

**PAK/TEEM, INC.**

# Electrical Power & Controls

PAK/TEEM provides fully integrated power and control system engineering for a wide variety of industries. Our staff has the training and experience to understand client operations and their variables to optimize operations for reliability and efficiency. PAK/TEEM delivers automation systems using proven technologies such as PC-based graphical operator interfaces, programmable logic controllers (PLC), and integrated industrial networks to provide optimum performance and versatility. Our engineers and designers can either augment a client's technical staff or deliver full service, turnkey power and control system projects when in-house resources are not available.

## Technologies

- Motor and motion control - Allen Bradley, Baldor, Reliance
- PLC control - Allen Bradley, Aromat, GE-Fanuc, Mitsubishi, Modicon, Omron
- PC-based control - Iconics, Phoenix Contact, Taylor
- Factory networks - ControlNet, DeviceNet, Ethernet, InterBus, ModBus, ProfiBus
- HMI integration - Allen Bradley, CTC, IDT, Total Control
- Data acquisition - Intellution, RSVIEW, Wonderware
- Machine vision - DVT, Keyence, Omron

## Applications

- Process and assembly machine automation
- Packing line automation
- Power distribution
- In-line quality control using vision systems
- Hazardous area design
- Machine safety and control reliability

## Services

- Conceptual development and control strategy
- Engineering definition and design
- Control panel design and fabrication
- PLC programming
- Turn-key systems
- Installation and start-up

## Industries Served

- Consumer Goods Packaging
- Automobile
- Plastics
- Material Handling
- Chemical Processing
- Food Processing & Packaging
- Pharmaceuticals

