

Process Control Systems



Industrial Equipment & Design Company

...a world of experience in powder handling

Process Control Systems



IEDCO Control Systems

At the heart of every process is a control system that allows each individual component to function at optimal performance, while also allowing concise communication between every element to create a smoothly operating, cohesive system.

The control system can range from a simple, pure pneumatic logic system to a more complex PLC based system or anywhere in between.

Whatever the control requirements are that best meet your needs, **IEDCO** is positioned to design, build, program and integrate the controls into your process.



Custom Control Panel Design & Fabrication



Our panel shop facility in Turnersville, NJ features a state of the art control panel workshop that allows our controls engineers to design and build virtually any type of control panel.

Not only do we provide a complete control system for every piece of equipment and powder handling system we design, we can also provide you with a custom control panel to serve your existing process.

From pneumatic to electric, the simple to the complex - our engineers have the experience and expertise to build a system to your specific requirements.

If you are looking to automate your existing system or program the integration of different components, IEDCO can provide you with the

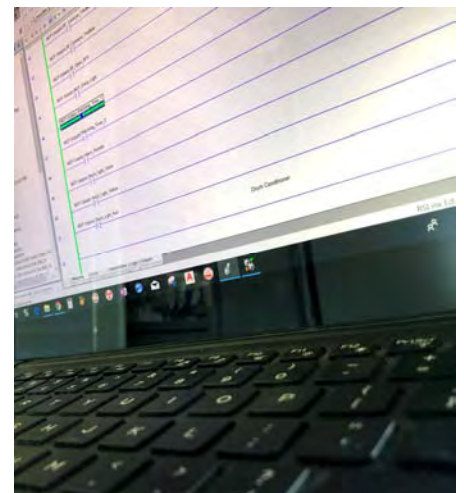


Logic & Programming

Our controls engineers are well versed in the programming languages needed to program higher functions for complex control panels:

- RSLogix 500
- Studio 5000
- Factory Talk View Studio

Using these platforms and after fully understanding your needs, they are able to create control panel logic to handle virtually any demand your system may require.



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Complete and Detailed Design

We prepare complete and detailed functional specifications, P&ID layouts, electrical wiring schematics, panel layouts, I/O elementary wiring diagrams, program ladder logic and full control documentation with digital photographs of your panel - all integrated into our extensive documentation package.

All designs adhere to ANSI, IEE, DIN, and NEC standards and practices. Panels for Class I or II, Division I or II are also not a problem.

We also understand the audit process in regulated industries and can prepare your automated system for FDA validation. **IEDCO** systems come fully documented and complete with operating and maintenance manuals including procedures for operating, testing, calibrating, and maintaining all equipment and devices.



Standards or Your Favorite



METTLER TOLEDO

We design and build all of our control panels here at our New Jersey based facility. Left to our own resources we have standardized on the use of Allen-Bradley components, PLC's and OIT's, as well as Mettler Toledo weighing terminals.

However, we will customize every system to meet your specific needs, including using any components that have been standardized by your company.



AB **Allen-Bradley**
QUALITY

UL Listed



Not only is the **IEDCO Control Panel Shop** able to design and build custom control panels, but now all our panels are **UL Listed** ensuring their safety and quality.

Our panel shop can create control panels for virtually any pneumatic or electric processing system.

UL, **Underwriters Laboratory**, has developed more than **1000 Standards for Safety**. Their Standards for Safety are essential to helping ensure safety and improve the quality of control systems manufacturers.

Whether you are looking for a complete system, a new control panel to automate your current process, or need to upgrade your existing panels, IEDCO can supply you with a control panel designed to solve all your automation needs.



Getting Powder & Tablets From Point "A" To Point "B" Is Our Only Business

