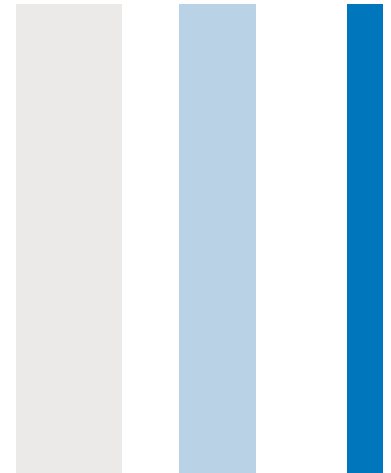# Automation Solutions

Solutions for heightened operational performance

Improving efficiency is about more than just implementing new technologies. Our automation engineering consultants can help you upgrade or use existing systems and infrastructure to enhance your processes and operations for greater business performance.

Continuous Process Automation

Our automation solutions take a complete business perspective to optimise your total investment and return on capital expenditures.

• Enhance process automation and control
• Streamline your business process
• Ensure system security

Discrete Machine Automation

We're well-placed to assist you in selecting package units/machines and the vertical integration of superordinate systems.

• Platform-independent systems integrator
• Knowledge of acquisition, analysis and visualising operation and production data
• Ensure progress of product via conveyors or other transport mechanisms

Automation beyond the Manufacturing Sector

We optimise your existing infrastructure to implement automation solutions designed for your operational needs.

• Experience of every major Drive, Servo, SCADA/HMI, DCS and PLC available
• Automation expertise encompasses diverse applications
• Platform-independent approach

Flexible & High Performance Automation

A flexible automation cell can improve efficiency and quality by evolving with your product, process and demand.

• Boost your capacity to produce a diverse range of products
• Minimise costs and downtime associated with product changeover
• Efficiently accommodate variations in product and packaging design

Control System Design

We gain a universal understanding, developing automation solutions to enhance the performance of your entire operation.

• Overcome legacy system limitations
• Receive on-site training
• Establish a framework for operating discipline

Control System Integration

We'll develop a logical control system integration solution that delivers maximum efficiency, quality and safety.

• Lower maintenance costs
• Improve quality control
• Reduce downtime

Control System Migration

iconsys will find the best, low-risk solution that incorporates upfront planning, technology selection, systems integration and ongoing support.

• Obtain funding
• Continue operating during migration
• Secure gains for the future

Regulatory Compliance

We deliver integrated process compliance systems and regulatory compliance consulting services to meet your exact requirements.

• Establish a chain of custody for analysis
• Secure data integrity
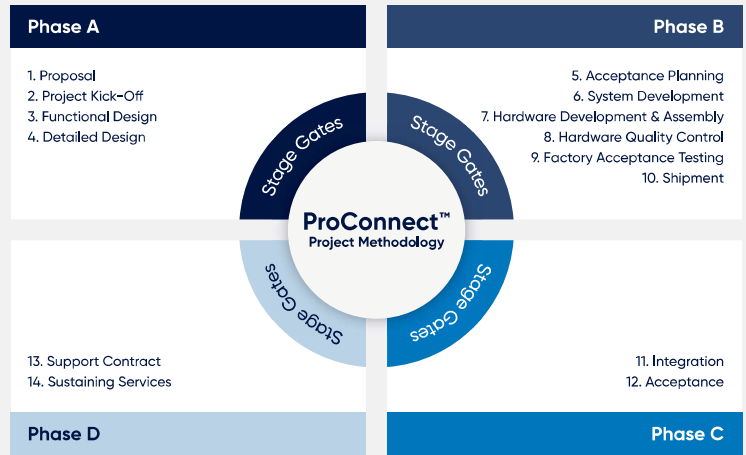• Achieve regulatory compliance

Virtualisation

Our migration plan will help you design, build, configure, set up and test a virtual control system environment.

• Reduced hardware footprint
• Scalability (can run up-to-date software and compatible applications)
• Reduced cost of ownership

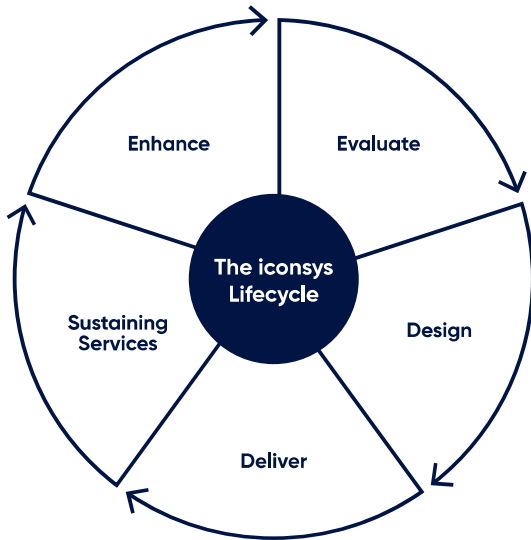iconsys

Proven Methodology

Our Project methodology is central to the successful completion of every project. Our proven multi-gated process, ProConnect™, has a Quality Management System accredited to ISO9001:2015 at its core, ensuring that all services and solutions are consistently delivered to the highest standards.

We also undertake a gate review on completion of each stage in the project lifecycle, to ensure that every requirement is being achieved. Our experienced team is committed to delivering innovative solutions to satisfy your requirements and enhance your business performance.

Phase A
1. Proposal
2. Project Kick-Off
3. Functional Design
4. Detailed Design

Phase B
5. Acceptance Planning
6. System Development
7. Hardware Development & Assembly
8. Hardware Quality Control
9. Factory Acceptance Testing
10. Shipment

ProConnect™ Project Methodology

Stage Gates

13. Support Contract
14. Sustaining Services

11. Integration
12. Acceptance

Phase D

Phase C

The Full Lifecycle Service

From concept to completion and beyond, you can count on iconsys to design, deliver and develop solutions for every stage of the project lifecycle, ensuring continuous and improvement to keep your operation running at optimum efficiency.

The iconsys Lifecycle — Enhance, Evaluate, Design, Deliver, Sustaining Services

Evaluate
We'll agree an overall concept design, user requirement specifications, system simulation, design specifications, development of user standards, simultaneous engineering, an engineering pilot and risk assessment.

Design
This includes project management, complete system specification, hardware and software design, application development, test strategy and methodology documents, system emulation/simulation and module/integrated testing.

Deliver
Our project implementation covers manufacturing, sitework planning and design, site installation works, virtual commissioning, system commissioning and operation/maintenance manuals.

Sustaining Services
We offer tailored contracts, scheduled preventative maintenance, upgrade and obsolescence management, ad hoc services, cyber security, remote diagnostic via secure connection and on-site/off-site support.

Enhance
Enjoy peace of mind with operation consulting, connected enterprise, API dashboards, feasibility studies and process analytics.

Who we are

iconsys is a leading UK automation solutions provider and systems integrator. Well-established and highly respected, we combine innovative technologies with extensive industry knowledge and experience, supporting you throughout the asset lifecycle to enhance the performance of your business.

Our vision is to lead customers into the digital era, through close working partnerships built on trust. We are driven to delivering world-class solutions that inspire change across multiple markets.

Contact our Automation Solutions experts:

T: 01952 607300
E: info@iconsys.co.uk

iconsys