

PLC Programming:

ABB, GeFanuc, Modicon, Omron, Square "D", Siemens, etc Systems Design, MMI [Man Machine Interfacing], HMI & SCADA, Wonderware, Intellution, Microadvantage, Labview, Citect , etc **

Mechanical Machine Design/Build:

Special purpose custom machine design/build to exact customer specifications

CAD Services:

New Drawings of Existing Systems generated where little or no Documentation currently exists, updating existing drawings (e.g. hand sketches or outdated software) to AutoCAD, etc

Electrical:

Maintenance and Repair,
Fabricate Control Panels
Interface Operator Control Stations
Large and Small "Turn Key" Projects, etc

** All Copyrights acknowledged



Process Automation

Above: Successful design/build a system that required precise control of water temperature between 2 – 98 Deg C and pressure from 5 to 115 psi for stringent Lab testing. A Boiler and a Chiller were used along with high pressure pumps and VFDs in conjunction with PLC and SCADA.

Left: Designed and built an automated machine to trim product from a plastic extrusion process to exact and consistent repeatability to meet the demanding specifications of the horticultural industry.

Below: Designed and built a Water treatment system to chemically treat pH, Conductivity and ORP and remove solids with the use of a Lamella Clarifier and Press filters.



Machine Build/Automation

Certified Calibrations:

We provide certified "on site" and "off site" calibrations and provide "Certificates of Calibration" to keep your equipment compliant and to enable you to maintain proper records to satisfy the various Regulatory bodies. All of the Test equipments used for calibration are certified and traceable to National and International standards.

We also keep records as your back up and will remind you when calibrations become due.

Our staff of qualified, experienced technicians is available to meet your demanding schedule.



Water treatment system



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Services we offer:

- Machine Automation**
- Complete Design / Build / Automation**
- Engineering Services**
- Systems Integration**
- Certified Calibrations**
- Turn Key Solutions**
- Repairs and Maintenance**
- Custom Controls / Panels**
- Installation and Electrical Services***
- Validation Services**



For over 27 years, we have been successfully serving Pharmaceutical, Dairy, Food & Beverage, Chemical, Plastics, Metal, Automotive and other manufacturing industries. We have trained and experienced technicians, technologists, engineers and electricians available 24/7 to offer you a single source solution.

(*Electrical Services by ECRA/ESA Licensed contractors)





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	<ul style="list-style-type: none"> RF Level Switches for solids and liquids Level Gauges Dust Monitors • Bag House Pressure Ultrasonic / Radar Level Transmitters Magnetostrictive Level Transmitters
	Analyzers & Probes to measure & Control <ul style="list-style-type: none"> pH/ ORP • Conductivity / Flow Dissolved Oxygen Free Chlorine
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