

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.

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 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

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



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



IACET Authorized Provider

Training courses include:
AMS Device Manager
and DeltaV

This list is not exhaustive. For information about additional courses or training delivery options, please contact info@controlsonthern.com or visit www.controlsonthern.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: DVCs
- Baumann Compact & Lightweight Precision
Control Valves and Sanitary Control Valves
- Electropneumatic Transducers, Position Switches &
Transmitters, Volume Boosters



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



ASCO FISHER
ROSEMOUNT TESCOM
TOPWORX

COMPLEMENTARY BRANDS
Advanced Micro Instruments, Inc.
Aether DBS
Bruest
Parker PGI
Welker®
WIKAR®

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



FISHER CLARKSON
FASANI FCT
KEYSTONE KTM
NEOTECHA RAIMONDI
SEMPELL VANESSA
VIRGO VONK
YARWAY

COMPLEMENTARY BRANDS

AZ Armaturen
Cera Valve®
ChemValve®
FluoroSeal
Krombach
Technology
Newco®
Newmans®
Sammi Machinery
SlurryFlo®
SwissFluid
Trueline®
Velan



ASCO BETTIS
BIFFI EIM
EL-O-MATIC KEYSTONE
FieldQ™ Morin™

COMPLEMENTARY BRANDS

ACTREG
Act-Smart™
Cameron
Kinetrol
MEA
Pratt® Industrial
PULSCO
QTRCO
TRIAC Controls
TURCK
UniTorq
Versa® 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



DANIEL
ControlWave™
FlowBoss™
OpenEnterprise™
ROC™

COMPLEMENTARY BRANDS

FMG

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



ANDERSON
GREENWOOD™
CROSBY
ENARDO
KUNKLE
VAREC

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.