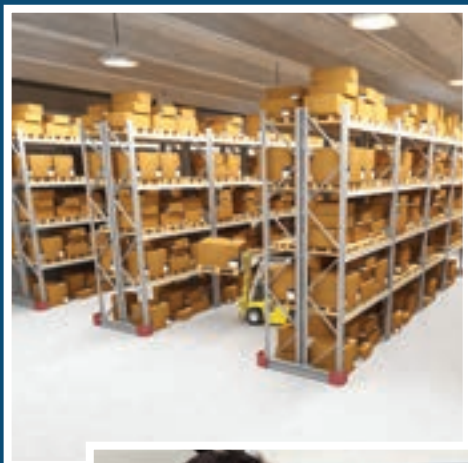


Automation Innovation



Process and Manufacturing

Underwoods have been supplying leading edge technology to British manufacturing for over 50 years. During which time we have built many strong relationships with manufacturing companies and have learned to understand the requirements and drivers of this demanding and ever developing environment.

Through our extensive experience combined with the products and knowledge of our key partners, Underwoods are able to provide a vast range

of services to the different departments of the manufacturing and process industries.

Allow Underwoods to work with you to achieve your drivers and KPIs. Using our industry knowledge and the products and support of our major automation manufacturing partners, Underwoods will endeavour to provide you with a solution to the most demanding of problems.



Stores

Underwoods are able to provide a viable and flexible solution to your automation component spares. Packages include:

- › Stock management
- › Critical spares packages
- › Kitting

Underwoods can supply your machine requirements in kit form, tailored to your specific needs. Product can be labelled, boxed and deliveries scheduled direct to your shop floor to meet your production requirements.

We can work closely with you to ensure that you only need to place one order, we will do the rest.



Repairs and Spares

- › Siemens S5 support packages and site surveys
- › Competitive alternative to supply of OEM recommended spares
- › Comprehensive stock holding with next day delivery

Maintenance

With the requirement for plant availability ever increasing, the pressures to develop a proactive and managed approach to maintenance as never been greater. Underwoods are able to work with your maintenance team to offer a number of solutions to assist you in this area:

- › Remote access solutions
- › Motor management
- › Conditioned based monitoring



Production / Operations

Allow Underwoods to work with your Production and Operations team to help to resolve those manufacturing issues. Through our extensive knowledge and the vast array of products within our supply we will endeavour to provide you with a solution to the most demanding of production and operation problems.

- › Process control
- › Process instrumentation
- › Industrial networking
- › Drives and motion
- › Machinery and process safety
- › Energy monitoring and management
- › Shop floor data capture
- › Plant visualisation
- › Asset monitoring including OEE and downtime analysis
- › Wireless applications
- › RFID
- › Pick and place
- › Automated product handling



Quality / Continuous Improvements

The need to manufacture consistent quality product with minimal waste and defects is a major driver / KPI within the manufacturing and process industries. Underwoods have a proven track record in this area, having supplied many solutions across a wide range of industries. Allow us to work with your quality / continuous team to provide solutions to meet those ever demanding drivers.

- › Product measurement
- › Label verification
- › Weighing
- › Barcode reading and verification
- › Waste monitoring and reduction
- › Track and trace
- › Batch control and recording
- › Temperature control and recording
- › Component and product Inspection / vision applications



Training Courses

Underwoods run practical and 'hands on' PLC training courses with expert supervision.

After assessing your training requirements, we will tailor the course to your plant and equipment in order to maximise the effectiveness of the training sessions. All of our PLC training courses will take place on your site or at our premises with our PLC simulation rigs, programming equipment, course manuals and certificates.



Engineering / Projects

Whether a complete new process, or modifications to existing systems, allow us to work with your engineering team on product specification of automation components. From concept to implementation, Underwoods will endeavour to provide the support you require.

- › Assistance with project specification
- › Product workshops
- › In house technical support
- › Training packages

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