



# Engineered Software Products, Inc.

Engineered Automation and Power Solutions

Engineered Software Products, Inc. (ESP) is a control systems integrator delivering customized automation and control solutions to its clients that are unmatched in the industry. Founded in 1988 ESP specializes in process control, motor control and power solutions. They offer turnkey services that include project management, engineering, programming, equipment supply, panel fabrication, prefabricated electrical buildings, commissioning and support

Their design philosophy is based on developing client centric solutions. ESP's engineering techniques are focused on developing solutions that are expandable, modular and supportable by their client. They believe that their clients should have full control of the systems they develop. This gives each client the freedom of working independently if they choose.

Standardization is at the heart of their engineering principals. By developing and implementing standards that are repeatable ESP's clients realize a lower cost of ownership over the life of the system. It's a design approach that puts the client first.



One of ESP's strengths is their experience in a wide range of industries. Working in multiple industries has allowed ESP to transfer technology from one industry to another, creating innovative solutions to tough controls problems.

They have experience in the following industries:

- Energy
- Cement
- Environmental
- Food and Beverage
- Metals
- Mining and Mineral Processing
- Process Chemical
- Pulp and Paper
- Wastewater





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## Services Provided:

### PLC/HMI and DCS design, specification and supply:

- PLC and DCS hardware, prefabricated enclosure (PLC - AB, Modicon, Siemens, GE Fanuc, DCS – Rockwell PlantPAX,)
- HMI software, PC equipment (Wonderware, FactoryTalk – PlantPAX, iFix, Cimplicity)
- PLC/HMI/DCS plant control automation software application
- Network equipment
- Data Acquisition / Information Management
- Commissioning
- Long-term support

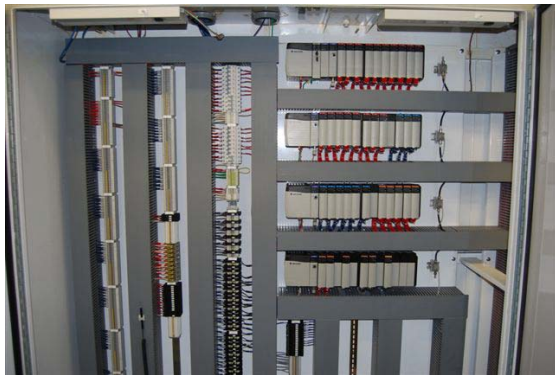


instrumentation between electrical houses and field devices

- Field marshalling panel specification and supply

### Engineering CAD design and documentation:

- Ground Fault / Arc Flash-Short Circuit and Relay Coordination Study
- Power single lines
- Motor Elementaries
- PLC enclosure exterior, interior layouts and 120vac/24vdc schematics
- I/O connection diagrams
- System Architecturals to detail PLC and HMI system interconnectivity



### High, medium, and low voltage electrical design, specification and supply:

- High voltage power distribution, switchgear and transformers
- Medium/Low voltage switchboards, MCCs, Softstarts and VFDs
- Prefabricated electrical houses (eCONTROL Center™)
- Conduit/duct bank/cable schedules for motor leads and field

