

Automation Resources & Integration Services

Programmable Logic Controllers:

- ◆ Allen-Bradley: SLC 500, CompactLogix, Micrologix, and ControlLogix
- ◆ AutomationDirect: Productivity 3000, Do-more, DirectLogic, and Click
- ◆ PLC Programming Software: RSLogix 500, RSLogix 5000, Productivity 3000 PAC, and DirectLogic32, and Click PLC
- ◆ Specialized controllers: Eurotherm and Watlow Temperature controllers



Human Machine Interface Display (OEE & KPI Dashboards):

- ◆ HMI Displays: AB PanelView, AutomationDirect, Maple Systems, EZAutomation.net, Redlion, Beckhoff, and Hope Industries
- ◆ HMI Display Software: RSView32, FactoryTalk View Studio Machine, Point of View, EZ Touch, C-More

AC & DC Drives & Motors:

- ◆ DC Drives: Parker SSD, AutomationDirect, Control Techniques, Dart, KB, and Boston Gear
- ◆ AC Drives: Parker SDD, AutomationDirect, ABB, Baldor, Danfoss, Magnetek, and Yaskawa
- ◆ Motors & Gearboxes: Baldor, Marathon Electric, WEG, Elektrim Motors, SEW Eurodrive, Reliance Electric, Bodine Electric, Lincoln Electric, and Leeson
- ◆ Clutches & Brakes: Warner Electric, Magpowr, Tolomatic, and Montalvo



Industrial Computers & Networking:

- ◆ Industrial computer systems for Machine HMI, Operator stations, or OEE systems
- ◆ Industrial networking system using Ethernet cable systems (includes POE), Optical Fiber (single & multimode), Wireless access points (short & long range)
- ◆ Industrial computer backup and recovery services

Panel Fabrication & Machine Retrofit Services:

- ◆ Complete new panel fabrication with multiple pin connectors for quick installation
- ◆ Machine retrofits: Wire drawing machines, Extrusion lines, Twinners/Bunchers, Cablers, Takeup, Payoffs (single and multiple head), and Injection molding machines

Factory Automation Services:

- ◆ CCTV Surveillance systems (Analog & Digital)
- ◆ Lighting upgrades & control automation
- ◆ Process water cooling & treatment systems
- ◆ Compressed air systems & leak detection
- ◆ Power usage monitoring & load leveling

Engineering Services:

- ◆ Statistical process evaluation
- ◆ Mechanical design & 3D CAD services
- ◆ Project management (MS Project)
- ◆ Equipment startup & commissioning
- ◆ Facility material flow & equipment layout



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