



Engineering-Driven Electrical & Automation Solutions — Streamlining Operations, Preventing Downtime, Future-Proofing Systems.

We help manufacturers eliminate root causes, extend system life, and deliver measurable ROI. Led by DSPE-Certified Master Electrician David Bremer, our full life cycle approach spans: Assess → Design → Implement → Validate → Sustain.

Core Services

Precision Troubleshooting

Engineering driven diagnostics with lean efficiency; faults resolved <3 hrs.; savings up to \$175K weekly

Automation & Controls Integration

PLC/HMI/SCADA support with engineered retrofit planning; changeovers cut from 6 hrs. to <1 hr.; ROI ~1,900%

Reliability planning informed by engineering analytics and lean practices; extend equipment life cycles by 20-30%

Industries Served

- Food & Beverage
- Packaging & Printing
- Fabrication & OEM
- Warehousing & Distribution
- Process Manufacturing

Value Proposition

We help facilities save costs, reduce downtime, and extend system life through proactive strategies. We're not just contractors — we're partners in efficiency.

Complimentary Walkthrough

Includes assessment of automation, electrical infrastructure, and maintenance practices — with actionable recommendations to streamline operations and extend system life.

Case Study Highlight

⚡ **Challenge:** \$5M automation upgrade with \$3,000/hr. downtime risk required reliable power, communications, pneumatics, and safe conditions

▢ **Root Cause:** Electrical undersized, no Ethernet, missing pneumatics, poor lighting/receptacles

☒ **Solution:** Installed oversized 100A panel, ran Cat 6 Ethernet, installed pneumatic oiler, added lighting/receptacles

☑ **Outcome:** Zero downtime, future proofed infrastructure, improved safety. Proven repeatable across 3 identical systems

↗ **ROI:** \$1,008,000 downtime avoided, \$25-\$40K redesign costs avoided, 2,090% ROI, <2 day payback

Full automation scope <1% investment ensured reliable \$5M project launch

Schedule your complimentary industrial walkthrough today.



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