



INNOVATION THROUGH AUTOMATION



Robotic Automation Systems

From small, stand-alone systems to large integrated processes, MWES custom designs each robotic integrated system for your specialized needs. We have designed and installed hundreds of robotic-based systems, from startup companies to Fortune 500 corporations.

Robotic automation systems can perform tasks faster, more accurately and more consistently which results in higher output, lower defect rates and a substantial return on investment. Robots can even handle hazardous and repetitive tasks with ease that may pose risks or challenges for human workers.

Our custom built solutions can include: customized robots, specialized End-of-Arm-Tools (EOAT), vision systems, safety enclosures, process monitoring, control systems and other specialized equipment, to help you and your organization improve your manufacturing process.

Robotics are ideal for adapting to changing demands and conditions in the manufacturing industry. This can enhance flexibility and innovation, as well as respond to your customer needs and preferences.

FEATURES & OPTIONS

- Dispensing & placement
- Bin picking automation
- Force/Torque integration
- High-speed vision inspection
- Robotic picking & packaging
- Press brake automation
- Painting & surface treatment
- Robot machine tending
- Vial filling automation
- Part wash systems
- Part assembly
- Custom designed automation



MIDWEST ENGINEERED SYSTEMS INC.

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WHY PARTNER WITH

Midwest Engineered Systems

Since 1991, MWES has provided automated manufacturing solutions that our customers and partners trust and depend on. We bring our world-class capabilities to any project with solutions that will bring about improved throughput and a return-on-investment.

No matter the industry, our dedicated staff of engineers are adept at understanding specialized and diverse processes from a variety of production environments, to deliver systems that are designed to solve the unique problems each customer is looking to solve.

YOUR AUTOMATION Solutions

- Full Factory Automation
- Assembly Line Automation
- Robotic Welding
- AGV & AMR Integration
- AS/RS Buffer Systems
- Web Handling & Converting
- Case Packing Automation
- Robotic Palletizing & Depalletizing
- Food Handling & Forming
- Vial Filling Automation
- Robotic Press Brake
- Standard Machine Tending
- Robotic Bin Picking
- Robot Laser Cutting
- Custom Machines
- New Product Introduction
- Additive Manufacturing
- Proof of Principle Testing

INTELLIGENT

EXPERIENCED

DEDICATED

WE ARE INNOVATION THROUGH AUTOMATION

RESPONSIVE

EFFICIENT

SUPPORTIVE

TRUST US WITH YOUR DATA

MWES is ITAR Compliant

We pride ourselves on our secure facilities, systems and processes that ensure our customer's and partner's trade secrets is our top priority.

WE HAVE YOUR BACK WITH 24/7

Customer Service & Support

We offer prompt **24/7** service and support for all of our products and provide support for systems developed by other automation integrators.

- Technical support
- Preventative maintenance
- Replacement parts
- On-site system integration
- Operator, programmer & maintenance training
- Field service for most robot brands
- Productivity improvements
- System retrofits & upgrades
- HMIs – standard & custom
- System modernization
- Offline programming
- Entire automation system audits

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