

**YOUR DISTRIBUTOR**  
for **PROCESS**  
**AUTOMATION**  
**SOLUTIONS**  
REVERE ELECTRIC SUPPLY

# Process Industry Solutions



## Revere Electric is a Leader in Process Automation Solutions!

- Instrumentation/Sensing Elements
- Intrinsic Safety Products
- Condition/Vibration Monitoring Products
- Measurement/Test Equipment
- Audible/Visual Signaling Products
- Conduit, Fittings, Cabling, and More
- Motors and Gearboxes
- Variable Frequency Drives/Servo Drives
- Programmable Automation Controllers and I/O
- Operator Interface Terminals and SCADA Software
- Industrial Control Products
- Data Collection and Information Software
- Standard, Custom, Purged, and Explosion-Proof Enclosures

**Rockwell  
Automation**

**Hoffman**  
A Pentair Company

**COOPER** Crouse-Hinds

Endress+Hauser   
People for Process Automation

 **PEPPERL+FUCHS**

 **FLIR**

## Differentiating Ourselves from Other Distributors

- Over 75 Years Experience in Process Solutions on Staff
- Exclusive Rockwell Automation Franchise since 1935
- Large Breath and Depth of Product Offerings from Control to Standard Electrical Products
- Pre and Post Technical Support



## The Benefits from Revere Process Automation Solutions

### We get you from here...

- Uncertain parts and service sourcing
- Limited network options
- Weakening technical service
- High repair costs
- Unscheduled downtime risks
- Questionable reliability of older electronics
- No warranty coverage
- Old equipment that lacks production efficiency



### To here...

- Product backed by the outstanding support of Rockwell Automation
- Open, integrated architecture for increased flexibility
- Re-use of engineering practices to reduce development time and costs
- Maximizing returns from existing assets through greatly improved control and monitoring
- Quickest response to customer or market demands
- Easy access to plant and production data from business systems for better management decision making
- Single environment for integrated motion, process and safety for total plant control.



# Revere Get's You Started by Identifying the Right Options for You

## 1 Understanding Your Needs

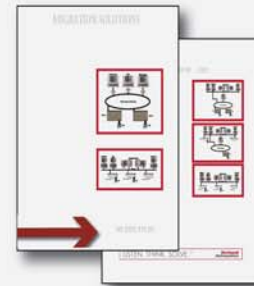
We can help by:

- Providing recommendations to optimize the performance of your automation assets
- Evaluating older equipment more susceptible for failure
- Setting performance baselines for continuous improvement
- Performing an Installed Base Evaluation to use as a foundation for your migration plan



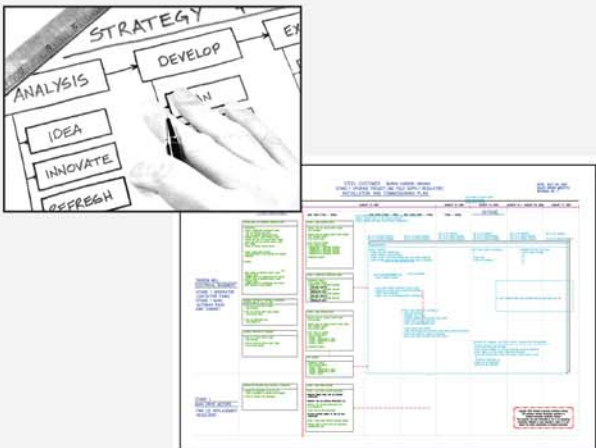
## 2 Learning About Current Migration Programs

Packaged migrations can help with your planning and execution. We have a wide range of experience on Rockwell Automation and non-Rockwell Automation equipment, and can create custom migration packages/ approaches for your individual needs



## 3 Creating a Plan

- Target areas offering the greatest Return on Investment(ROI)
- Schedule based on your planned downtime
- Sequence to reduce overall project time
- Define and highlight successes



## 4 Executing the Plan

A wide variety of programs/services are available from Revere Electric Supply and its partners, including:

- Design
- Project Management
- Programming
- Installation
- Commissioning/Start-up

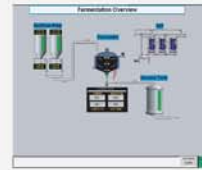
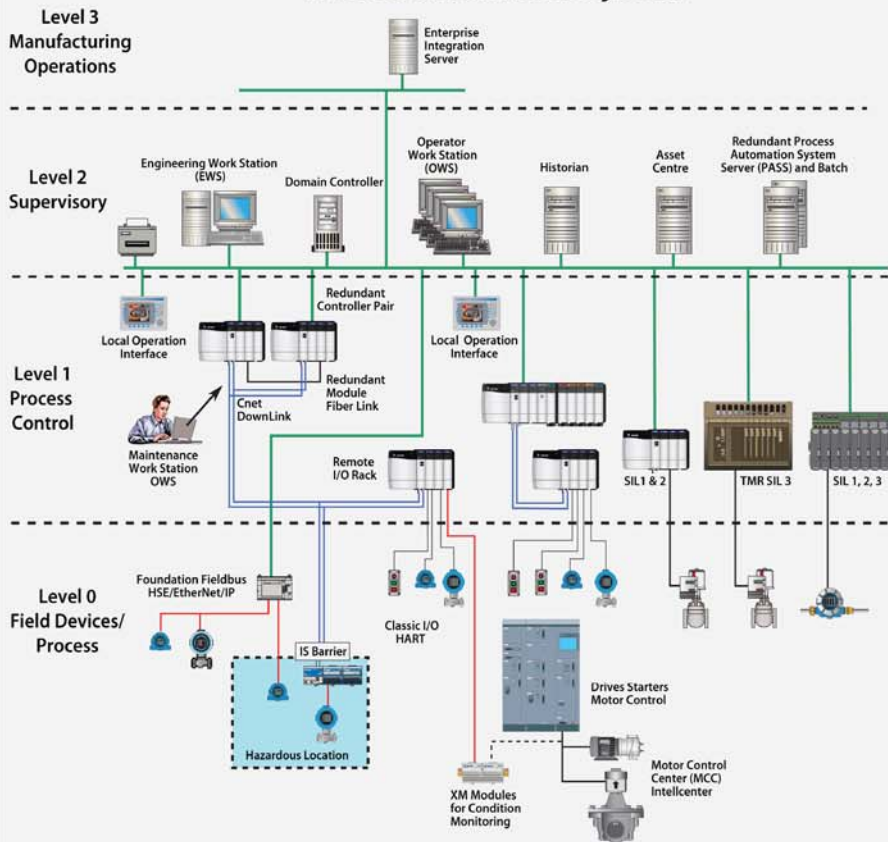
## 5 Practicing Continuous Improvement

Performance Assessments can be used to measure your success based on the defined metrics in your plan. These tools can also be used to plan and evaluate your future migration needs.

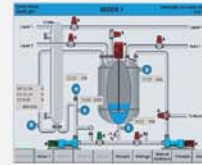


# PlantPAX

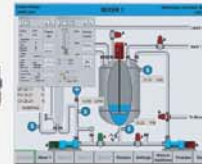
## Process Automation System



Area Overview



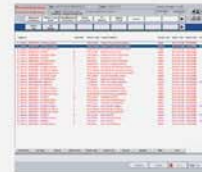
Tank Detail



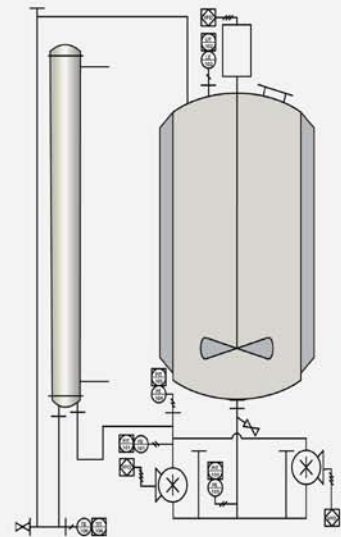
Tank Detail with Standard Face Plates (included with system)



Trend Screen



Alarm Display



### Critical Control Parameters

- Product Temperature
- Reaction Rate
- Steam Header Pressure
- Steam Header Temperature

### KPIs

- Reactor Cycle Time
- On-Spec Product
- Energy Consumption

### Process Overview Example

PlantPAX, Rockwell's modern DCS solution, is a highly scalable architecture which can be applied to many process applications. Rockwell's DCS solution offers redundant controller and I/O solutions for high availability applications.

## Additional Solution Enhancements

### Networking

- Managed Switches
- Intrinsically Safe Ethernet
- Wireless
- Remote Access
- Zone Enclosures



**Rockwell Automation**

**PEPPERL+FUCHS**  
PROTECTING YOUR PROCESS

**molex**

**CISCO SYSTEMS**

**HIMIS** Connecting Devices™  
**eWON**

**PANDUIT**

**ProSoft**  
TECHNOLOGY

**RFID EAS**

**MTL Instruments**

### Asset Management and Information Software

Rockwell Automation Offers Software Solutions for Your Plant Applications

FactoryTalk View SE  
FactoryTalk Historian SE  
FactoryTalk Transaction Manager  
FactoryTalk EnergyMetrix  
FactoryTalk Metrix  
FactoryTalk AssetCentre

Plant - Wide Visualization, Control and Alarming  
Historical Trending  
Bi-Directional Database Transactions With Logix Controllers  
Energy Monitoring and Reporting  
Downtime Tracking/OEE Reporting  
Centralized Program Storage and Revision Control

### Motor Repair

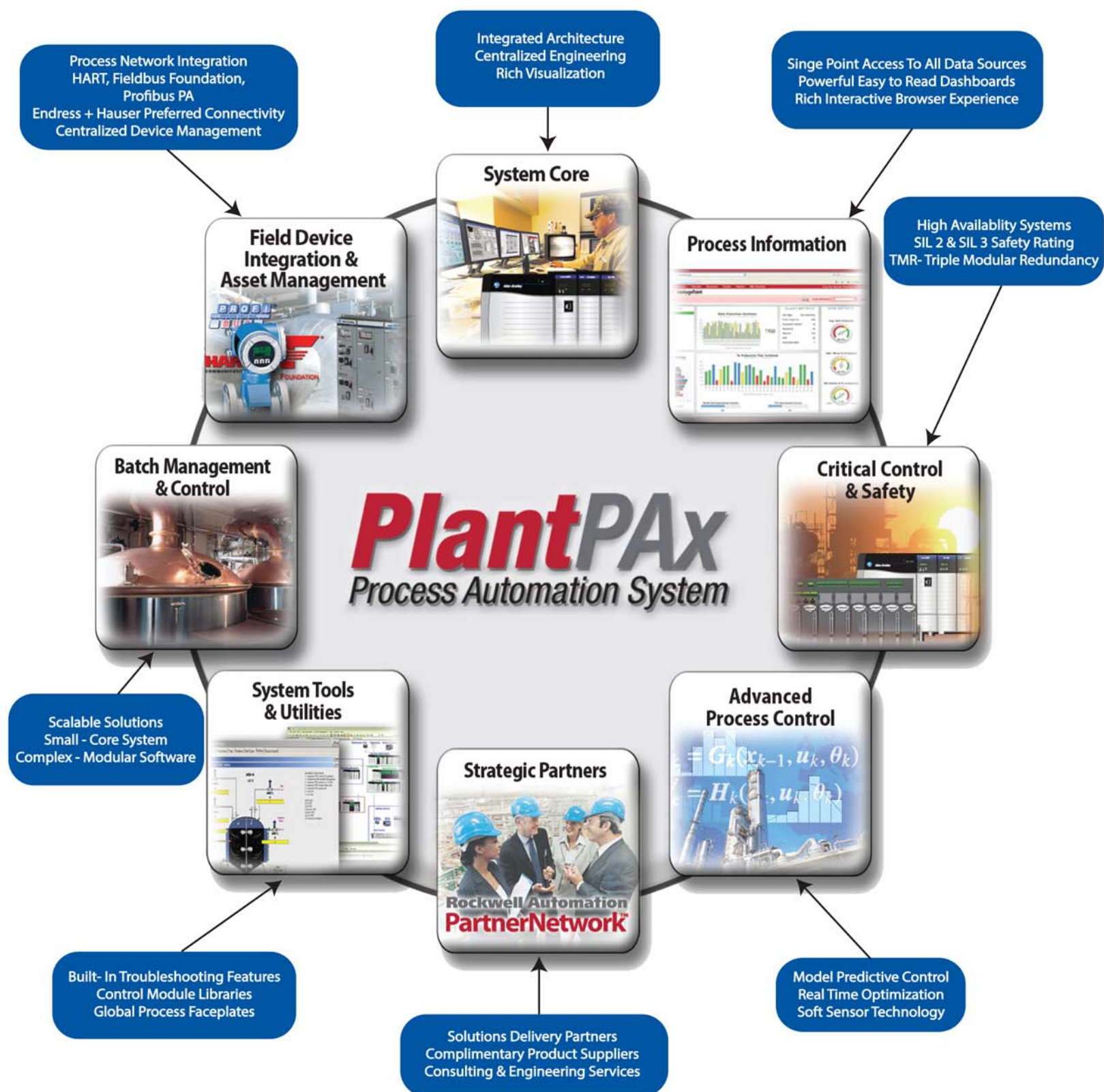
As a certified (EASA) motor repair facility for over fifty years, you can rest assured that our 20,000 sq. ft. facility is systematically designed for each step of the repair process. We are equipped with the most recent equipment and employ a highly advance team of technicians that have over seventy-five years of experience in the Motor Repair Industry.

- Electric Motor Repairs
- State of Art Motor Rewind Department
- On-Site Diagnostic Services
- Certificates - EASA, IEEE, ANSI and API
- Pump and Gear Box Repair
- Various Parts In Stock - No Downtime





# Rockwell's Modern DCS Solution



# Total Process Solutions



Revere Electric Supply is a family owned, fourth generation full-line electrical distributor. We are a local market leader with national influence that serves Northern and Central Illinois, Milwaukee and surrounding Milwaukee counties. Our goal is simple: to provide quality customer service and offer quality products and services to our customers.



## ***Mokena***

**8807 187th Street  
Mokena, IL 60448  
(708) 995-3251**

## ***Buffalo Grove***

**975 Weiland Road  
Buffalo Grove, IL 60089  
Phone: (847) 499-6000**

## ***Peru***

**1220 Wenzel Road  
Peru, IL 61354  
Phone: (815) 224-1510**



**Nelson Electric**  
A Division of Revere Electric  
**821 South Airline Road  
Racine, WI 53406  
Phone: (262) 635-5050**

## ***Hartland***

**1515 Walnut Ridge Drive  
Hartland, WI 53029  
Phone: (262) 369-7100**

## ***West Allis***

**11540 W. Rogers Street  
West Allis, WI 53227  
Phone: (262) 549-1983**

