



**SPRING
AUTOMATION**



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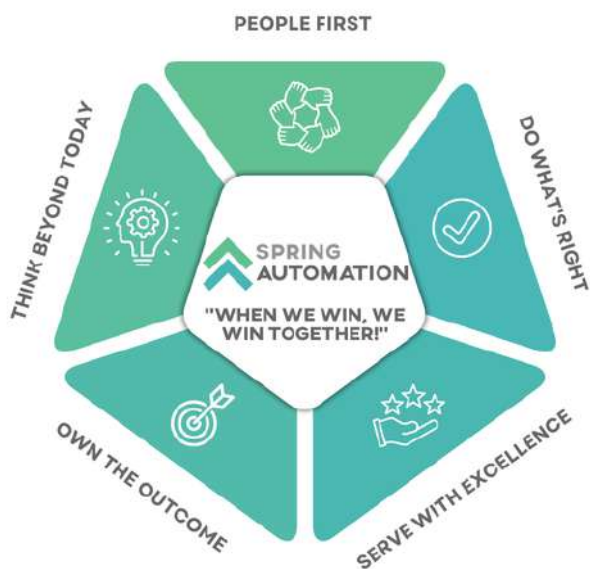


WHO WE ARE

Founded in 2015, Spring Automation has become a trusted partner to leading organizations in the material handling space. We started as a handful of controls engineers and have grown into a company that provides full, turn-key controls systems. Our experienced team understands our customers and works hard to deliver solutions adapted to their unique challenges.

OUR MISSION:

At Spring Automation, we are a family by our shared purpose: To Have Fun Building Legacies Together. We are a team that loves each other and what we do. We design and implement high-quality controls solutions. We strive for growth through diversification while maintaining a culture of teamwork and innovation. Whether we are serving our customers, community, or family, we take pride in everything we do. When we win, we win together.



INDUSTRIES



PARCEL

- High-Speed Sortation
 - PLC to WMS Integration
 - System Modeling & Emulation
-



WAREHOUSING & DISTRIBUTION

- AS/RS Infeed & Outfeed Conveyor Control
 - Pallet Conveyor Control
 - In-Line Weigh Scale Integration
-



E-COMMERCE

- Pick Module System Control
 - ID Tracking & Label Verifications
 - Camera & Barcode Scanner Installation
-



3PL

- ID Tracking & Error Reporting
 - Data Analytics & Reporting
 - Print & Apply Integration
-



FOOD & BEVERAGE DISTRIBUTION

- Freezer Applications
 - Wash-Down Environments
 - Food-Grade Design Specifications
-



MANUFACTURING

- Data Visualization
- Electrical Design
- Support Services

PLC PROGRAMMING

Whether a system is new or existing, quality PLC programming is a necessity for consistent and smooth operations. This requires creative thinking and an attention to detail. Your control system should be easy to maintain, easy to troubleshoot, and ready for future expansion. Controls solutions from Spring Automation offer our users that experience.

OUR STRENGTHS:

- Sorter Control
- Conveyor Control
- System Modeling & Emulation
- Hardware Agnostics Controls
- Seamless Hardware & Software Integration
- Short Commissioning Schedules
- Communication & Messaging with 3rd Party Devices



PLC control solutions from Spring Automation help end users in a wide range of industries. From new greenfield installations to leveraging previous investments through a retrofit, we have the controls covered.

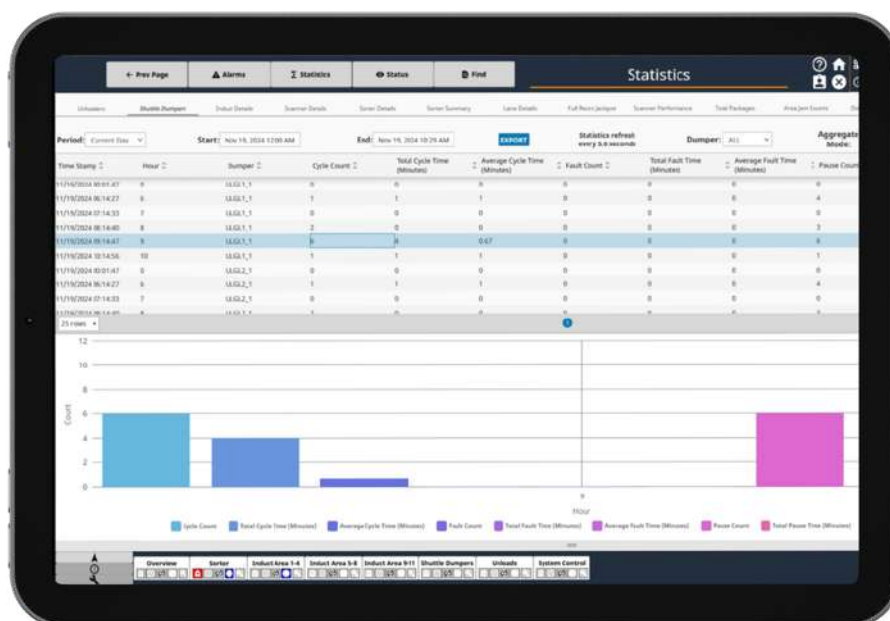


HMI & SCADA DEVELOPMENT

Whether you're monitoring regular operations or troubleshooting, an intuitive interface is essential to keep your system running smoothly. Our team specializes in creating both functional and visually appealing screens that enhance your system's performance and streamline your operations.

OUR STRENGTHS:

- Operator Friendly Interfaces
- Multi-Platform Experience
 - Allen Bradley
 - Wonderware
 - Proface
 - Indusoft
 - Inductive Automation Ignition
- Alarming & Safety
- Data Tracking & Logging
- Diagnostic Screens
 - Power Monitoring
 - Energy Consumption
 - Network Monitoring
 - I/O Status
 - Field Component Monitoring
- OEE (Overall Equipment Effectiveness) Reporting

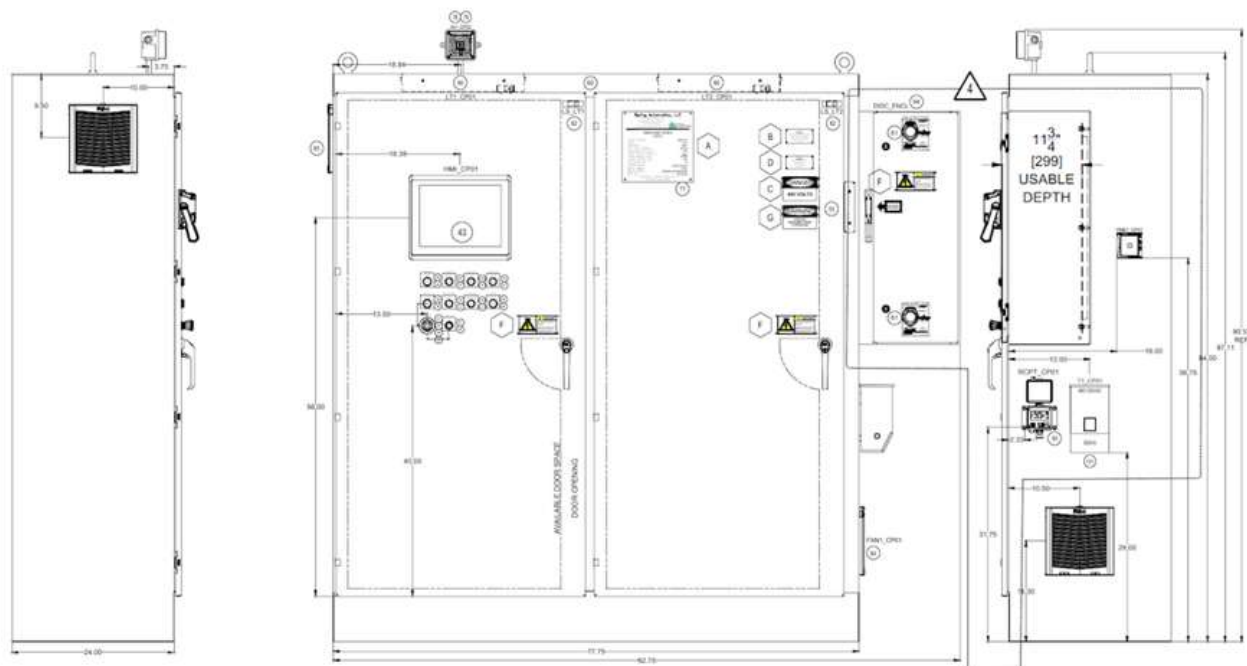


PANEL DESIGN & FABRICATION

Spring Automation is proud to hold ourselves to the highest standards regarding quality Panel Design and Fabrication. Our standard designs are based on NEC requirements, and our panels are both UL508A compliant and NEMA & IP rated. All Spring Automation panels are internally designed to exceed our customers' expectations but follow their unique technical specification.

Spring Automation focuses on maintaining solid relationships with our vendors to ensure our high standards are met. Our design and project teams schedule regular visits with our vendors to ensure quality before and during the panel construction phase. During the panel build, wiring is checked to ensure neat organization by use of cable ties, "sticky back" and wire ways. It is also our standard to clearly label wires with heat shrink markers at both ends of all terminations for convenience and longevity. Various OEM component options (based on the customers technical specifications) can be used for means of control and integrating your uniquely designed system.

Finally, all Spring Automation panels go through a quality check, Factory Acceptance Test, and functional test before the UL certification is given and the panel is shipped to site.



ELECTRICAL INSTALLATION

We strive to be innovative in our process. Our focus is to create a streamlined approach to help ensure the success of our customer's goals. By working alongside a nation-wide network of skilled and certified electrical subcontractors, we can meet these goals across North America. Through adhering to both industry and customer standards, our installation managers make it their mission to bring you high-quality electrical installations that match the effectiveness of our control systems.

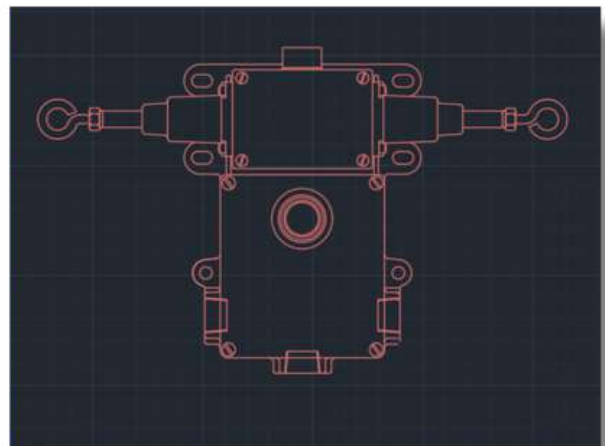
INDUSTRIAL ELECTRICAL SERVICES:

- Greenfield Installations
- Brownfield Retrofits
- AC and DC Control/Drive Systems
- Industrial Control Panel Installation
- Transformer Installation
- Power Distribution Installation
- Fixed Motor and VFD Installation
- PLC, HMI, and Relay Logic Additions
- Service and Support Calls

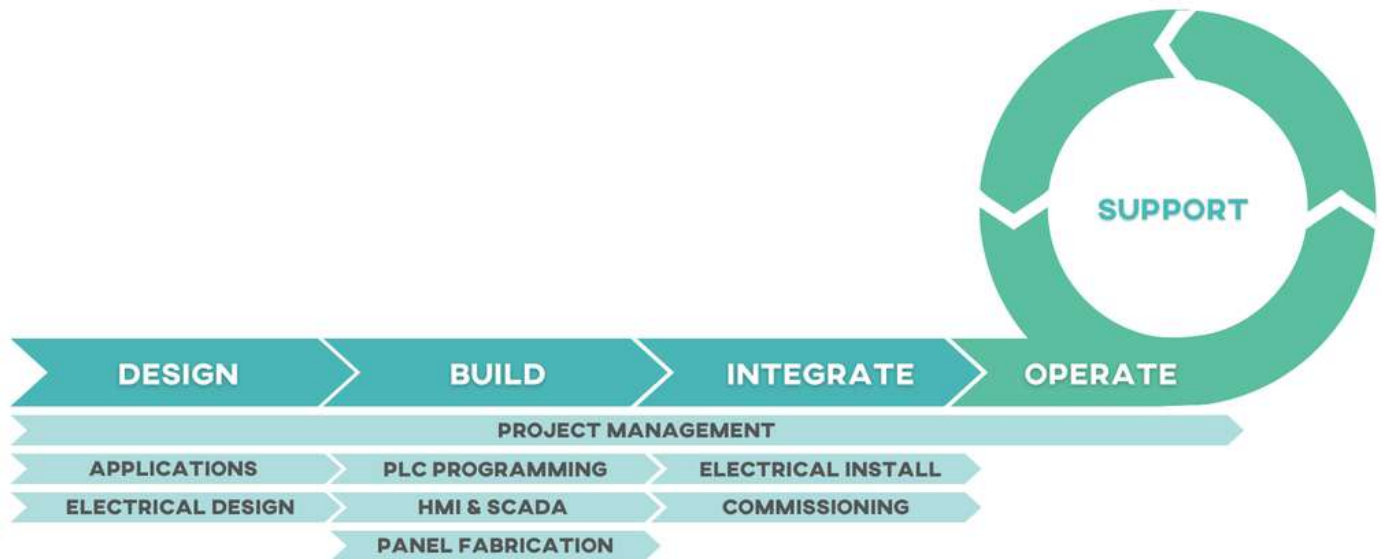


MYRIAD OF FIELD DEVICES:

- Electrical Disconnects
- Operator Indicator Beacons
- I/O Blocks
- Emergency E-Stops & Pullcords
- Photoeyes
- Scan Tunnels
- Operator Control Stations
- Air Pressure Switches
- Task Lights & Fans
- Many more!



CUSTOMER SERVICE



⚡ **SUPPORT CONTRACTS**

- Tailored to fit your needs
- 24/7 or Business Hours contracts

⚡ **POWER STUDIES**

- Analysis of data over a period of time
- Study can be remotely monitored

⚡ **NETWORK ANALYSIS**

- Identify latency issues/damaged cabling
- Detect devices within the network

⚡ **PLC UPGRADES**

- Hardware and software updates
- Add function to improve operations

⚡ **THERMAL INSPECTIONS**

- Infrared Electric Inspection to determine hot spots within panels

⚡ **HMI & SCADA UPDATES**

- Add functionality to HMI and SCADA systems
- Upgrade firmware files on existing systems

⚡ **SYSTEM EFFICIENCY STUDIES**

- Assessing System Operations
- Identify Reasons for Downtime

⚡ **TRAINING & SPARE PARTS**



OUR PARTNERSHIPS



Spring Automation is proud to have built strong partnerships with leading organizations and technology providers in the industry. Since 2022, we have been a member of MHI (Material Handling Industry), demonstrating our commitment to advancing the material handling sector and staying connected with industry leaders.

We are also a Cognex LPI (Logistics Partner Integrator), successfully completing complex projects that involve the pre-build, installation, and turnkey commissioning of Cognex scan tunnels. Our partnership with Cognex allows us access to advance industry and product training, which reflects in quality scan tunnel integrations.

Additionally, we are an Ignition Credentialed Integrator and proudly partner with Belden to provide high-quality, reliable solutions for our clients. These partnerships enable us to deliver comprehensive automation and control systems that meet the evolving needs of our customers.



HOW CAN YOU **CONNECT WITH US?**

We're excited to connect with you! Whether you have a specific question about one of our offerings, need customer support, are seeking a proposal, or are interested in exploring career opportunities, our team is ready to assist you. Let's start building legacies together—reach out today, and let's create a lasting impact!

WAY TO CONNECT:

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Visit our website to learn more about us

