



Think!...

Safety, Integration & Automation

...and take control



Specialists in Integrated Control, Automation and Functional Safety System Designs

- Machinery Risk Assessments and safety requirement definitions to BS EN-12100.
- Functional safety system design and validation to BS EN 62061 / 13849-1.
- Standard and Failsafe PLC system upgrades with full software re-write, tailored to specific requirements.
- Specialising in Siemens S7-1200 / 1500 TIA Portal Upgrades.
- Electrical schematic designs.
- Profibus, Profinet / Profisafe, AS-i, AS-i Safe, ET200 SP, HMI design and Full SCADA systems.
- Full Turn-key solutions from concept to installation and Commissioning.
- TUV Certified FSPProfessional in Automation - ID. TA14030295.

For detailed examples of our work, please see the
"Case Studies" section of our website.

FSCP
TUV SÜD
www.tuv-sud.com

FSP Professional
Automation
ID. TA14030295



Unit W20, Lenton Boulevard
Lenton Business Centre
Nottingham NG7 2BY
Telephone: 0115 9788288
info@csengltd.co.uk





- **Innovative Control Specialists**
- **Modernising Systems for the future of your Industry**



Why choose CSE? Why are we different?

CSE can develop and modernise old systems to the latest technologies, implementing process improvement and reducing engineering downtime maintenance.

We discuss current plant operations, what can be improved, what could be more operator friendly and monitor plant data analytics to improve manufacturing processors.

CSE can also look at ways how you can incorporate the latest drive solutions to improve on plant efficiencies to reduce energy costs / carbon footprint.

We can also implement instrumentation devices that can improve plant quality and manufacturing control whilst giving full plant diagnostics and product usages.

All of this is saving on manufacturing costs, improving product quality and bringing investment back into YOUR business.



Who are we and what do we do?

CSE are unique as an integrator, as we are one of a few companies who can fully implement any turn key solution from inspection, design , build, commission & install.

We are based in Nottingham with over 30 years experience in the industry, are "Safe Contractor" approved and are fully TUV certified FSP Professional in Automation Design - Registered ID.TA14030295, and can carry out *Risk Assessments* to the latest Machinery Risk Assessments and safety requirements to BS EN-12100 along with Functional Safety System design and validation to BS EN 62061 (SIL) & BS 13849-1 (PI) Standards.



Specialising in Siemens latest technologies, S71200, 1500, ET200SP, Asi, Asi Safe, Profibus, Profinet and are able to modernise all existing technologies from S5, S7200, 300 & 400 Systems. HMI and Scada visual programming also.



Customer Profile - Knowing a Integrator you can trust





Where to find us?

LinkedIn

Lenton Boulevard

NG7 2BY

info@csengltd.co.uk