

High Integrity Control & Safety Solutions



water

oil & gas

power & utilities

process control

environmental

Global Leader

Serck Control and Safety are a platform independent system integrator offering a wide range of purpose-built process management solutions. Our engineering capabilities are reinforced by in-house technical proficiency.

Each system is designed to:

- Deliver enhanced performance
- Provide High Integrity Control and Safety
- Reduce Risk of process incidents
- Increase asset utilisation efficiency
- Design entire lifecycle solutions

Comprehensive Solutions

We offer comprehensive turnkey solutions and services, including modifications to existing systems including:

- Integrated Control and Safety Systems
- Solid State and Software based Systems (or a combination of both)
- SCADA, DCS, and PLC Control Systems

- Solid State and Software Safety Systems
- Software Engineering
- Design Services
- Site Services
- Consultancy Services

Industry Focused

For over 35 years, we have developed a proven track record of delivering on time solutions for the following industries:

- Pharmaceutical
- Oil and Gas
- Nuclear including Defence
- Chemicals
- Power

Our Systems

Our global systems have included:

- Control of national gas and oil pipelines
- Production of life saving drugs
- Protection of nuclear assets
- Control of chemical reactions



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MIDDLE EAST

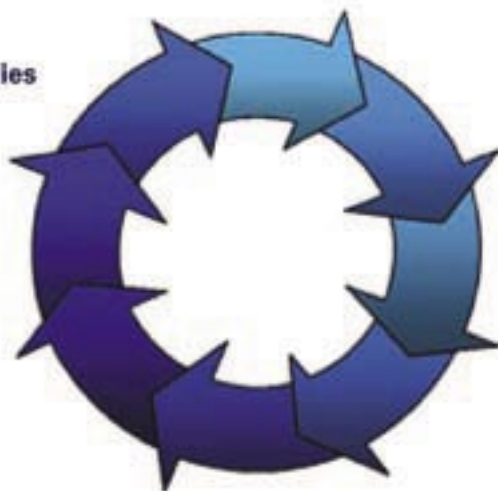
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High Integrity Control & Safety Solutions

Lifecycle Support Services

- ▶ Conceptual design studies
- ▶ User requirement development
- ▶ Project planning
- ▶ Functional design specifications
- ▶ Detailed design specifications



- ▶ Project hardware & software engineering
- ▶ Manufacturing & assembly
- ▶ Integration & testing
- ▶ Installation & commissioning
- ▶ Training & healthcare

Independent Integrator

Serck Controls projects are engineered to meet specific industry standards from IEC61508 for Safety through to GAMP for Pharmaceutical Plants. We can offer specialist advice from the Control Architecture through to the Safety System loop calculations on any process application from one project team. Our complete range of services span from individual design studies through to full execution of major projects.

performance. We have vast experience in assessing individual needs, then selecting and utilising the most appropriate 'best in class' SCADA, DCS, and PLC systems, combined with structured software development.

Safety Systems

We offer a comprehensive safety system service, ranging from the initial safety assessment and definition of SIL levels, right through to availability calculations for system and field device verification. Our unique certification allows us to engineer and deliver a complete range of systems platform independent, engineered in accordance with IEC61508 requirements.

Lifecycle Support Services

- Conceptual design studies
- User requirement development
- Project planning
- Functional design specifications
- Detailed design specifications
- Project hardware and Software Engineering
- Manufacturing and Assembly
- Integration and Testing
- Installation and commissioning
- Training and Healthcare

Control System

Correct implementation of a control system can be crucial to plant



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Management Information

Our customer requires data-delivered solutions precisely, accurately and timely. We offer customers an attractive range of MIS and Network solutions, which allow plant data to be integrated within the business system environment.

Design Services

Robust design is a prerequisite for successful projects. We can offer code and design review, through to FMEA's and HAZOP's. For safety critical applications we undertake reliability and SIL assessment.

Site Services

By acting as a CDM Principal Contractor we instil a health and safety philosophy in all our staff. Documentation is critical whether undertaking commissioning or validation services on live plant.

Committing to Client Imperatives

We have adopted a total lifecycle support concept, which is central to

our approach to customer service principles. No plant ever remains static – there may be capacity changes, plant improvements, new regulations and a host of other unforeseen circumstances to deal with. As a trusted process management partner, we offer a broad range of engineering services designed to help customers meet any challenges that may arise in the lifecycle of their plant. Our skilled and experienced teams offer a comprehensive range of support services to at any level of customer requirements.

24/7 Support

We are committed to providing integrated end-to-end service solutions and offer an extensive range of support services including:

- Remote Diagnostics
- Scalable Support Contracts
- Telephone Support
- In-house target Systems
- Third Party Support
- Legacy Systems Support
- Training



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