



**SPECIALIZED**  
INDUSTRY SOLUTIONS, LLC

621 East 15<sup>th</sup> Street Suite A  
Cookeville, TN 38501  
(931)520-1405 ph (931) 525-1451 fax  
[www.specializedindustry.com](http://www.specializedindustry.com)

## Electrical / Controls Contract Services

Controls contract services are immediately available to our customers and can consist of **simple consultation, partial or full controls system design, controls system build, automation (PLC and HMI) programming, robotic programming**, and even **maintenance/emergency controls support**. These services are offered at rates shown below.

Additional services which are immediately available include **modifying, upgrading, and/or replacing human-machine interface (HMI) panels** on equipment that is currently in production or has been temporarily disabled. The same service is offered for machine PLC platforms as well.

SIS can also provide **controls component integration services**. This service assumes reutilization of existing electrical / controls designs, electrical / controls hardware and software, PLC programs, and HMI programs. Please note some mechanical modifications to the existing machine may be required at the time of integration which will either be quoted to you prior to service work performed or at the time of discovery during the integration phase. The following items are typical (but not mandatory) for this service:

- 1.) Procurement of a desired controls component (barcode reader, sensors, etc)
- 2.) Complete controls design utilizing current customer designs
- 3.) Complete PLC program changes/modifications
- 4.) Complete HMI program changes/modifications (if applicable)
- 5.) Integrate controls component and confirm operation based on contract agreement

If you desire to **optimize usage of existing production equipment**, SIS can visit your facility, consult with your technicians/engineers, and evaluate current and up-to-date electrical / controls schematics in an effort to minimize machine cycle time. Subsequent to the evaluation, SIS will implement the necessary changes and debug the machine on your floor.

SIS has controls experience with several PLC brands including but not limited to *Allen-Bradley, Omron, Mitsubishi, Siemens, GE, and Automation Direct PLC*. Practically any communication network or I/O network you require can be accommodated whether it be serial (RS422/485/232), devicenet, ethernet, DH485, DH-Plus, CC-Link, MELSEC, Profibus, ASi, universal remote I/O, or others.

Specialized Industry Solutions can also provide **consultations focused on specific safety concerns** that you may be experiencing with current equipment. Subsequent to SIS's evaluation, a quotation for rectifying the safety concern will be submitted for your approval prior to any work performed by SIS personnel.

## **Controls Contract Service Rates**

Normal Business Hours (Monday-Friday) 6:00AM-6:00PM

\$75.00 per hour for scheduled work (1-week notice minimum)\*

\$85.00 per hour for unscheduled work\*

Weekend or After Business Hours 6:00PM-6:00AM

\$115.00 per hour for scheduled work (1-week notice minimum)\*

\$150.00 per hour for unscheduled work including SIS-paid holidays (emergency rate)\*\*

\* These controls contract service rates have a minimum 4 hour charge in addition to travel costs plus expenses incurred at 10% markup.

\*\* This controls contract service rate has a minimum charge of \$750.00 (5 hours) due to the unpredictability of service request. This service is considered our "emergency service rate".

Please note Pre-Purchased Blocks of Hours (at \$65.00 per hour) can be purchased in multiples of 50 hours (e.g. 50, 100, 150, etc). These must be used within a 12-month period from the initial date of purchase. Travel costs and expenses with 10% markup are applicable and will be charged at the time of work requested.

**Ron Smith** – Controls Engineer / Contract Provider

(931) 520-1405 extension 14 office

(931) 261-0563 cell

[rons@specializedindustry.com](mailto:rons@specializedindustry.com)

## **General Automation Services**

From lean manufacturing cells to turnkey automatic assembly machines, Specialized Industry Solutions (SIS) can meet your unique assembly and/or test requirements. Beginning with a customer-driven project management system, the SIS team will work hand in hand with you the customer to ensure schedule, budget, and performance goals are met. SIS uses the latest technology and components from leading manufacturers, emphasizing a commitment to quality and support from concept to project completion.

SIS's core competency or industry focus consists of **design, build, and integration of custom tooling, fixtures, and automation**. In addition, SIS offers **build-to-print services, machine retrofit, manufacturing consultation**, and **electrical/controls contract services** (as described above).