

## Why Control Southern?

Manufacturers face extraordinary demands. Meet ambitious delivery goals while maintaining safety, quality and environmental compliance. There's little room for error. Even less for downtime. Control Southern understands the challenges you face and offers expertise born of experience. Since 1956, we've supported industry in the Southeast with a continually expanding range of product and service offerings: automation, engineering, reliability, training, services and valves & instrumentation. Regardless of the industry you're in, we're ready to help you succeed.

### BENEFITS BY SOLUTION



**Automation** Optimizing machinery and processes is critical to automation enterprise. Manufacturing needs a proven partner for quality solutions and services to help fine-tune operations and keep production at peak performance.



**Engineering** Adapting to new technologies, safety standards and processes — while still maintaining profitability — can be challenging. Across all development phases, from concept through planning, implementation, production and ongoing operation, our highly experienced project managers work to ensure compliance and ease of operation.



**Reliability** Excessive interruptions and preventable failures will increase costs and lower production. Whether you already have a reliability program or are investigating asset monitoring, Control Southern provides a full solution from diagnostic technology to plant-wide reliability consulting.



**Services** Control Southern offers 24-hour emergency on-demand services in addition to preventative maintenance, lifecycle management, outage management, and depot repair for your assets. Our goal is to help you maximize your investment through the development of a long-term plan to minimize downtime, reduce cost of ownership, and extend product duration.



**Training** Whether you are just starting your career or a seasoned professional, our process control training courses help keep your equipment and processes running efficiently. From interactive courses on product and system design theories to application-specific product selection, you'll learn to troubleshoot issues in the classroom to help prevent emergency situations in the field.



**Valves & Instrumentation** Your plant processes require repeatable, reliable and accurate control. That's why we provide top-tier valves and instrumentation from leading manufacturers, as well as custom-engineered valve and instrumentation packages. We also maintain a large inventory of new valves, actuators, regulators, accessories and OEM replacement parts available for immediate shipment.

### We proudly serve these customers and many more:

Pulp & Paper • Power • Chemical  
Oil and Gas Distribution & Transmission  
HVAC • Refining • Life Sciences • Mechanical Contractors  
Food & Beverage • Metals & Mining • OEMs • EPCs

For more information, please contact us: 770-495-3100  
info@controlsouthern.com | www.controlsouthern.com

### Automation

- DeltaV Distributed Control System
- Wireless Positioners & Switchboxes
- Remote Operations Controllers (RTUs)
- PLC Programming, Integration and Modernization
- Construction Management
- I/P Transducers, Switches, Position Transmitters
- DCS Expansion and Modernizations
- FlowScanner



### Engineering

- DCS Configuration and Modernization
- Emergency On-Site Support
- E&I Engineering
- IT Engineering and Support
- Preventative Maintenance
- Hotfix and Patch Services
- Dell Certified Support
- Virtual DCS Support
- Hardware and Software Upgrades
- PLC Programming
- Network Design
- Cyber Security
- Bus I/O Design
- Resident Engineering

### Reliability

- AMS Suite
- Machinery Health Management
- Asset Health Monitoring
- Online Machinery Solutions
- Local Vibration Analysis
- Local Engineering Support
- Vibration Sensors
- Vibration Sensor Marshalling Junction Boxes



### Wireless

- Sensors & Transmitters
- Discrete & Position Monitoring Solutions
- Wireless Network Design
- Smart Wireless Gateway and THUM Adapter
- Control Equipment
- Radios & Antenna



## Services

- PSM Compliant
- 24/7 On-Call Availability
- Priority Service Contracts
- Certified Automation Center
- Crosby & Anderson Greenwood OEM Replacement Parts
- Exclusive EIM OEM Parts & Service
- Valve Leakage Testing for Cycle Isolation
- National Board VR Repair Certificate Holder
- Turnaround & Outage Management Services
- Crosby & Anderson Greenwood Factory Trained & Certified Technicians
- Full Machine Shop & Hydrostatic Test Benches
- Encore: Fisher Certified Remanufactured Valve & Instrument Program
- Authorized Field/Shop Repair & Calibration of Valves, Actuators & Field Devices



## Training

- Loop Tuning
- Valve Technician I & II
- Instrument Technician
- Gas Control Conference
- Gas Regulator Technician
- Control Valve Engineering I & II
- Gas Regulator Troubleshooting
- Introduction to Process Control
- FlowScanner Data Acquisition and Interpretation
- FIELDVUE Digital Valve Controller Setup and Diagnostics



*This list is not exhaustive. For information about additional courses or training delivery options, please contact [info@controlsouthern.com](mailto:info@controlsouthern.com) or visit [www.controlsouthern.com](http://www.controlsouthern.com)*

## Valves & Instrumentation

### Flow Control

- Globe, V-Ball, Rotary Eccentric Plug & Butterfly Valves
- Severe Service Solutions: Cavitrol, Whisper, DST Trim
- Severe Service Desuperheater, Steam Conditioning, TBX
- Positioners, FIELDVUE™ HART & FOUNDATION Fieldbus Digital Valve Controllers
- Baumann Compact & Lightweight Precision Control Valves and Sanitary Control Valves
- Electropneumatic Transducers, Position Switches & Transmitters, Volume Boosters
- Vent and Line Silencers



### Instrumentation

- Toxic & Combustible Gas Detection Sensors & Transmitters
- Ultrasonic Gas Leak Detectors
- Pneumatic and Electropneumatic Positioners
- Pressure Reducing Regulators
- Electropneumatic Controllers/Motors
- Relief/Backpressure Regulators
- Manifolds/Changeover Regulators
- Optical Flame Detectors
- Natural gas, steam, air, sanitary, tank blanketing, pressure relief and reducing regulators
- Float, inverted bucket, thermodynamic, and thermostatic Bimetallic Steam Traps
- Accessories



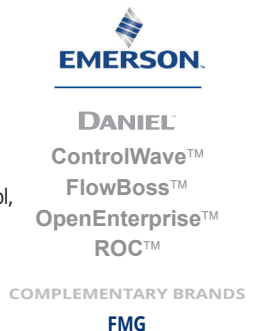
### Isolation Valves

- Resilient Seat, Double and Triple Offset Butterfly Valves
- Lined High-Performance Plug, Ball, Butterfly & Check Valves
- Reduced and Full Port Floating Ball Valves
- Metal Seated Ball Valves
- Parallel Slide Gate Valves
- High-Pressure Ball, Gate, Globe, & Check Valves, ANSI 900-4500
- High-Performance Knife Gate Valves
- Pinch Valves: Manual & Automated, General & Custom Service
- Power & Root Valves, Direct Mount Systems/Instrument Manifolds
- Line Blind Valves
- Trunnion Ball Valves
- On/Off & Shutoff Valves
- Sampling Valves
- Plug Valves



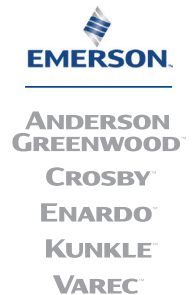
### Flow Measurement and Control

- Bristol ControlWave
- Emerson Remote Automation Solutions
- Liquid Flow Measurement: Flow Metering, Flow Control, Batch Controllers, Control Valves
- Gas Flow Measurement: Orifice Metering, Turbine Meters, Ultrasonic Meters, Gas Analyzers, Flow Computers, Metering Supervisory Systems



### Overpressure Protection

- Explosion Vents
- Flame & Detonation Arrestors
- Vacuum Relief Valves
- Emergency Relief Vents
- Tank Hatches and Vent Valves
- Process Pressure Relief, Steam Safety & Specialty Pressure Relief Valves
- ASME V & UV Assembler for Crosby and Kunkle
- ASME UV Assembler for Anderson Greenwood



### Valve Automation

- Stainless Steel Actuators
- Pneumatic Vane-Type Actuators
- Electric Actuators
- Electro-Hydraulic Actuators
- Rack and Pinion Actuators
- Solenoid Valves, Position Transmitters, & Limit Switches
- Digital, Electropneumatic & Pneumatic Valve Positioners



### Custom Skid Solutions

- Packaged Systems Engineering and Integration
- Fabricated System Solutions

The items and suppliers listed here represent only a sample of the products available as distributed items or as part of complete automated valve assemblies through Control Southern. We engineer and deliver complete valve assemblies with components from numerous top-line vendors.