



Control, Instrumentation and Automation Engineering

GSE Systems has over 30 years' experience in providing instrumentation engineering and control engineering services to a variety of industries. In doing so, GSE has built up an established reputation in providing comprehensive solutions for all Control, Instrumentation and Automation requirements. GSE has successfully delivered a number of turnkey projects for DCS, PLC and SCADA systems based installations that include expansion, upgrade and migration and has provided bespoke automation systems from clients' concept to design and delivery.

We understand our clients' needs and the constraints they face in delivering successful projects involving Control, Instrumentation & Automation systems. These can include problems in Project Definition through to Project Delivery and GSE can offer support throughout all stages of the project lifecycle to avoid these occurrences. GSE can assist clients with their Concept Definition, and in turn the creation of User Requirement Specifications (URS) as a result of their broad knowledge at this stage of the project. In doing so, GSE can advise clients in Best Practice and Technology in order to ensure the highest quality cost-effective solution.

By taking a solutions-based approach to clients' problems, GSE works closely with clients aiming to ensure that their requirements are understood, and that the control systems engineering is designed and built to their specification.

Control, Instrumentation and Automation Systems

In industry, the measurement and control of plant and equipment is imperative if an operator wants to produce

the correct product at the required specification. With increased pressure on manufacturers to reduce costs and waste, a good control system offers the means to regulate and monitor operations and identify inconsistencies. To achieve this, a control system requires measurements in the form of instrumentation connected to it; making the correct instrumentation engineering and control engineering choice ensures the right measurement is recorded and longevity is maintained. If the level of skill or number of operators is a concern or consistency of manufactured product needs improvement, an automated system may be the answer, providing repeatability and consistency of tasks. Mundane and intensive tasks can also be addressed thereby freeing up valuable operator time to concentrate on more essential requirements for plant operation.

Why choose GSE Systems?

The skills and experience of GSE Systems engineering staff ensure that our clients have the degree of knowledge required for today's engineering challenges. They have extensive experience in the provision of Control, Instrumentation & Automation solutions, across a wide variety of industries and sectors. They are employed predominantly from Chemical, Petrochemical and Oil & Gas industries, and as such can relate to the environments where these projects are delivered. Staying abreast of new technology ensures that clients always have the best available technology.

