



## PROCESS AUTOMATION AND INFORMATION SYSTEM SPECIALISTS

*OP-TEC supplies consultancy, engineering services  
and systems in the following fields:*

**DCS/PLC/SCADA • PROCESS CONTROL • FACTORY AUTOMATION**

**Application Software • INFORMATION SYSTEMS • DATA ACQUISITION**

**SYSTEMS INTEGRATION • INSTRUMENTATION • COMMUNICATIONS & NETWORKING**





## Company Profile

OP-TEC Systems is a project oriented company supplying automation systems, application software and consultancy services to clients in the process and manufacturing industries. It offers innovative solutions for continuous control, batch, sequencing, data acquisition and wider industrial applications.

Working closely with the client's own staff, OP-TEC provides:

- *Appropriate and cost-effective automation solutions*
- *Open access to process information for business management and control*
- *Flexibility for future integration with other equipment*
- *Quality documentation for process validation, environmental compliance and maintenance*
- *Long-term commitment and support.*

As an independent systems integrator, staffed by engineers whose broad experience stems from key positions with major DCS, PLC and SCADA systems manufacturers, OP-TEC can select the most appropriate equipment and engineer the best solution for each project.



## Products and Services

OP-TEC Systems designs, supplies, installs and commissions process automation, data acquisition and information systems across a variety of industries.

- *DCS and PLC software conversion*
- *Provision of an 'on-call' extension to the client's own C&I and IT engineering resources.*

Other company services include:

- *Consultancy, feasibility and design studies*
- *Project definition, conceptual design and system specification*
- *Preparation of User Requirement, Functional and Detailed Design Specifications*
- *Control system and vendor selection*
- *Project management and systems engineering*
- *Instrument and electrical design*
- *Control system upgrades and expansions*
- *DCS, PLC, HMI, SCADA and PC application software*
- *Integration of existing equipment, specialist sub-systems and management information systems*
- *System and application maintenance, technical support and training*
- *Support, migration & replacement of 'legacy' DCS, PLC and SCADA systems*

OP-TEC Systems is able to provide individual engineers to support peak workloads during an 'in-house' project, or a complete 'turnkey' solution.



# Open Technology Solutions for Process Control

## The OP-TEC Philosophy

OP-TEC Systems is committed to working closely with its clients to develop and implement the most appropriate solution for each application, both on time and within budget.

Our professional approach and consistently high standard of customer service results in significant repeat business.

OP-TEC's prime objective is Total Customer Satisfaction.

## Open System Solutions

Data from manufacturing processes is often used to make decisions in real time. Users look for 'future-proof' and 'open' solutions, integrating process control and business systems.

OP-TEC Systems' specialist services fully support this level of data integration, facilitating control over the entire manufacturing process.

## Strategic Partners in Control

OP-TEC provides a flexible and dependable service throughout the life of each application, maintaining the functionality of existing systems, whilst integrating real time process data with management information systems.

A breadth of application experience is available to assist each client to identify and solve process and production problems through effective automation solutions.

In the case of companies whose manufacturing operations do not fund extensive control & instrumentation expertise, OP-TEC offers the economic solution of 'part-time' specialist support.

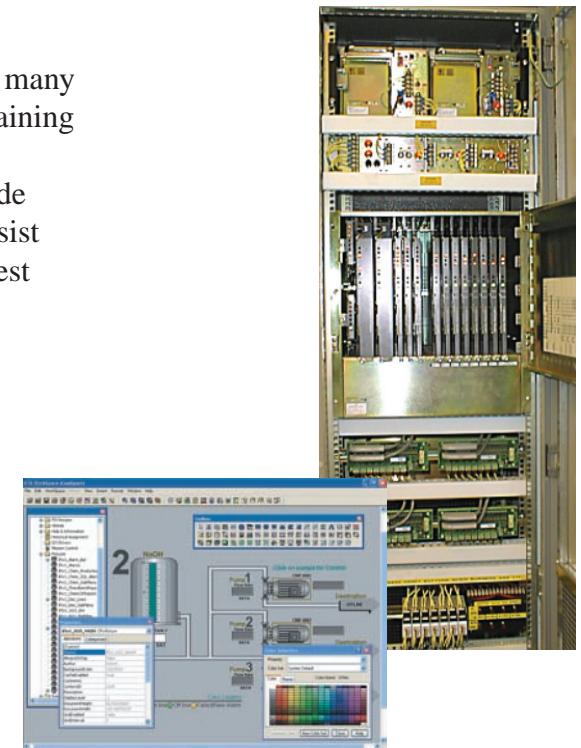


## Bringing an Objective View

Given the ever-expanding choice of technologies available, the selection of the most appropriate hardware and software is increasingly difficult.

OP-TEC has worked with many of today's technologies, gaining unbiased insight into their capabilities. We can provide consultancy services to assist clients in specifying the best solutions for their sites.

OP-TEC can also 'reverse engineer' existing DCS, PLC and SCADA applications, helping clients to migrate from 'legacy' systems to 'current generation' solutions for process management and control.



# PROCESS AUTOMATION AND INFORMATION SYSTEM SPECIALISTS





## EXPERIENCE

OP-TEC Systems has supported open connectivity and multi-vendor inter-operability for many years, providing its clients with precise solutions for their individual applications.

Our engineers have successfully completed projects in the following industrial sectors:

*Pharmaceutical, Pulp & Paper, Bulk and Fine Chemicals, Petrochemical, Metal Processing, Food & Beverage, Automotive, Water Treatment, Oil & Gas, Heat & Power Generation and Communications.*

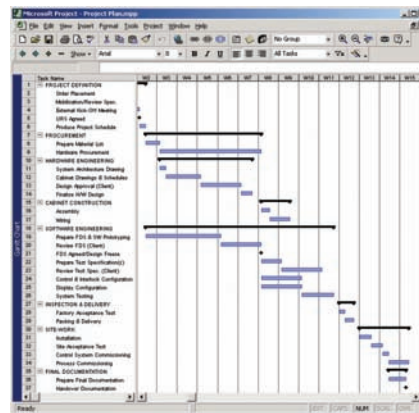


Projects implemented include:

*Continuous & Batch Control, Local & Distributed Control, Instrumentation, Control Systems, Plant and Process Simulation, Production Monitoring, Software Conversion, Site-wide Integration, Information Systems, Process Automation, DCS, PLC, SCADA and Data Acquisition Systems.*

## PROJECT MANAGEMENT & SYSTEMS ENGINEERING

Experienced Project Leaders provide the vision to develop systems which meet the client's broader business objectives.



Once refined and agreed, each solution is detailed in a system Functional Design Specification. OP-TEC's project team then works closely with the client to engineer the system.

Hardware from approved vendors is assembled and tested in accordance with the system specification and detailed design documentation.

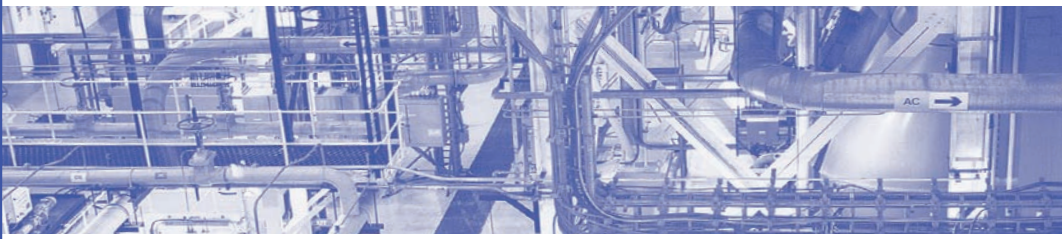
Software is written using tried and tested modules where possible and rigorously tested prior to integration with the target hardware.

Thorough testing to a client-approved Test Specification, including a formal Factory Acceptance Test, confirms the robustness of the system prior to delivery.

OP-TEC engineers are available to supplement the client's own personnel throughout system installation, commissioning and beyond.



# BRINGING I.T. TO THE FACTORY FLOOR



## **Client Benefits**

- OP-TEC's integrated team approach helps complete each project on time and within budget.
- Skilled project teams bring a wealth of application experience to each project.
- 'Open' system designs facilitate future integration with other equipment.
- A flexible and personalised service helps to meet site-specific requirements.
- OP-TEC's broad systems engineering skills support the client's wider business needs.
- Where appropriate OP-TEC works as an extension to the client's own engineering team.
- OP-TEC Systems aims to build lasting relationships with all of its clients.

## **CONTACT DETAILS**

**OP-TEC Systems Ltd**

Covings, Back Lane, Tibberton  
Newport, Shropshire TF10 8NX

Tel: 07811 509210

Email: [projects@op-tec.co.uk](mailto:projects@op-tec.co.uk)

[www.op-tec.co.uk](http://www.op-tec.co.uk)