

# CROSS® PROCESS SOLUTIONS - SERVICE PROGRAM

## Systems | Instrumentation | Valves

Our service team includes service engineers and service technicians with extensive training, certifications, and years of hands-on experience. Cross is here to support your needs through the entire industrial process lifecycle from conceptualization through implementation, as well as long term operation and optimization of your process. We can help keep your plant running safely!

### Audits & Surveys

The first step in improving your process is understanding exactly what you already have and how it is functioning. We can help to document your current environment and make recommendations on what may represent an issue or risk.

- Tank Optimization Surveys: An audit of every accessory on every tank
- Flow surveys allow you to know which of your permanent flow meters are measuring correctly and which may need to be replaced. They can also help double-check that the utility bill you are receiving is accurate.
- Network assessments: Evaluation and troubleshooting of PLCs, HMIs, Drives, and other control system equipment and functionality.

### Control Systems

Cross Process Solutions works with all types of PLCs and HMIs to provide:

- Troubleshooting
- Modifications
- System updates
- System upgrades

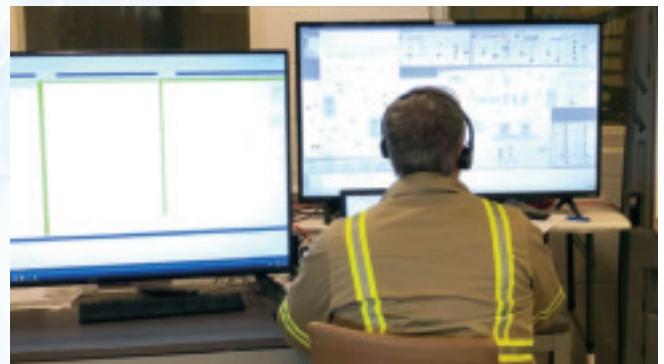
### Start-Up & Commissioning

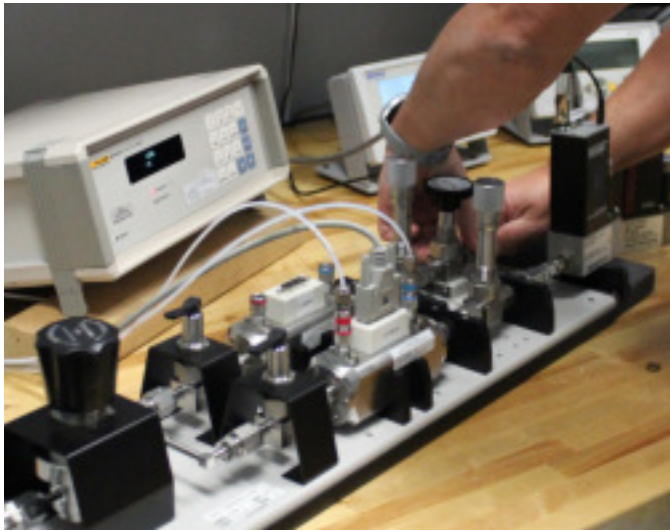
Not only can PSG help you specify and purchase the right equipment for your process application, but we make sure that it's installed and running correctly in your facility. We can help with:

- Flow meter start-up and commissioning
- Gas detection start-up
- Steam System start-up
- Analytical and instrumentation equipment start-up

Here's what we do to get you started:

- Configuration
- Loop checks
- Field troubleshooting
- Field calibration using NIST-traceable standards with as-found and as-left data
- Asset management data storage





## Calibration

We offer a broad scope of ISO 17025 accredited calibration services to make sure you are getting the most accurate measurement data.

- Thermal mass flow meters and controllers
- Pressure and vacuum gages
- Gas detection calibration
- 4-20, HART and Fieldbus calibrator
- Thermometers, RTDs and thermocouples
- pH and conductivity
- Weight and scale calibration
- Force calibration

## Repair & Preventative Maintenance

To ensure the safety of your team and your facility, keeping your equipment in optimal condition is critical. This includes both regular maintenance as well as repairs. We have highly trained service technicians available to maintain and repair your equipment including:

- Low-pressure relief valves and vents
- Flame banks
- Blanket gas regulators
- Pilot operated valves
- Ball valves
- Butterfly valves
- Actuators

Our team offers a variety of support options to fit your specific needs.

- Cross Service Facilities include a certified GARD Center for low-pressure valve, vent, and regulator repair, a UL508A Panel Shop, multiple ISO17025 calibration labs, and a full valve automation center to create custom valve assemblies to your specifications.
- Remote Support is the fastest way to get your operation back up and running. However, corporate IT security policies vary greatly, so we offer options that provide a robust technology designed to work seamlessly within your corporate security standards. Regardless of your specific security protocol, we can access remotely 24/7 for a rapid response and minimal downtime.
- Service Contracts: Cross Process Solutions has a dedicated team of engineers that are devoted to supporting the service needs of our customers. An Annual Service Agreement provides assurance that a Cross Associate will be available to get you back up and running and help your facility maintain production goals.
- Embedded Control System Services: If you have a complex operation that requires ongoing onsite support, a Cross Associate can work full time in your facility providing maintenance, troubleshooting, and other operational support.

