

Industrial Control Systems



Revere
Control Systems

ENGINEERED TO SERVE

We offer a full range of services to support your control systems needs. These include the following:

- Conceptual design
- Cost estimating
- Detail engineering
- Panel Production
- Painting and fabrication
- Real-world simulation testing
- Comprehensive documentation
- Training, both in-house and on-site
- Installation management
- Technical support, both on-site and remote

We can bring any combination of these services to bear on a project depending on your particular circumstances. We can further augment your staff by performing engineering feasibility studies and providing recommended solutions.

OEM

In addition to our systems integration capabilities for end users, we also have extensive experience providing control panels for a wide variety of OEM customers. We understand the level of support needed to help you look good to your customers by providing quality equipment produced to your specifications and fully tested for optimum performance and minimum start-up effort.



Industrial Control Sys

Beyond Control Panel Assembl



Machine control equipment upgrades. Operator interface system facelifts. Entire control system makeovers. These challenges to your company's growth require resources for engineering, design, assembly, test, and startup to make your process more competitive. But can you afford to commit those resources and still maintain ongoing operations?

We are your solution for meeting the technical challenges of growth without impacting the day-to-day demands of keeping your processes running smoothly. Experts at control panel assembly, we are also your best resource for creating



Simple to Complex



Systems integration is about getting all of the production or process-related operations communicating, from the simplest push buttons to the most complex computer systems. This means applying state-of-the-art networking technologies to assure that diverse systems talk to each other, and understand what's being said. Our expertise includes all major communication protocols, such as DeviceNet, Modbus, Profibus, Ethernet TCP/IP, ControlNet, and others.

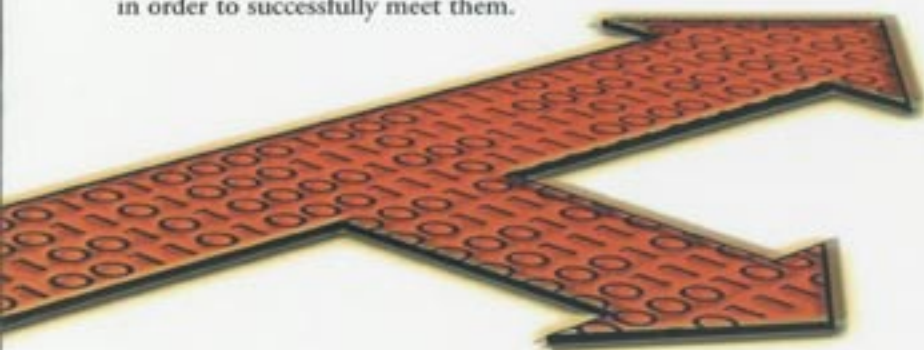
We also understand the foundational elements of control on the manufacturing floor: position, measurement, and speed. And we have expertise in the associated technologies, from simple bar code reading to sophisticated vision systems and other non-contact measurement techniques. From basic motor controls to complex drive configurations, we know how to apply these technologies to your operations.

We further understand how to put that information to use, linking control equipment and human operators to your existing databases, report generators, and office systems.

Systems Integration

control systems that optimize process performance; machine to man interfaces for the real-time demands of your processes; and information systems that move productivity data beyond your plant floor.

Our commitment to the relationship is made by dedicating one of our highly qualified engineers as your primary contact for the duration of the project. Working with your staff, we get to know your processes, networks, and information systems, which is essential to understanding your special needs in order to successfully meet them.



Getting Results

Systems integration is about collecting the data you need to understand your processes in order to perform analysis and implement improvements. From catching problems before they turn into catastrophes to maximizing efficiency of personnel and operations to analyzing the quality of raw materials or vendor-supplied parts, data availability is crucial.

Our solutions are tailored to your needs through innovative use of off-the-shelf applications and components. No complicated, created-from-scratch code. No expensive, one-of-a-kind fabrications. We want you to have a design you can live with for a long time.

Yes, we build control panels. But that's only part of the story. We also make those panels communicate. Beyond the plant floor and to the systems your decision makers use. The end result is interoperability. Allowing separate, free-standing systems to perform in concert, working together to provide a higher level of overall performance.



We are experienced providing control systems to the following industries:

- Water and Wastewater
- Foundry and Metals
- Mining
- Oil and Gas
- Pulp and Paper
- Forest and Wood Products
- Automotive
- Utilities and Power
- Material Handling
- Food and Beverage

Specific examples of work for these industries can be viewed on our Web site at www.reverecontrols.com

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