Why Control Southern?

Manufacturers face extraordinary demands. You must continually do more with less. Trim labor costs. 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.

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

FEATURED PRODUCTS & BRANDS (more on back)

Automation

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

Engineering

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

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

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.

Wireless

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

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.

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, connecting you with parts, service and advice, at our facility or yours. We can help you develop a long-term plan to minimize downtime, reduce cost of ownership, and extend product duration.

Training

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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

Valves & Instrumentation

Flow Control
• Globe, V-Ball, Rotary Eccentric Plug & Butterfly Valves
• Severe Service Solutions: Cavtrol, Whisper, DST Trim
• Severe Service Desuperheater, Steam Conditioning, TBX
• Positioners, FIELDVUE™ HART & FOUNDATION Fieldbus: DVCs
• Baumann Compact & Lightweight Precision Control Valves and Sanitary Control Valves
• Electropneumatic Transducers, Position Switches & Transmitters, Volume Boosters

Isolation Valves
• Resilient Seat, Double and Triple Offset Butterfly Valves
• Lined High-Performance Plug, Ball, Butterfly & Check Valves
• Reduced/Full Port Floating Ball Valves
• Metal Seated Ball Valves
• Parallel Slide Gate Valves
• High-Pressure Ball, Globe, & Check Valves, ANSI 900-4500
• High-Performance Knife Gate Valves
• Solenoid Valves, Position Sensors, & Limit Switches
• Digital & Electropneumatic Valve Positioners
• Pinch Valves: Manual & Automated, General & Custom Service
• Power & Root Valves, Direct Mount Systems/Instrument Manifolds
• Line Blind Valves
• Trunnion Ball Valves

Valve Automation
• Stainless Steel Actuators
• Pneumatic Vane-Type Actuators
• Electric Actuators
• Electro-Hydraulic Actuators

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
• On/Off & Shutoff Valves
• Optical Flame Detectors
• Natural gas, steam, air, sanitary, tank blanketing, pressure relief and reducing regulators
• Bimetallic Steam Traps
• Accessories

Flow Measurement and Control
• Bristol ControlWave
• Emerson Remote Automation Solutions
• Liquid Flow Measurement: Flow Metering, Flow Control, Batch Controllers, Control Valves

Overpressure Protection
• Explosion Vents
• Flame & Detonation Arresters
• 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

Custom Skid Solutions
• Packaged Systems Engineering and Integration
• Fabricated System Solutions

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 or visit www.controlsouthern.com

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