

“I could talk to the longer-term visions with E Tech ... E Tech comes in with a much wider scope. They’re not just looking at what the plant wants them to do, they’re looking for other automation opportunities.”

Brian M., one of the largest food manufacturers in the U.S.



Robotics



Cybersecurity



Plant Optimization

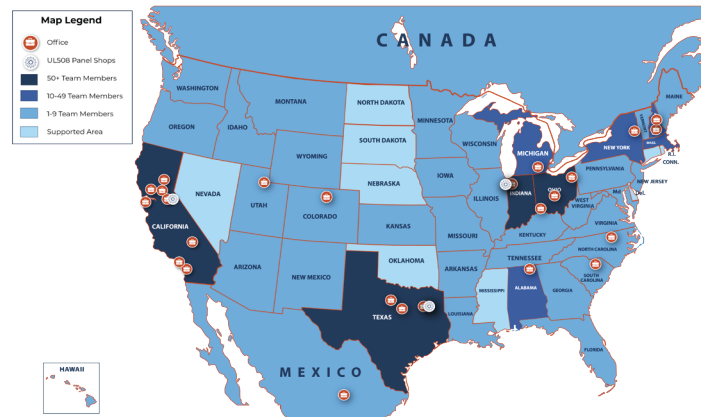


Data Analysis

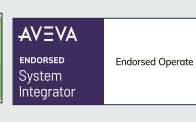
ABOUT E TECH GROUP

E Tech Group is one of the largest engineering and system integration firms in the United States. With resources throughout North America and more than 600 team members and over 450 engineers, we provide automation, control, and information solutions focused on:

-  Life Sciences
-  Consumer Products
-  Food & Beverage
-  Material Handling
-  Mission Critical
-  Mining and Aggregates
-  Metals
-  Advanced Materials



PARTNERS AND CERTIFICATIONS





E Tech Group offers a comprehensive suite of services to support our clients' unique needs:

ROBOTIC INTEGRATION

Traditional & Collaborative Robots

- ▶ Pick & place
- ▶ Bin picking
- ▶ Case erection
- ▶ Packaging
- ▶ Palletizing
- ▶ Specialized & custom applications
- ▶ Automation of manual tasks to reduce labor requirement
- ▶ Integrated vision solutions
- ▶ Integrated material handling
- ▶ Complete robotic cells
- ▶ Autonomous robotic solutions

MATERIAL HANDLING

Conveyance & Sortation Solutions

- ▶ Standard & High-Speed Solutions
- ▶ Belt, V-Belt, Gravity, Live Roller, & MDR
- ▶ Process/Batching Automation Product, Package & Pallet Handling
- ▶ Barcode & RFID Solutions
- ▶ Print & Apply
- ▶ Integrated Vision Solutions
- ▶ Autonomous Guided Vehicles (AGV's)
- ▶ Machine & Process Simulation
- ▶ Automated Storage & Retrieval Systems (ASRS)
- ▶ Warehouse Management

SAFETY SOLUTIONS

Ensuring OSHA & TUV Compliance

- ▶ Safety Assessments & Mitigation
- ▶ Turnkey Safety Solutions - TUV
- ▶ Mechanical Mitigation Solutions
- ▶ Risk Mitigation
- ▶ Validation
- ▶ Mechanical Design

CONTROL SYSTEM INTEGRATION

Controlling & Connecting Islands of Automation

- ▶ Control System Design, Build, Programming, Installation & Start Up
- ▶ Building Management Systems (BMS)
- ▶ HMI/SCADA Design, Configuration & Programming
- ▶ Alarm Notification
- ▶ Plant Data Historians & Reporting
- ▶ Simulation & Emulation
- ▶ Drive Systems & MCC's
- ▶ Motion Control
- ▶ Panel Design – Build UL 508A
- ▶ Plant Network Design & Implementation
- ▶ Electrical & Mechanical Subcontractor Management
- ▶ Turnkey and Retrofitting Project Design – Build – Deliver
- ▶ GMP Processes & Validation Services

ADVANCED IT/OT SERVICES

Beyond Simple System Integration

- ▶ Plant Network Design & Implementation
- ▶ Server Configuration and Set-up
- ▶ OT Plant Network Assessments
- ▶ Data Connectivity & Integration
- ▶ Dashboarding & KPI's
- ▶ Cybersecurity Assessments & Mitigation
- ▶ Active Directory Domain
- ▶ Custom Software Development
- ▶ Mobile Application Development & Deployment
- ▶ Virtualization & Digital Twin Development with Deployment
- ▶ Custom Software Development

MANUFACTURING INTELLIGENCE

Turning Data into Usable Information

- ▶ Data Analysis and Reporting
- ▶ Manufacturing Execution Systems (MES/MOM)
- ▶ OEE – Downtime Tracking
- ▶ Product Genealogy & Traceability
- ▶ Workflow Automation
- ▶ Paper to Glass
- ▶ Custom Software Development
- ▶ Serialization Solutions
- ▶ SQL Server Set-up and Implementation

E TECH EXCELS IN SOLVING COMPLEX MANUFACTURING PROBLEMS THROUGH ADVANCED & ADAPTIVE TECHNOLOGY



Robotics



Data Optimization



Automation