



Process Control Solutions

Industries Served

- Chemical
- Food & Beverage
- Milk and Dairy
- Plastics
- Manufacturing

Process Applications

- Continuous Flow
- Batch Recipe
- System Variables:
 - Levels - Flow
 - Weight - Volume
 - Thermocouple / RTD
- System Controls:
 - Valves - Pumps
 - VF Drives - Mixers
 - Gas, Electric, Steam
- Monitoring & Alarms
 - Local
 - Remote
 - Web-Based
 - Modem Support
 - IS Auto Attendant
 - Paging / Cell Alerts

Tools

- PLC & PC Controllers
- Packaged SCADA S/W
- Custom SCADA S/W
- AutoCAD Diagrams

CDI has been designing and servicing controls on CIP's for almost 20 years.

From Concept to Completion

Whether you have a new plant, or a planned addition to your existing production lines, many of our projects begin by sketching out a simple flow diagram. Along side the customer, CDI AutoCAD designers work to further illustrate and detail various system components, and the project starts taking shape. CDI provides comprehensive documentation from start-to-finish, with your designs and requirements in mind.

These concept diagrams are quickly turned into sequential and functional control logic diagrams by our Process Controls Engineers. Appropriate hardware and software are selected to meet the strictest requirements and standards of your industry. We then employ our experience and capabilities to outline evaluate methods for process automation and control. CDI has acquired time-proven methods used in many successful process control applications. These meth-

ods are used to program the Runtime Code for PLC / PC Controllers. CDI will provide complete and documented Design, Engineering, and Programming for your project, developed with the experience you can trust.

Next, your diagrams and programming are turned into reality when we design and fabricate the Control Panels. CDI uses NFPA-79 as a standard and can certify to UL 508A. CDI panel layouts, labeling, and documentation are logical, complete, and precise.

The Concept comes to Completion when CDI Engineers bring everything together at your site. Turn-key, or by teaming with other vendors, your system concept is delivered, installed, tested, and commissioned in a safe and expeditious manner.

CDI is ready for your next Process Control challenge, so start sketching - CDI Sketch Pads are provided for FREE !



Batching / Tank Room & Controls



Batch / Weighing System Skid

Our Goal

CONTROL DYNAMICS INC. will design and implement every project with a strong commitment to quality, value, performance, communication, and service. This guiding principle will ensure customer satisfaction and build long term relationships through repeat business. We strive to maintain a corporate environment that supports this goal.