

UL 508A Industrial Control
Panel Certification for
Industrial Applications



PERFECTLY
INTEGRATED AUTOMATION

SERVICES



UL508A Control Panel Manufacturing

We offer a full array of control panel manufacturing services, from industrial automation for large batch orders to custom fabrication for unique applications. Regardless of the product or service, our commitment to excellence in quality and service means that We'll deliver your panels to the right specification, when you need them, at the right value.



Engineering & Design

With the increasing intricacy of machinery and process systems, the importance of having Well-designed, efficient and reliable control systems is essential. We offer a full array of engineering and design services with expert design software like EPLAN and AutoCAD. Engineering staff is able to provide assistance on individual elements of the design and manufacturing process or on a turn-key system solution for design through installation.



System Architecture

Combining creativity and a sense of value, our engineers are experts at designing the right system for each application. We tailor the scope of each project to provide the level of design detail appropriate to the application. Our control system design package may include PLC and HMI platforms, Batch Control, SCADA, RTUs and Redundancy.



System Integration

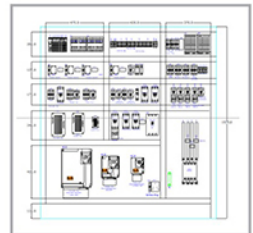
We approach system integration systematically, viewing each step in the process as essential to creating a unified, Well-designed control system. Our system engineers and manufacturing technicians have a long history in selecting, configuring, and assembling components. Working together, they are able to work through the challenges of component connectivity and compatibility to create control systems that are functional, intelligent and able to stand the test of time.



Installation & Start Up

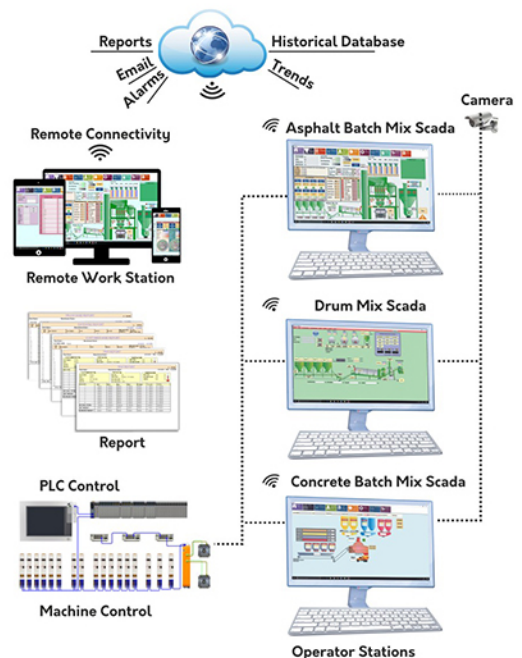
Without correct installation and testing, even the best-designed control systems risk not performing properly. Our installation department is staffed by highly qualified journeyman and master electricians who work onsite until the complete system - hardware and software - is operating to our customer's satisfaction. Services include Instrumentation, Testing, Training and Documentation.

- Programmable Logic Controller (PLC) Programming
- Human-Machine Interface (HMI) Programming
- Supervisory Control and Data Acquisition (SCADA) development & Modification
- Ladder Logic, structured text, function block, and sequential function chart programming
- Data collection and operational reporting
- Complex recipe management and order processing
- OPC/IIOT integration
- Field Start-up & commissioning services
- Troubleshooting electrical control systems
- Cost estimating
- Control system Network structure Design
- Submittal & engineering drawing review



IIOT and Industry 4.0

Our engineers can assist you with designing and building a new wireless-enabled device, integrating current technology into the Internet of Things, or upgrading a device's functionality to increase its usefulness. MCS also provides broad factory automation, intelligence, and test and measurement services to help systems catch up with Industrial Internet of Things (IIoT) and Industry 4.0 technology.





201 S Blakely St, #183
Dunmore, PA 18512

p | 385.955.0990
e | sales@multiwaycontrol.com
w | www.multiwaycontrol.com