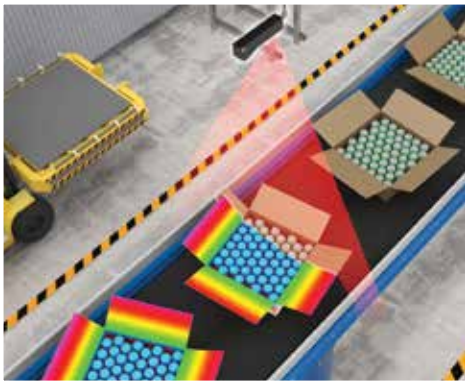
HTE AUTOMATION

a business unit of HTE Technologies



- HTE VALUE-ADDED SERVICES
- AUTOMATION & MOTION CONTROL
- PLCs, HMI, & INDUSTRIAL PCs
- MACHINE SAFETY & GUARDING
- MACHINE VISION
- BARCODE READING, PARTS TRACEABILITY & ID MARKING
- SMART SENSORS
- ROBOTS – COLLABORATIVE, MOBILE, & TRADITIONAL
- CONVEYORS, ACCUMULATORS, & PARTS FEEDERS
- ELECTRICAL ENCLOSURES & PANEL ASSEMBLY
- IIoT CONNECTIVITY – LOCAL & WIRELESS REMOTE
- STRUCTURAL FRAMING

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VALUE-ADDED SERVICES

We deliver the tailored solutions you need using our comprehensive manufacturing engineering skills honed over decades of practical in-plant experience.

TECHTEAM

ASSOCIATION FOR HIGH TECHNOLOGY DISTRIBUTION AHD

ria Robotic Industries Association

CONTROLS PROGRAMMING

- Streamline and/or upgrade your machine programming

COBOTS, ROBOTS, & AMR INTEGRATION

- Robot proof-of-concept testing to final implementation
- In-plant Autonomous Mobile Robot (AMR) system discovery, planning, specification & implementation w/JMP Solutions

VISION INTEGRATION

- Development and implementation of turnkey barcode traceability, and/or machine vision systems integrated solutions

CERTIFIED TRAINING

- Universal Robots Authorized Training Center
- Control system & component training
- Barcode ID systems and machine vision training

COMPONENT ASSEMBLY

- Custom electrical control cabinet preassembly
- Control panel assembly & wiring
- OEM device sub-component assembly

PROOF OF CONCEPT

- Collaborative program to prove out your ideas

ASSEMBLED SOLUTIONS

- Customized products built-to-order
- Mobile carts
- Custom robot stands

IN-PLANT FIELD SERVICE

- When you need engineering skills you don't have on-staff, our experienced *TECHTEAM* can help

OEM PARTS KITTING

- Reduce line-items ordered and take delivery of one item

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AUTOMATION & MOTION CONTROL

Mitsubishi PLC Programmable logic controllers, safety controllers – stand-alone or rack-mounted

Mitsubishi HMI OIT, soft GOT, PC software

Mitsubishi Servo Servo systems, motion controllers, servo motors, linear motors

Mitsubishi VFD Variable frequency drives, fractional HP – 1,000+ HP

Advantech Rugged industrial PCs, touch screens, touch screen computers, ethernet switches, network interface adapters

Applied Motion Products Stepper motor drives, 2-phase hybrid step motors, encoder-feedback stepper drives, integrated drives + motors

Apex Dynamics Precision planetary gear heads, fast, affordable, precision, straight and right-angle, precision rack & pinion

Nabtesco High precision, high payload gearbox and positioner units, precision indexing units

R+W Coupling Technology Precision servo couplings, mechanical torque limiters, high stiffness torque tubes and jack shafts

Wago Programmable I/O to support all major network interfaces, industrial PCs

WorldWide Electric Affordable AC induction motors, DC motors

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ROBOTICS

UNIVERSAL ROBOTS
Preferred Distributor

Universal Robots Empowering People. The world's #1 collaborative industrial robot that teams up with people outside of safety cages, and requires no expensive programming or integration.

EPSON
EXCEED YOUR VISION

Epson Worlds #1 SCARA robot and traditional robots that offer high precision, speed, performance, ease of use, and now with force guided sensing and optional machine vision - the highest industry value. World's only single source integrated vision guided 3D picking system.

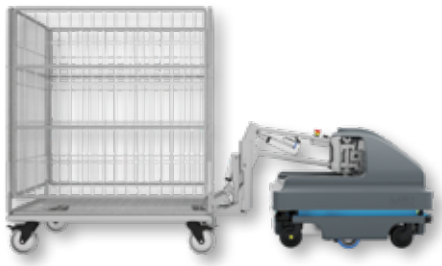
MiR
MOBILE INDUSTRIAL ROBOTS

Mobile Industrial Robots (MiR) Autonomous Mobile Robots for automation of internal transport and logistics solutions. Optimize workflows, increase productivity, reduce costs, all with a rapid ROI of 8-16* months.

ROEQ
ROBOTIC EQUIPMENT

ROEQ Productivity platforms for MiR autonomous robots including pallet loading, trailer, and cart modules.

UR20
44.1 lb Payload
68.9" Reach



UR3e
6.6 lb Payload
19.7" Reach

UR5e
11.0 lb Payload
33.5" Reach

UR16e
35.3 lb Payload
35.4" Reach

UR10e
27.5 lb Payload
51.2" Reach

All-In-One
6-Axis Robots
Priced Under
$14,595*

All-In-One
SCARA Robots
Priced Under
$9,995* - 13.2 lb
$7,895* - 6.6 lb

*Prices subject to change without notice

END-OF-ARM TOOLING, ACCESSORIES & ROBOTIC SYSTEMS

Robotiq Rapid robot deployment with Robotiq's plug and play end-effectors, multi-axis force and torque sensors, palletizing solutions, and remote monitoring of robot solutions

Melton Machine MIG and TIG collaborative welding systems.

AIM Dispensing units for collaborative robots

ATI Industrial Automation Engineering-based developer of robotic accessories and robot arm tooling

Coval Vacuum Technology Vacuum end-effectors

OnRobot Tool solutions for collaborative robot applications

Schunk Grippers for collaborative robots

Swivellink Intelligently designed mounting systems

Triple-A Wingman Robot tool changer

Vention Robotic 7th axis solutions

MECHANICAL ACTUATORS

Tolomatic High-force electric linear actuators, all with long-lasting standard planetary roller screws

Accu-Tech USA Smooth acting, precise and long lasting linear guides and ballscrews

Intelligent Actuator (IAI) Easy-to-use programmable actuators (RoboCylinder)

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CONVEYORS & PARTS FEEDERS

Dorner Conveyors for many manufacturing tasks including: accumulation, depositing & rejects, diverting & sorting, elevation change & line egress, indexing & positioning, inspection & testing, merging, product flow & control, product handling systems. Each of these functions could be accomplished according to standards for food, pharmaceuticals, or general industrial.

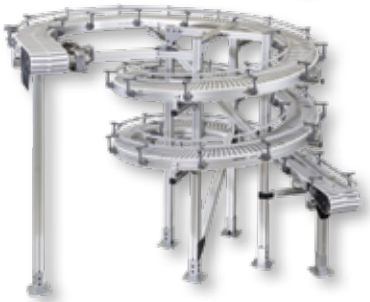
Garvey Accumulation tables & conveyors.

Epson Vibration feeders with software integrated to Epson's robot software.

Asyril Vibration feeders. Asyril adds platform structured surfaces and backlit surfaces together with industrial vision and precision robotic technology to deliver a system that operates at optimal speed, accuracy, and flexibility.

Accumulation Table

Precision Move Pallet System



FlexMove Helix Conveyor

AquaPruf Vertical

Sanitary AquaGard

Backlit Belt

MACHINE SAFETY & GUARDING

Pilz Programmable safety controllers, safety relays, safety light curtains, emergency stops & pilot devices, stop time analyzers, non-contact safety sensors, interlocks, switches, monitoring relays.

Datalogic Safety solutions for automation include products and components that help minimize the danger for worker and machine.

Balluff Balluff safety solutions for automation include products and components that help minimize the danger for worker and machine.

ABB Programmable safety controllers, safety relays, safety light curtains, emergency stops & pilot devices, stop time analyzers, non-contact safety sensors, interlocks, switches, monitoring relays.

Parco T-slotted aluminum extrusion, structural framing, grooved or smooth profiles, kits, full assemblies, 3D designer.

Wirecrafters T-slotted aluminum extrusion, structural framing.

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MACHINE VISION

Zebra-Matrox Imaging Matrox Iris GTX smart cameras handle both traditional machine vision workloads as well as deep learning inference. These smart cameras also offer real-time digital I/Os for interfacing directly to automation devices.

LMI Technologies 3D Machine Vision captures the shape of an object as opposed to 2D which only captures contrast. With 3D shape, you can measure geometric features on a surface regardless of surface color.

SensoPart Vision sensors for factory automation with classification of objects made easy with integrated AI.

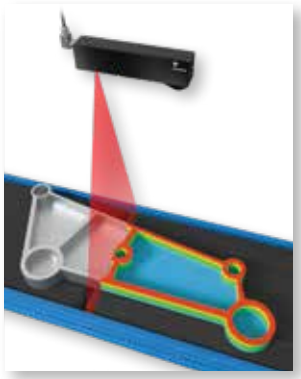
DataSensing Machine Vision Machine vision helps manufacturers speed up production, minimize defects, and reduce costs with 2D and 3D machine vision systems.

Photoneo 3D machine vision for robotic bin-picking.

Edmund Optics Precision lenses for industrial vision.

Moritex Machine vision lenses and lighting systems.

Smart Vision Lights Machine vision lighting and filters.



BARCODE READING, & PARTS TRACEABILITY

Datalogic Barcoding The world leader in barcode reading with a broad range of fixed-mount, in-counter, and handheld barcode scanners, Datalogic has the optimal solution for your product traceability, inventory, warehouse scanner, or direct part marking and product ID applications.

Datalogic Laser Marking A complete range of products and solutions based on fiber laser, solid state and CO2 technology. Clear and permanent logos, 1D and 2D codes, serial numbers and dates on most industrial materials.

Balluff RFID systems are designed for the toughest environments and connect to almost any control network. Balluff can handle almost any ID application in industrial plants.

SMART SENSORS

Balluff Premium sensors for a wide range of application requirements, from presence detection and position measurement to level detection and pressure.

DataSensing Light-based technology including fork sensors, through-beam emitters and receivers, vision sensors, fixed focus, background suppression, luminescence, color, contrast, dimensional sensors.

Tri-Tronics Photoelectric sensors, controls, fiber optic light guides, and rotary optical encoders. Designed and manufactured to provide high quality performance for a wide variety of industrial applications.

Baumer Presence and distance sensors, rotary encoders, and angle measurement.

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IIoT CONNECTIVITY & IN-PANEL PRODUCTS

ABB Low Voltage Products Contactors, starters, disconnects, and fuses.

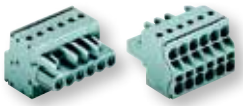
Advantech Industrial PC, WEB-OP, HMIs, communications gateways, managed and unmanaged ethernet switches.

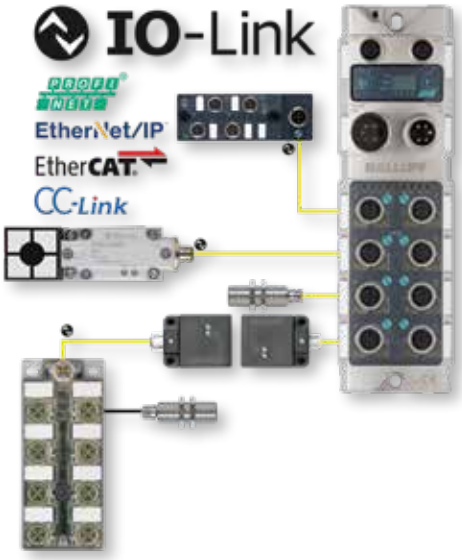
Balluff Industrial cordsets, active (network) and passive sensor interface blocks, non-contact power and signal transmission, power supplies.

Murrelektronik Industrial cordsets and connectors, active (network) and passive interface blocks, power supplies and conditioners, panel interfaces.

Red Lion Controls (Formerly MB Connect Line) Panel meters, remote maintenance, and remote monitoring system solutions

Wago Din rail terminal blocks with cage clamp® technology, field I/O systems, programmable network interfaces, power supplies.





ELECTRICAL ENCLOSURES & STRUCTURAL FRAMING

Rittal Systems Industrial enclosures (free-standing modular, wall-mount, junction box, stainless steel) Ask about receiving custom enclosures preassembled.

Parco T-slotted aluminum extrusion, structural framing, grooved or smooth profiles, kits, full assemblies, 3D designer.

ENCLOSURE CLIMATE CONTROLS

Rittal System Climate Control Roof mounted, top mounted, wall-mounted, re-cooling systems, air / water heat exchangers, water / water heat exchangers.

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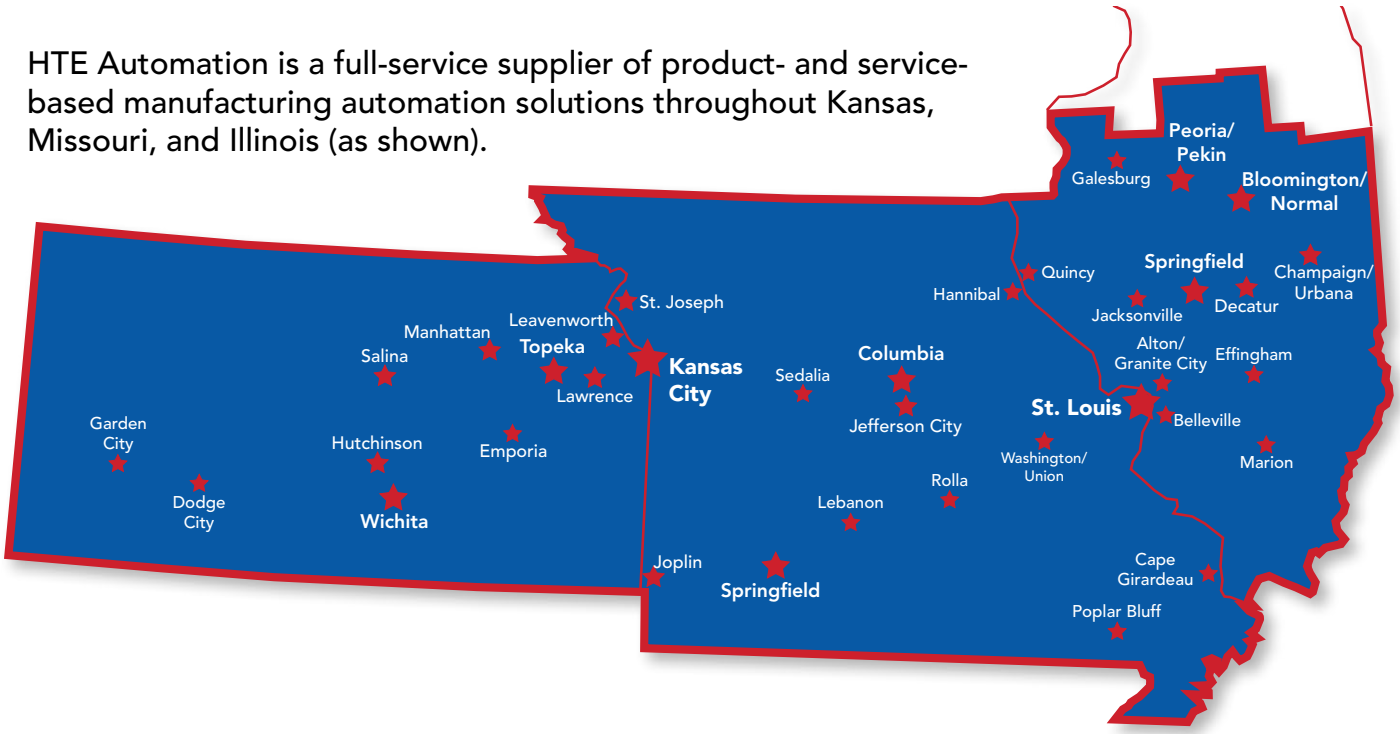
TECHTEAM

SUPPLIERS

ABB Low Voltage
ABB Safety
Accu-Tech USA
Advanced Illumination
Advantech
Aim Robotics
Apex Dynamics
Applied Motion Products
Asyril
ATI Industrial Automation
Balluff Corporation
Baumer
Coval Vacuum Technology
DataLogic
DataSensing
Dorner Conveyors
Edmund Optics
Epson America
Flexxbotics
Heidenhain
IAI (Intelligent Actuator)
LMI Technologies
Matrox Imaging
MiR Robots
Mitsubishi Electric Automation
Moritex
Murrelektronik
Nabtesco
Newscale Robotics - Q-Span
OnRobot
Parco
Photoneo
Pilz
Red Lion Controls
Rittal
Robotiq
ROEQ
R+W Coupling Technology
SensoPart
Smart Vision Lights
Swivellink
Tolomatic
Triple-A Wingman
Tri-Tronics
Universal Robots
Wago
WorldWide Electric
Zebra-Matrox Imaging

HTE Automation is a full-service supplier of product- and service-based manufacturing automation solutions throughout Kansas, Missouri, and Illinois (as shown).



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