



Open Position - Controls Engineer

Basic Function: Responsible for the design, development, implementation and testing of complete machine control systems.

About SencorpWhite: SencorpWhite is an industry-leading designer and manufacturer of advanced logistic systems, thermoformers, sealing machines, and inventory management software. We offer customized solutions with in-house engineering, design and manufacturing capabilities, on-site maintenance, and service with field service engineers located throughout the United States.

Primary Duties and Responsibilities:

- Design automation controls systems including power distribution, SCCR requirements, digital and analogue I/O requirements, and motion control systems.
- Program PLCs, HMIs, and Motion systems
- Develop knowledge of customer application requirements and propose equipment controls design to satisfy those requirements.
- Complete design, test and implementation of industrial automation systems.
- Prepare necessary documentation including wiring schematics, assembly drawings, bills of material and panel machining drawings.
- Interface with Manufacturing to ensure equipment conforms to engineering design and customer specification.
- Participate, in conjunction with sales staff, in sales presentations at SencorpWhite or the prospect's location as required.
- Maintain complete and accurate records of all relevant information, by project.
- Adhere to all safety and standard operating procedures.
- Assist with the operation of manual documentation as it relates to the controls.
- Perform Safety Risk Assessment and design control system in accordance with results.

Education and Experience:

- 5+ years' experience in implementing, optimizing and validating controls systems including PLC's and data acquisition systems.
- Machine safety system design
- Degree in Electrical Engineering or related discipline.
- AutoCAD experience
- Siemens TIA Portal (V16 or higher)
 - 1516 cpu
 - ET200 distributed IO
 - Profinet communication
 - Safety PLC
- Servo Drive
 - (Sinamics S120)
 - Commissioning and Control from PLC
- HMI Development
 - Comfort panel
 - TIA Portal programming
 - HMI Scripting of PLC to HMI communications
 - Recipe Handling

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\$500 Referral Reward for this position