

## Why Control Southern?

Manufacturers face extraordinary demands to 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.

### Valves & Instrumentation

#### Flow Controls

- Control Valves: Globe, V-Ball, Rotary Eccentric Plug & High Performance Butterfly Valves
- Severe Service Solutions: Cavitrol, Whisper Trim, Dirty Service Trim
- Steam Conditioning Products: Desuperheaters, Turbine Bypass Valves, Spray Nozzles, Atomizing Steam Nozzles
- Positioners: FIELDVUE™ HART & FOUNDATION Fieldbus Digital Valve Controllers
- Profibus
- Baumann General Service and Sanitary Control Valves
- Electropneumatic Transducers, Position Switches & Transmitters, Volume Boosters
- Vent and Line Silencers
- Noise Attenuation
- Valve Condition Monitoring

#### 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
- Sanitary Valves
- Trunnion Ball Valves
- On/Off & Shutoff Valves
- Sampling Valves
- Plug Valves

#### Valve Automation

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



**FISHER  
BAUMANN  
YARWAY**

COMPLEMENTARY BRANDS

**PULSCO**



**FISHER AEV  
CLARKSON FASANI  
HANCOCK KTM  
KEYSTONE NEOTECHA  
RAIMONDI SEMPELL  
VANESSA YARWAY**

COMPLEMENTARY BRANDS

**AZ Valve ChemValve®  
Krombach Armaturen** **SwissFluid Trueline®  
ValvTechnologies**



**ASCO BETTIS  
BIFFI EIM  
KEYSTONE SHAFER  
TOPWORX Morin™**

COMPLEMENTARY BRANDS

**ACTREG MEA  
Act-Smart™ QTRCO  
Kinetrol Versa® Valves  
Westlock Controls**

#### Instrumentation

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

#### Flow Measurement and Control

- FB1000/2000/3000 RTU
- Emerson Energy and Transportation 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

- Flame & Detonation Arrestors
- Vacuum Relief Valves
- Emergency Relief Vents
- Tank Hatches and Vent Valves
- Process Pressure Relief, Steam Safety & Specialty Pressure Relief Valves
- Safety Selector Valves
- Asset Monitoring
- Automatic Recirculation Control Valves
- Sight Glass - Level Gages
- Gagecocks
- Steam Traps
- Jet Pumps - Educators
- 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

*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.*



**FISHER ROSEMOUNT  
TESCOM**

COMPLEMENTARY BRANDS

**Advanced Micro Instruments, Inc.  
Aether DBS  
Apollo Engineering  
Bruest Velan  
Parker PGI Welker®  
WIKAR®**



**ROSEMOUNT  
ControlWave™  
FlowBoss™  
OpenEnterprise™  
ROC™**

COMPLEMENTARY BRANDS

**FMG**



**ANDERSON  
GREENWOOD  
CROSBY  
ENARDO  
KUNKLE  
VAREC**

## Services

- 24/7 Emergency Service
- Mobile Trailer & Valve Shop Capabilities
- Pressure Relief Valve Services
- Valve and Actuator Repair Services
- Asset Optimization/Pool Program
- MOV Diagnostics Program
- Relief valve Bad Actor review
- Sight Glass repair
- Product and Replacement Part Inventory
- ASME Certified
- National Board-Certified test and repair
- Emerson Premier Service Provider: Evaluation, Repair, Configuration, and Recertification for all Emerson Valves
- Member of Valve Repair Council
- Turnaround & Outage Management Services
- Encore: Fisher Certified Remanufactured Valve & Instrument Program



National Board  
VR, V, UV, T/O Certified

## 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** Navigating new technologies, safety standards, and processes presents challenges. Our seasoned project managers ensure compliance and smooth operation across all project stages, from concept to planning, implementation, production, and ongoing operation.



**Reliability** Unnecessary interruptions and avoidable failures escalate costs and hinder production. Whether you have an existing reliability program or are exploring asset monitoring, we can offer comprehensive solutions encompassing diagnostic technology and plant-wide reliability consulting.



**Services** Providing 24/7 emergency services and proactive maintenance, we manage asset lifecycle, outages, and depot repairs. Our objective is to optimize your investment by crafting a long-term plan that minimizes downtime, lowers ownership costs, and extends product lifespan.



**Training** Our process control training ensures efficient equipment and processes for beginners and experienced professionals. Explore interactive courses covering design theories, product selection, and troubleshooting techniques. Attend at your facility or ours.



**Valves & Instrumentation** We offer top-tier valves and instrumentation from leading manufacturers, along with custom-engineered packages. Our extensive inventory allows immediate shipment of new valves, actuators, regulators, accessories, and OEM replacement parts.

## Automation

- DeltaV Distributed Control System
- Remote Operations Controllers (RTUs)
- PLC Programming, Integration and Modernization
- Construction Management
- DCS Migrations and Modernizations
- Installations & Upgrades
- Cyber Security Threat Detection
- Data Analytics



## Engineering

- DCS Design
- PLC Design 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
- Network Design
- Cyber Security
- Data Analytics
- Reliability
- Systems Lifecycle Planning and Managed Service Contracts

## Equipment Reliability

- AMS Suite
- Machine Works
- Machinery Health Management
- Asset Health Monitoring
- Edge Analytics
- Online Machinery Solutions
- Local or Remote Vibration Analysis
- Local Engineering Support
- Vibration Sensors
- Vibration Sensors & Marshalling Junction Boxes



## Wireless & Cloud Hosted Software Applications

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



## Training

- Valve Technician I & II
- Instrument Technician
- Gas Regulator Technician
- Control Valve Engineering I & II
- Introduction to Process Control
- Actuation Introduction, Maintenance and Field Service
- Relief Valve Training
- 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)*

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