

SERVICE PROFILE

CONVERSION SERVICES

A MIGRATION PATH FOR YOUR AGING OPERATOR INTERFACE PLATFORM

In today's highly-sophisticated manufacturing facilities, automation and control systems play an integral role in mission-critical plant operations. As automation equipment becomes older and less reliable, there are a number of different options available to you. These options include:

- Repair the existing equipment
- Direct replacement with new but identical equipment
- Migrate to a newer platform and take advantage of technology advancements and increased functionality

Deciding when to convert to newer automation technology is not always easy. Many factors must be considered when determining the best return. If you answer yes to even a few of the following questions, now may be the right time to make a change:

- Are your maintenance efforts becoming too labor intensive and costly?
- Does your production capacity need to be increased?
- Do you need to increase product quality while decreasing production and maintenance costs?
- Do you manufacture custom products that require more sophisticated machinery?
- Is it difficult to procure parts for or find skilled labor to maintain your legacy equipment?
- Are you calling for service more frequently?
- Is your Mean-Time-to-Repair (MTTR) increasing?

LISTEN.
THINK.
SOLVE.™

FOR YOUR LEGACY OPERATOR INTERFACE PLATFORM



From project management to start-up, Rockwell Automation can provide a complete upgrade solution.

CONVERSION SERVICES TO IMPROVE AVAILABILITY AND LOWER TOTAL COST

With conversion services from Rockwell Automation, you can leverage our automation expertise to help you successfully migrate from legacy operator interface terminals to Allen-Bradley PanelView[®] Plus or VersaView[®] terminals. For a fixed price you will receive a complete upgrade solution including hardware, software conversion engineering and start-up services.

You can realize the following benefits:

- Improved process availability and production capacity
- Improved manufacturing quality
- Decreased long term costs and unplanned downtime

IMPLEMENTING YOUR CONVERSION PROJECT

Rockwell Automation will review your organization's goals, objectives, specific site requirements, existing operator interface inventory and hardware and software programming. A service scope of supply for the project will be developed, and a fixed price proposal is submitted for your approval. Upon acceptance of the proposal, project teams from both the customer's plant and Rockwell Automation are assembled.

Hands-On Conversion Services

Rockwell Automation will be with you every step of the way throughout the conversion project – from project leadership to start-up and acceptance

Project Leadership – The Rockwell Automation project leader will be responsible for all coordination and scheduling activities and will function as the primary contact for all customer communications. Specific responsibilities include:

- Establish project schedule
- Procure and schedule all resources including necessary hardware
- Coordinate and communicate with customer

OnSite Assessment – Using standardized checklists and processes, our primary engineer will conduct a simple job site visit to confirm project scope, validate project risks, and review testing and acceptance criteria and gather the required information and software to convert existing screens and software code. Deliverables include:

- Completed risk assessment form
- Bill of material
- Conversion acceptance criteria
- Project schedule and timeline
- Required information sent to the Conversion Engineer Team

Conversion Engineering – Utilizing applications designed to convert existing screens and code, our engineers will complete and test the screen conversion process and any required PLC code changes necessary for a like for like conversion. Outputs include:

- Completed screen and ladder logic software conversion
- Successful completion of conversion test
- Submission of converted software and screens to a our engineer assigned to your facility

Start-up and Acceptance – Prior to site installation, all software will be loaded on the terminals and a functional test preformed. Once installation is complete, our engineer, working closely with your plant personnel, will perform an operational test for each machine to validate the conversion and ensure operational compliance. Documentation will be provided upon acceptance of the project. Deliverables include:

- Preoperational check list
- Operational Test preformed and validated by the customer
- Customer acceptance
- Necessary documentation including product sheets and software files

Optional Services

Additionally, you may choose the following value-added services:

Extended Parts and Labor Warranty – extend the parts and labor warranty for two years from date of customer acceptance if work was preformed by a Rockwell Automation engineer.

Preventive maintenance programs to provide additional protection for your systems after start-up.

Pre-programmed operator interface spare for quick resolution to unplanned downtime events for critical processes support of critical processes in the event of an unplanned downtime.

Parts Management Agreement for those customers that have a need to outsource inventory management

MORE INFORMATION

Conversion Services can be ordered by contacting your local authorized Allen-Bradley distributor or Rockwell Automation sales office.

For further information on services go to:

www.rockwellautomation.com/services/onsite.

www.rockwellautomation.com

Power, Control and Information Solutions

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