Southern Automation Solutions

About Us

Southern Automation Solutions is a control systems integrator. We have over 19 year's experience in the automation and controls industry. We can support the hardware and software of your entire automation layer with applications such as PLC's, HMI's, Scada, drives, instrumentation, and MES. We offer 24/7 support for emergency breakdowns as well as planned automation projects. Anything from the addition of a single sensor to an entire control system upgrade. Our UL 508A Listed panel shop can build any size panel you require. We can also provide service contracts that are custom built to support the needs of your facility. Our focus is on process improvements to boost your plants efficiency by increasing machine performance, reducing downtime, and cutting waste.

A few examples of the applications we support include:
- Conveyor system logic optimization
- Process/PID tuning
- Obsolete automation equipment upgrades to prevent excessive downtime due to failure
- Operator interface upgrades to reduce operator response time and present data in a clear easy to understand layout
- Production data analysis applications and reporting tool improvements so you can easily identify gaps in production and focus on areas that need attention
- Vision systems for quality controls inspections
- Automation project consulting

We have extensive experience in a variety of industries including:

- Pulp / Paper
- Food and Beverage
- Water Processing and Wastewater
- High Speed Manufacturing
- Bottling / Packaging
- Chemical Processing

📞 (229) 563-2897

✉ info@SouthernAutomationSolutions.com

📍 111 A Hemlock St.
Valdosta, GA. 31601

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Services
- 24/7 onsite and remote support
- Control systems hardware and software upgrades
- PLC and HMI programming
- SCADA development and maintenance
- UL 508A Panel Building
- VFD commissioning and troubleshotting
- Industrial network configuration and troubleshooting
- Instrumentation startup and troubleshooting
- Data Collection for MES integration or production reporting
- Automation project consulting
- Site obsolescence audits
- Service support contracts

Systems

PLC
- Allen-Bradley PLC 5, SLC 500, Controllogix
- Siemens S7-300, S7-400, S7-1200, S7-1500
- Automation Direct

HMI
- Allen-Bradley Panelview, FTView Studio, Pane
- Automation Direct
- Siemens Comfort Panel

SCADA
- Wonderware
- GE iFix
- Rockwell FTV SE
- Ignition

Drives
- Allen Bradley
- Yaskawa
- Indramat
- Danfoss
- Siemens

Instrumentation
- Endress+Hauser
- Rosemount