



# Industrial Controls and Operational Technology Group

## Industrial Automation Services

Prepared December 2020

# Industrial Automation Services

Like you, we make our living in industrial facilities. Just as Ally's core energy solutions practice takes an enterprise approach to energy management, Ally's digital solution teams bring an enterprise approach to plant automation.

Whether it's establishing the right controls narrative to inform the design of a new production line or providing emergency services to bring a mission critical system back on-line, our team has the experience you look for in a systems integrator.



# Industrial Controls Group

## Independent Systems Integration Capabilities

Ally's team of control engineers and programmers have a deep understanding of the instrumentation, controls and telemetry that make your plant run. We understand that each system has unique operational concerns and that a variety of disparate and connected systems exist in every facility.

## Proactive Planning at the Facility and Portfolio Level

Our Industrial Controls team helps keep critical systems on-line and up to date, implement upgrades and add instrumentation on an as-needed basis. We also create and implement proactive plans to consolidate access and control of independent systems at both the plant and portfolio level.

**Whether we're providing service on-premise or through remote access, we're proud to be the go-to automation resource for premier manufacturers and distributors throughout the United States.**



# Operational Technology Group

## Big Automation Challenges Require a Plant Operator's Experience

Ally's Operational Technology Group is made up of experienced team players who have been "in your shoes." From raw materials to finished product and most processes in between, we are adept at running the complex operations required to meet your goals on time and on budget.

## Process Control System Design Expertise

With deep experience in food manufacturing, we bring a thorough understanding of process control system design to your plant, which allows us to create and implement effective, connected strategies to optimize processes and consolidate systems. Because we are plant operators at heart, we know what questions to ask and where to look to address even the most difficult automation issues.

## Team-Focused, Collaborative Approach

Our collaboration with your in-house operations and maintenance teams is key to successful project execution. We are ready to work together to bring practical solutions to complex challenges. We'll collaborate with your team to design, manage and implement a complete automation process, control narrative or turnkey solution.

# Process Integration Architecture

Starts with Understanding the Hardware and Systems that Drive Operations



## Devices

- VFD Controller
- Programmable Logic Controller (PLC)
- Human Machine Interface (HMI)
- Instrumentation
- Meters and Sensors
- SCADA Systems



## Interdisciplinary Expertise

- Material Handling
- Geo Tracking
- Compressed Air
- Boilers
- Steam
- Water/Wastewater



## Skills

- Programming
- Panel Building
- Remote Telemetry
- Device Deployment
- Data Acquisition
- On-Site Services

# The Right Approach with the Right Relationships

Rather than covering symptoms with expensive, short-term patches or designing systems in isolation, our comprehensive approach to operations allows us to identify and address the root cause of a problem.

With a national network of trusted partners, our approach is vendor agnostic and strategically designed to align with the best interests of our clients.



# Independent Systems Integration & Optimization

Because we have decades of experience working with all the major systems manufacturers, partnering with Ally eliminates the need for calling multiple providers whenever an issue arises or an integration, modification or upgrade is required.



**SIEMENS**



*Ally Integration Specialists are Inductive Gold Certified Systems Experts*

# We Work with Your Preferred Contractor Partners

Ally collaborates with your preferred local contractor to implement new Industrial Controls architecture, troubleshoot issues and improve existing systems. Our comprehensive understanding of interoperability allows us to provide expert oversight and assistance for even the most complex integrations.

## UL Listed In-House Custom Panel Shop

We know from experience that having the equipment you need, when you need it is of critical importance. That's why our Industrial Controls team chose to establish an in-house panel shop in 2012.

This approach combines relationships with premier device manufacturers & distributors with our unique design-build capabilities. Whether it's a skid-sized custom cabinet that houses hundreds of relays controlling a complex process, or hundreds of individual remote telemetry boxes linking a fleet of aircraft de-icing vehicles at major airports throughout the country, we are up for the task.





# Ally's Industrial Controls and Operational Technology Groups Help Save Clients Time and Money



Power Disaggregation Saves \$120,000 in Annual Energy Costs at Refrigerated Warehouse Facility



High-End GUI Proves Savings and Validates Persistent System at Protein Production Plant



Identification and Correction of Barcode Scanner Problem Saves International Retailer from Shutdown Over Busy Holiday Weekend



VFD "Lockout" Preventing Timely System Restarts Resolved at RNG Facility



Modernization of Outdated OEM Controls for Frozen Block Grinder and implementation of SMaRT System Facilitates Off-site Analysis and Reporting at Protein Production Plants



## Solutions

Facilities professionals are experiencing an era of convergence. In the energy industry, Smart Grid and Building Intelligence domains are coming together. Supply and Demand Side energy disciplines are no longer in silos, and within the facility distinct elements of energy consuming and producing infrastructure are no longer managed individually, but in concert.

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