



TITLE: Controls Engineer

JOB CLASSIFICATION: Exempt

DEPARTMENT: Draft/Design

REPORTS TO: Engineering Design Supervisor

SUMMARY/OBJECTIVE

Ensure Magnum Systems provides the best controls design/application experience for our customers and service personnel. The Controls Engineer will design, program, and test Magnum Systems' Industrial Automation Control Systems (IACS) for pneumatic transfer, packaging, and robotic integrated systems. The Controls Engineer will be involved with all aspects of specifying, designing, programming, and testing of the controls/automation systems. Travel between Magnum Systems' manufacturing facilities and to customer installation locations to assist Magnum Systems' Field Service Technicians or Project Managers on the more complex systems.

ESSENTIAL FUNCTIONS

- Assist Regional Sales Managers and Project Managers in the specifying and pricing of IACS. Assist Customer Service Professionals, Regional Sales Managers, Field Representatives on instrumentation and control system application and hardware questions.
- Design, program, and test control panels, logic, and graphics.
- Maintain and keep up to date on industry standards and latest product offerings.
- Meet with Project Managers, Sales Managers, Sales Reps, Customers, and Vendors on regular basis.
- Train Field Service Technicians on IACS for specific start up and trouble-shooting applications.

COMPETENCIES

- Project Management skills and understanding of managing priority levels of multiple stakeholders in a complex environment while delivering results in a timely manner are important.
- Must be able to work under general supervision or independently. Ability to work in both a team atmosphere and as a self-starter is a must.
- Critical-thinking skills. Able to proactively identify needs, predict obstacles, assess solutions, and communicate importance of accountability.
- Interpersonal skills. Must work closely with other departments, employees, customers, executive team, and vendors. Listening and providing an environment for open communication from all levels is critical.
- Detail oriented. Understands everything leaving our facility (including drawings, diagrams, letters, etc.) is a representation of the employees, company, and reputation. Must have concept of "big picture" when it comes to internal changes of policy or procedure.
- Continuous education driven. Looking to improve every day and leading by example.
- Maintains a high level of confidentiality.

Your integrated source for bulk material automation.

EDUCATION AND EXPERIENCE**Minimum Requirements:**

- BS Degree in Engineering, Industrial Technology, or related industrial control system field. A combination of work experience and certification(s) may be accepted in lieu of education.
- Experience with MS Office, Email, Adobe, AutoCAD/Inventor.

Preferred:

- Working knowledge of Rockwell Software, PLCs, HMIs, VFDs, and Industrial Robotic Programming.

SUPERVISORY RESPONSIBILITY

This position has no supervisory responsibilities.

TRAVEL

Must be willing to travel as needed.

OTHER DUTIES

This job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee for this position. Duties, responsibilities, and activities may change at any time with or without notice.