Driven by Purpose. Defined by Results. Delivering on Promises.

# **AUTOMATION SERVICES**

Turning Innovative Solutions into Reality





### ABOUT ESCO AUTOMATION

ESCO Automation, a proud division of ESCO Group, is a leading control systems integration firm with more than 25 years of industry experience. Based in Marion, Iowa, and supported by a dedicated team of over 400 professionals, we offer innovative, solution-driven strategies that optimize the performance and efficiency of our clients' operations, from concept to completion. As part of a larger organization specializing in electrical engineering, automation, electrical construction, and safety services, we provide comprehensive, customized support designed to meet the ever-changing demands of the industry.

# Strategically Located for National Coverage



MARION, IA



DES MOINES, IA





DENVER, CO





OMAHA, NE

MINNEAPOLIS, MN

## WHY PARTNER WITH ESCO AUTOMATION: TURNING SOLUTIONS INTO REALITY

At ESCO Automation, we drive progress through innovative engineering, cutting-edge technology, and precise automation, offering forward-thinking solutions that turn complex challenges into measurable outcomes. With the support of industry-leading design tools and a team of expert engineers, we provide scalable, practical automation solutions with a strong emphasis on quality, safety, and performance. Our proven approach—rooted in innovation, quality, and safety—ensures your project's success at any stage or location. As part of a dynamic organization that includes ESCO Automation, ESCO Power & Safety, and ESCO Electric, we offer enhanced resources to give our clients a competitive advantage. Our award-winning safety program consistently exceeds national benchmarks, maintaining an OSHA Recordable Incident Rate significantly lower than industry standards. Whether you're upgrading, expanding, or starting from scratch, ESCO is your trusted partner—reliable, efficient, and code-compliant. "Turning Solutions into Reality" is more than just a slogan; it's our promise.

-SOLUTIONS —

# **ESCO AUTOMATION INDUSTRIES**



BEVERAGE





**PROCESSING** 



POWER

GENERATION









WASTEWATER

MANUFACTURING

# WHAT WE DELIVER

# INNOVATION-DRIVEN SERVICES & EXPERTISE

CORE OF

INNOVATION

### **SYSTEMS INTEGRATION**

- SCADA Engineering with Virtualized Server Architectures
- Legacy PLC & HMI Modernization
- Turnkey Automation Solutions
- System Redundancy Design & Implementation

# IT/OT NETWORKING

- Industrial Cybersecurity Solutions
- Operational Technology (OT) Network Assessments
- OT Network Architecture Design & Implementation
- Disaster Recovery Planning

### **ENTERPRISE SOLUTIONS**

- Manufacturing Execution System (MES) Deployment
- Integrated Industrial Database Solutions
- Custom Software Development
- OEE & Operational Performance Analytics

#### **CONSULTING**

- Automation & Electrical Bid Package Development
- Front-End Engineering Design (FEED) Studies
- Modernization Roadmap
- Capital Planning

#### **PLANT SERVICES**

- Onsite Staff Augmentation
- 24/7 Remote & On-Call Technical Support
- Lifecycle Management Firmware & Software Upgrades

- Preventive & Predictive Maintenance Programs

#### **PANEL FAB/ASSEMBLY**

- UL 508A & UL 698A Certified
- Custom Control Panel Design & Assembly
- Comprehensive Factory Acceptance Testing (FAT)

### **ADVANCED MANUFACTURING SOLUTIONS** • Custom Machine Design & Build • Automated Guided Vehicles (AGVs) • Machine Vision • Precision Motion Control

# **ELECTRICAL CONSTRUCTION**

- Installations, Repairs, and Troubleshooting (24V-69KV)
- Onsite Maintenance & Support
- Fiber & Networking Installation
- Instrumentation Calibration & Certification

#### **POWER ENGINEERING & CONTROL PANEL DESIGN**

• Licensed Professional Engineering On Staff

- UL-Certified Control Panel & Power System Design
- Design-Bid-Build Documentation & Scope Development
- Turnkey IFC Drawings & PE-Stamped Packages

- NFPA 70E & NFPA 70B Compliance Training
- Arc Flash Hazard Analysis & Labeling
- Infrared Thermography, Ultrasonic & Ground Integrity Testing
- Comprehensive Plant Electrical and Safety Audits

## **GROUP PROFESSIONAL AFFILIATIONS**







**SIEMENS** 







SYSTEM PLATFORM









