Systems | Instrumentation | Valves

Cross Process Solutions supports customers throughout the entire lifecycle of their plant operations. From design and specification, to startup and operations, to repair and maintenance, Cross' team of engineers and technicians can support your control system, connected devices, instruments, and valves to help reduce risk and increase efficiency to help keep your plant running safely.
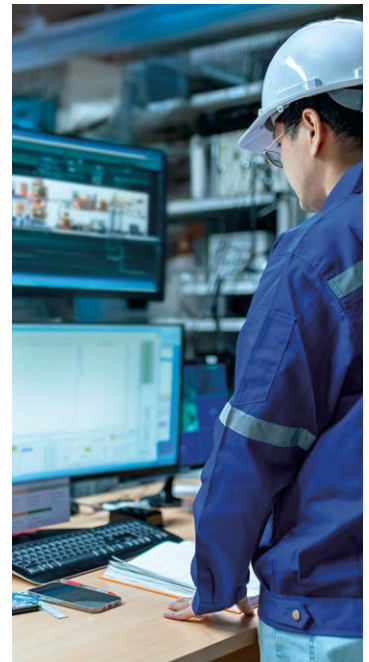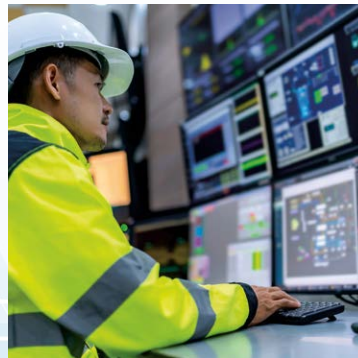
Systems Integration

- Do you have a legacy DCS or PLC platform that is obsolete and no longer supported by the manufacturer?
- Are you adding an expansion to your current facility and need an integration team to tie-in new DCS or PLC systems?
- Are you looking for assistance with a process addition to an existing control system including documentation such as a functional design and detailed design specifications?
- Do you need control panel design and fabrication? We have a dedicated UL508A panel shop!

Legacy Platform Migration
- Siemens/Moore APACS
- Siemens S5 or S7-300 series PLCs
- Allen-Bradley PLC/5 and SLC 500 series PLCs
- Rosemount RS3
- Fisher Provox
- Bailey NET90 and INFI90
- Modicon Quantum PLCs
- TI 555 series PLCs
- Wonderware, iFIX, RSView, WinCC, Iconics HMI upgrades

New Platform Implementation
- Siemens PCS 7 and S7
- Rockwell Logix platforms
- Emerson Delta V
- ABB 800 XA platform
- Honeywell HC900
- VTScada & Ignition SCADA

CROSS® PROCESS SOLUTIONS

csia CERTIFIED

A Proven Methodology

Cross Process Solutions has developed a comprehensive CSIA-certified process for integrations, both new and legacy migrations. It is this methodology, along with our technical expertise and outstanding customer service, which lead customers to trust Cross with their integration projects. In fact, many of our customers have been working with us for multiple projects spanning many years.

Core Capabilities

- Front-end engineering and design (FEED) and control migration studies
- Functional Design and Detailed Design Specifications
- Unit specification and validation documentation for the life sciences industry
- Full DCS/PLC/HMI programming services
- UL508A control panel design, assembly, and Factory Acceptance Testing
- Startup and project management services
- Continued onsite and remote support with a dedicated service team

CSIA-certified means that Cross has met the high standards set by the Control System Integrators Association (CSIA). This signifies our expertise in designing, implementing, and maintaining automation systems and demonstrates proficiency in project management, quality assurance, and overall business practices.

Panel Building Capabilities

Cross Process Solutions is a UL 508A certified panel and integration shop where we build PLC and HMI-based systems for a variety of applications. UL 508A certification means that inspectors conduct periodic checks of our facilities to ensure that you receive the highest quality products. Our range of projects includes:

- Access & Starter Control Panels
- BAS Utility Control Panels
- Process Instrumentation Panels
- Motor Control (MCC) Panels
- Operator Interface Panels
- DCS & PLC Panels for all manufacturers
- VFD, Pump or Replay Control Panels

Instrumentation and Ongoing Engineering Services

Our dedicated team of Service Technicians provides startup and commissioning services on instrumentation at our customers' sites. We also perform onsite flow verifications and gas detection calibrations.

Our Service Engineering team also works remotely and onsite to provide troubleshooting and repair services for DCS, PLCs, HMIs and SCADA systems. We can help program new products or processes and refine existing ones, including:

- Loop checks and system updates
- Equipment integration
- Control element integration