



Automation Solutions for the Modern Plant

Automation Solutions

The convergence of Spiroflow's 45 years of equipment control expertise and Food Control Solutions' 17 years of control system integration experience culminated in the creation of a separate business unit designed to serve the control systems integration needs of manufacturers in multiple industries. Spiroflow Automation provides automation services to manufacturers in the food, bulk material handling & packaging, themed entertainment, paint & finishing systems, OEM equipment manufacturing, paper, film & foil, pharmaceuticals, foundries, automotive, and plant utilities industries.

The acquisition of **Food Control Solutions**, and their DBAs **Impel Automation** and **Reflex Systems**, brought significant control systems integration expertise in-house in the food and finishing industries.

Food Control Solutions had been a major integrator since 2000. The company was founded with a singular purpose – to provide automated control solutions to the food and dairy industries. Now part of the Spiroflow Automation team, our control systems engineers have an average of 16 years' experience in the food and dairy industries.

Spiroflow Automation Solutions differentiates itself with its expert staff, market segment knowledge, technology expertise, control system expertise, and a broad range of services and scope of supply capabilities. Our experts work directly with you in the design and implementation of efficient solutions for your process.

We offer our customers technically advanced, customized solutions, backed by years of industry experience. We have extensive knowledge of manufacturing procedures that enables us to develop plans of action that are compliant with current guidelines and regulations. We identify problems within your manufacturing scenario and solve them with innovative design and leading-edge engineering, along with outstanding technical support. Our understanding of your industry allows us to develop long-lasting solutions that meet the specialized needs of a wide variety of manufacturers.

Spiroflow Automation specializes in control system integration, specifically several different areas of industrial control, including PLC and motion control, press control and process automation. From stand-alone machine control to full multi-controller networks, Spiroflow Automation excels in providing innovative and cost-effective solutions.

Spiroflow Automation Solutions is a full-service industrial control, networking, and automation provider. Our people and technology help make your manufacturing process work smarter and more efficiently. We provide our clients with highly efficient

SUPPORTED VENDORS



Spiroflow Automation is one of a small, elite group of companies in the United States recognized as a **Rockwell Automation Recognized System Integrator**. The vetting process includes meeting stringent standards for financial stability, maintaining insurance, and comprehensive training of engineers on Rockwell Automation products.



We are proud to be a **Wonderware Registered System Integrator Partner**. Our customers can trust us to have the understanding, knowledge, training, and experience to upgrade, expand or convert their Wonderware systems or install a new Wonderware system.

OTHER SUPPORTED VENDORS

We also support **Siemens, Schneider, Omron, Automation Direct, GE & many others**.

A CONTROL ENGINEERING TOP 100 SYSTEM INTEGRATOR GIANT



As a result of our tenacious quest for excellence, Spiroflow Automation was selected as one of the top 100 global integrators by Control Engineering magazine. This is Spiroflow Automation's first appearance on the list and a notable achievement!

and cost-effective automation solutions. Talk with us about how we can make your industrial application become safer and more efficient.

Our strategic alliances with major hardware and software suppliers, combined with our commitment to continuing education enables us to provide leading edge solutions.

Automation Services

Design | Build | Program | Validate | Test | Commission | Start Up | Documentation | Independent Reviews

INDUSTRY EXPERTISE



Food & Dairy



Themed Entertainment



Paint & Finishing Systems



OEM Equipment Manufacturing



Plant Utilities

EXPERTISE IN OTHER INDUSTRIES INCLUDES

Bulk Material Handling & Packaging,
Pharmaceuticals, Foundries, Paper, Film &
Wood Products

Control Systems Engineering & Implementation

Spiroflow Automation specializes in control system integration, specifically several different areas of industrial control, including PLC and motion control, press control, and process automation. From stand-alone machine control to full multi-controller networks, Spiroflow Automation excels in providing innovative and cost-effective solutions.

Extensive knowledge of manufacturing procedures enables us to develop plans of action that are compliant with the current guidelines and regulations. Our team can identify problems within your manufacturing scenario and solve them with innovative design and leading-edge engineering, along with outstanding technical service.

We approach control system engineering with the customer's need and specifications first. We then proceed with application engineering to develop a proposal for your review. Upon your acceptance, we begin the detailed design engineering phase of the project which includes schematics, layouts, device lists, PLC programming, and HMI screens. Once that is complete, we proceed to the design and build phase where we construct the control panel. The panel is tested at our facility and shipped to the field for installation and commissioning with your system. Finally, we are there to support you through life of the system.

As a full-service industrial control, networking, and automation provider, our people help make your manufacturing process work smarter and more efficiently. Talk with us about how we can make your industrial application safer and more efficient.

Safety Systems

Our teams integrate safety systems - specifically hardwired safety circuits, safety relays, and safety PLCs for many applications including combustible dust (NFPA 664) and ammonia detection. The project scope often includes safety PLC programming, upgrades to safety PLCs, turnkey projects, and third party reviews.

Field Service Support

Our team members can visit your plant when your manufacturing process needs improvement. Our engineers will help whether we provided the initial control systems integration work or if another integrator did.

Once your automation solution is implemented we are there to support you. With our regionalized approach to on-site support, we are poised to respond quickly to any downtime situation. Our regional offices are strategically located close to our customers so we can mobilize quickly.

We also have the ability to provide remote monitoring and support services via VPN or phone line to provide troubleshooting assistance if required.

Why Spiroflow Automation



Experienced

Our team of veteran control system integration experts has worked together for over 20 years and been involved in hundreds of extremely complex integration projects in a wide variety of manufacturing processes.

Customer Driven

Our work is always customer driven. We provide excellent value and are proud to have many satisfied customers. The Spiroflow Automation team makes sure each customer feels completely confident in our ability to execute a project before we start.

Regional Support

Spiroflow Automation currently has five offices in Charlotte, NC, Cleveland, OH, Chicago, IL, Greer, SC and Orlando, FL with plans

to open additional regional offices. Our regional approach allows us to quickly respond to customer needs.

Training

We have a strong commitment to our people and their ongoing education ensuring they are up-to-date on the newest products used in the automation world.

Scalability

The Spiroflow Automation team is prepared for any size project small or large. With experienced controls engineers on standby we can scale up to support the most expansive projects around the world.



Contact us to discuss your automation needs

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