

# INDUSTRIAL AUTOMATION

PRODUCTS & SOLUTIONS

800-676-8805





## Industrial Automation Software

Offering industrial software for information management, HMI, supervisory control, and asset performance management.

### Featured Solutions:

- Process Historian for gathering and displaying plant data to enable better informed decisions on premise or in the cloud
- Industrial strength, task, and workflow management for operators in the field
- Customer maintenance and asset management with SCADA integration
- Device Connectivity via 150+ device drivers, client drivers, and advanced plug-ins
- Video surveillance and console recording
- PLC, SCADA, and document version control
- Alarm notifications



Comprehensive technologies such as IIoT, edge, cloud, artificial intelligence, advanced 3D visualization, and the digital twin to help drive digital transformation. Offering industrial software for supervisory control, HMI, information management, and asset performance management to increase visibility and improve operations throughout the enterprise.



Supplies communication drivers for automation controllers, I/O, and field devices. Operating system support includes Microsoft Windows Desktop, Server, and Embedded (Windows CE and Windows NT/XP Embedded).



An enterprise source management solution to protect, save, restore, discover, and track changes in industrial programmable devices and documents. AUVESY-MDT can "undo" with its ability to access and download the correct automation program to the device quickly.



A comprehensive, cost-effective alarm management and alarm notification tool that is being used successfully wherever data measurements need to be monitored.



Alarm notification software that supports one or two-way email notifications. SMS based notifications support standards and modems used worldwide. Also offers notifications via Voice over Internet Protocol (VoIP), as well as over fixed/analog lines; both as a backup should the Internet go down.



Advanced video monitoring system to minimize manufacturing downtime while improving worker safety and process visibility. Longwatch integrates into existing process control systems and into existing process control systems.



Support for automation software tools including ActiveX controls, DDE servers, OPC servers, development toolkits, and more. Software Toolbox collaborates with clients to decide the right tools to use with product and application support services.



A software solution for automation networks that enable secure centralized configuration and deployment of applications content to every PC, thin client, mobile device, and user.

## Human Machine Interface

Device and software for access and control of machines in process to provide you with actionable data and insight.



Modern HMIs that supply more than just process visualization. Offering advanced situational awareness design to help operators see what is happening, focus on the problem, and deliver relevant screens.



High-end HMI's (with or without control) that feature integrated development with Emerson PLC/PAC products. QuickPanel+, a multi-touch and capacitive touchscreen, makes it simple to interact with data from connected machines without IT support.



MPC Series panel computers and MD Series displays for hazardous locations. Approved certifications include UL/C-UL Class 1 Division 2, ATEX Zone 2, IECEx Zone 2 for explosive environments, and DNV GL, ABS, LR, NK, and CCS for marine operations.



The leader in providing HMI offering the widest range of integrated control products in the world with a core competency focusing on industrial and commercial automation products, including all in one programmable controllers, operator interface devices and a variety of I/O devices.



With a variety of options, Red Lion is the right choice for industrial (Human Machine Interface) HMI panels. From factories to extreme remote locations, these HMIs enable customers to easily connect, monitor, and control processes across a diverse range of industries.



The unique interaction Between Parker's InteractX Software and InteractX PowerStation reduces the time, effort, and cost of SCADA application development.

## Industrial Computing

Industrial hardware built to withstand harsh environments such as high temperature ranges, dirty, dusty, and wet conditions.



*Enabling an Intelligent Planet*

Supplies application ready platforms from industrial workstations, industrial-grade CPUs control motion, high quality industrial computers, serial device servers, and automation controllers.



Extensive range of industrial grade fan less computers and displays for tough environments. Devices are built to operate reliably in extreme conditions.



The RXi – Panel PC portfolio ranges from 7" to 24" screens in a widescreen format, with 7" to 15" models also available with outdoor sunlight readable screens.



Simple, dependable, and available industrial PC for HMI/SCADA, analytics, and IIoT. Simple virtualization platform for HMI, analytics, or IIoT. No IT required.



Large LED displays to visual management solutions, Red Lion provides equipment for integrating, monitoring, and control functionality into systems and processes.



Rugged Industrial PC computers and industrial monitors for hazardous automation markets including tablets, PDAs, vehicle mounts, and sunlight readable industrial touch monitors.

## Machine Control / Safety & Data Acquisition

Programmable, innovative, PLCs, PACs, I/O and more for process control to increase safety and improve data acquisition.

### Featured Solutions:

- Safety solutions for integrated machine control
- Advanced control, communication and I/O products based on legacy TI 505 program
- Modernizing for aging control systems
- Metering devices for energy monitoring and management
- Remote I/O and RTUs



Expanding on traditional PLCs, Emerson's PAC controllers provide a highly reliable, high-performance advanced control platform for discrete logic, motion, and process control.



Integrating intelligent, easy and cost-effective safety solutions into your applications with sensors, fieldbus, remote and discrete I/O, interface technology, and RFID systems.



Edge-connectivity products that bridge various industrial devices to backbone networks in order to streamline the acquisition and transmission of data, voice, and video. Offering serial/USB connectivity protocol gateways, and smart I/O devices.



Industrial all-in-one controllers, consisting of programmable HMI, I/O, software and peripherals with add-on I/O, remote/cloud technology, and expansive line of products.



From industrial controllers and data acquisition products to PID controllers and I/O modules, Red Lion provides an assortment of automation solutions for control and data collection in industrial applications.



Designs and manufactures advanced control, communications and I/O products for process control based on the legacy TI 505 platform.



Safety solutions include machine safety, sensor, control, and actuator technology. Their automation solutions consider the safety requirements of your machines and plants.



With a range of sensors, control devices, logic units, and fencing, ABB Jokab Safety offers intelligent machine safety solutions.



Offering Solid State and Remote Phosphor LED Lighting that has superior efficacy, glare reduction, light distribution, and life cycle improvement.

## Communication & Networking

Industrial network architecture and communication products to improve reliability, security, and performance.

### Featured Solutions:

- Industrial Ethernet, managed/unmanaged switches, serial connectivity
- Fieldbus cabling and I/O drops to increase system availability and efficiency
- Secure, remote management for programming, control, and data logging
- High capacity, narrow band point-to-point radios
- Optimizing IIoT connectivity



A leading provider of edge connectivity and network infrastructure solutions through remote automation, managed/unmanaged switches, computing, serial connectivity, and IP surveillance.



Offering more than 15,000 sensor, interface, connectivity, and fieldbus technology products, as well as RFID systems. Turck's products and automation solutions increase the availability and efficiency of your systems.



With support for more than 300 industrial protocols, Red Lion helps devices from different manufacturers communicate. Offering N-Tron® and Sixnet® series Ethernet switches, cellular M2M devices and communication converters to address a wide range of networking requirements.



Ensuring dependable mission critical networks with a full range of data communication products, switches, routers, extenders, and converters.



Providing a full line of Ethernet products, protocol converters for network appliances, SDN network switches and PCIe adapters that support SDN and NFV for telecommunication, NFVI and edge computing applications.



Secure and easy remote access to PLCs, HMIs, and other automation equipment. The solution consists of a control unit at the factory (SiteManager™) and a Web or Windows based client (LinkManager™) for an engineer or end-user.



Private wireless networks that are industrial strength and used to build a highly dependable, secure, manageable, and scalable foundation that meets the performance and capacity required for one or many applications.



Resolute and robust, 4RF radios are designed for quality and consistent high performance no matter how demanding your requirements. The Aprisa SR and Aprisa SR+ are distance engineered and optimized for SCADA and telemetry applications.



Radios that capture and transmit data from devices such as sensors, gauges, valves, robots, drones, and unmanned vehicles over long distances in clear line-of-sight environments and harsh environments.

## Drives & Motors

Advanced drive/motor technology and protection solutions to improve the efficiency of energy use, optimize process control and reduce the need for maintenance.

### Featured Solutions:

- Variable Frequency Drives (VFDs) for motor speed and torque control
- Reducing energy consumption without reducing output
- Ultra-low harmonic drives to reduce noise in the electrical network
- EtherNet/IP connectivity



Builds advanced drive technology that is flexible for you to optimize all your processes and controls. Their all-compatible drives are designed to deliver unparalleled ease of use and reliability. The AC/DC VFDs with several families offer you specific drives for your industry.



Offering energy efficient UL motors including the popular Super-E family, generators services, and expertise to save energy and improve your processes. Combine a Baldor motor with an ABB drive and you can rely on reliable design to meet motor control applications.



Protect your drive and motor investments with active and passive harmonic filters, drive output filters and line reactors. TCI provides a variety of solutions to improve power quality, reduce energy costs, extend motor life and performance, and protect sensitive equipment in applications.

## Panel Equipment

One-stop-shop for equipment to monitor, control, and power your industrial applications.

### Featured Solutions:

- Compact high- efficiency cabinet power supplies
- Polycarbonate, carbon, and stainless steel enclosures
- Motor control and protection for high performance devices



A full range of low voltage solutions to connect, protect, control, and measure a wide range of electrical installations, enclosures, switchboards, electronics, and electromechanical devices. Products include arc guard systems, contactors, electronic relays and controls, fieldbus devices, pilot devices, power supplies, sensors, signal converters, soft starters and more.



Power supply products with high reliability, long lifetime, and ease of use. They are simple to install and have the highest energy efficiency.



Energy efficient low and medium voltage transformers for extreme conditions and customers needing equipment that can survive and perform demanding, complex applications.



Enclosure thermal management products that help some of the largest companies worldwide stay cool and safe, protecting and keeping electronic equipment running to avoid costly downtime. Also offering visual and audible signaling devices.



A wide range of non-metallic enclosures featuring over 150 assorted sizes and configurations. Standards including NEMA 4X, 6P and IEC 60529 IP66, and IP68 integrity.



Electrical enclosures and customized panels with fabrication capabilities with carbon and stainless steel. They offer a wide variety of enclosures with environmental ratings to keep your electrical components clean, dry, and protected.



DIN Rail mount industrial power supplies and converters as well as NEMA 3R transformers. Each of the Industrial Control Transformers is backed by an industry-leading 20-year warranty.

## Robotics

Industrial robots are automated, programmable and capable of movement on three or more axis to perform dangerous, dirty, or repetitive tasks with consistent precision and accuracy.

### Featured Solutions:

- High-performance, industrial robots that are easy-to-use and offer powerful and precise control.
- Collaborative robots with intuitive, 3D visualization that are safe and easy to program

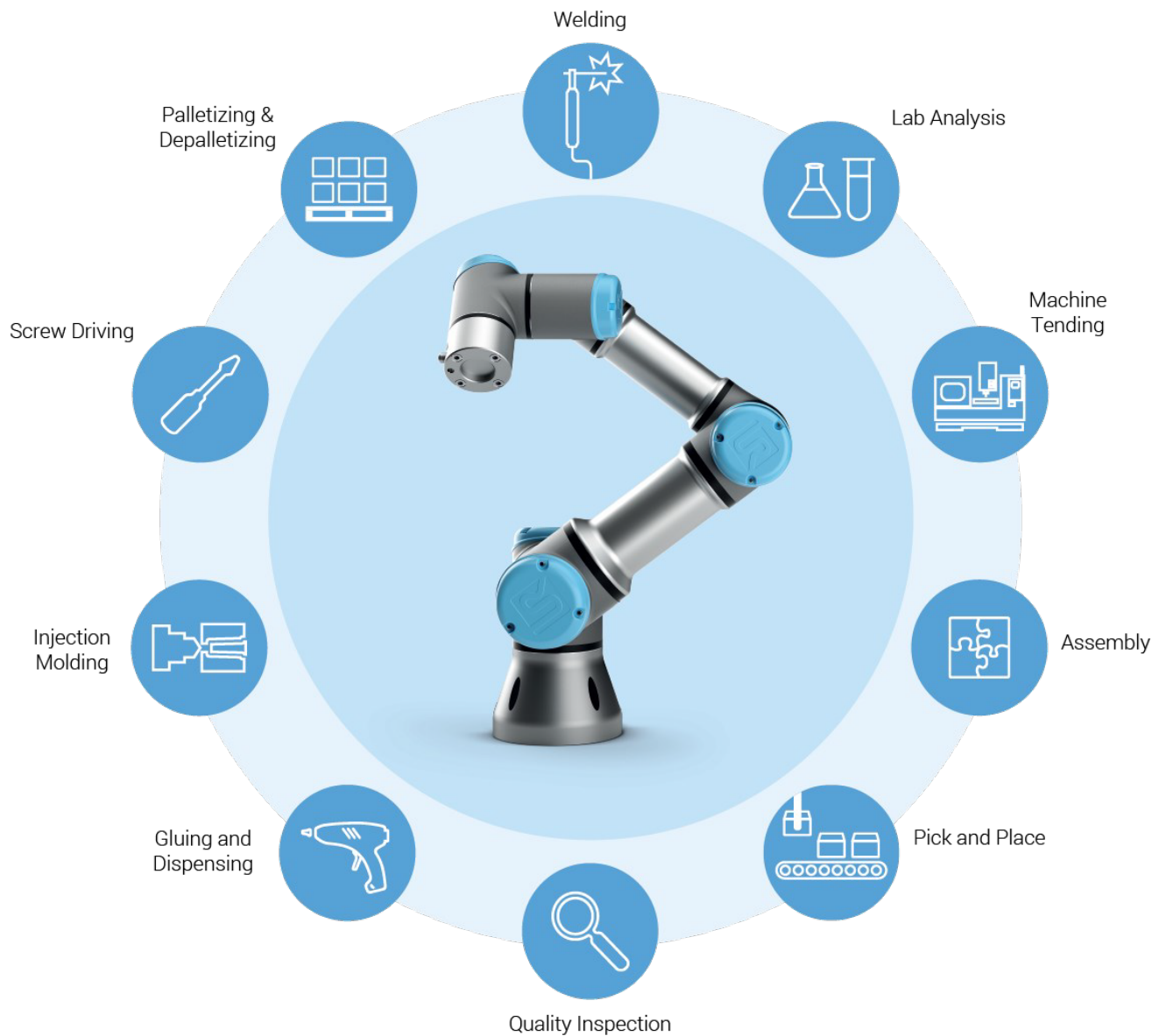
### UNIVERSAL ROBOTS

Cobots are designed to share a workspace with humans, making automation easier than ever before for businesses of all sizes and for many applications including machine tending and welding. They are easy to program, fast to set up, flexible, and safe.

### YASKAWA

Specifically designed to provide simple, intuitive robot programming methods for customers branching out into robotics, the Smart Series line includes the collaborative HC10DT robot, the industrial MotoMini robot, the GP7, GP8, and GP12 robots, as well as the Smart Pendant and the YRC1000micro robot controller.

## Applications





## Robotic Grippers, Accessories, and Application Kits

Robotic components designed to streamline deployment and are easy-to-use.

### Featured Solutions:

- Simplified application kits
- Certified plug-and-produce peripherals
- Product configurators and software



ROBOTIQ offers sanding kits, vacuum grippers, CNC machine tending kit, wrist cameras, and more. Along with the ability to simplify collaborative robot applications helping factories start robots in production faster.



Full line of innovative Plug & Produce solutions for collaborative robot applications. Our electric grippers, force/torque sensors, tool changers, vacuum grippers, and award-winning Gecko technology help manufacturers gain the full advantages of automation, including ease of use, cost-effectiveness, and safety alongside human workers.



As a solution supplier, Pilz services encompass the entire machine life cycle, including risk assessment, safety concept, safety design, and more for robotic applications. Pilz offers safe sensor technology, control technology, drive technology, operator visualization systems, consulting, engineering, and training.



SCHUNK offers 4,000 standard components and more than 12,000 implemented gripping system solutions. Mechatronic SCHUNK grippers, gripping hands, rotary modules, lightweight arms, and the modular system.



AsyriL are true experts in flexible feeding systems. Their Asycubes are high performance flexible feeding systems for parts from .01mm up to 150mm in size and can be combined with their EYE+ vision system to make it easy for anyone to setup and teach new parts.



VersaBuilt Robotics is a leading technology company providing robot automated CNC solutions to manufacturers worldwide. Offering CNC Application Kits, Multi Grip CNC Work holding System, MultiGrip robot grippers, VersaCart and more.



Whether for the identification or inspection of objects, positioning tasks, mounting, handling applications, or numerous other sensory tasks in the robotics industry. SensoPart offers simple reliable solutions using ultramodern technologies, designed with interfaces for the integration into future-oriented infrastructure.



Schmalz offers grippers and vacuum generators for all common cobots and lightweight robots. Providing individual optimum solutions for a wide range of applications that are easy to select and integrate.

## Training

We offer authorized Universal Robots training centers in Kansas, Nebraska, and Missouri.

With hands-on training and small groups, Logic, Inc. offers an experienced training staff that has helped countless people like yourselves achieve their company's initiatives of training to properly utilize cobots, identify opportunities for improvement, and minimizing troubleshooting time. Maximize the return on your investment and become a robotic professional with our certified classroom training approved by Universal Robots.

## Precision Motion Control & Mechanical Components

Cutting-edge technology for moving a specific load or implementing a application in an controlled fashion with high-level function.

### Featured Solutions:

- Programmable motion controllers, drives, and motors
- Servo motors for extreme environments



The leading manufacturer in brushless AC servos, digital amplifiers, linear motors, direct drive motors, and multi-axis controllers helping you create a motion automation system with the highest quality and reliability.



by Schneider Electric

Innovative motion control solutions in brushless motor technology and electronic controls for applications demanding highly precise controlled movement including robotics, medical, assembly, semiconductor, packaging, engraving, and pick-and-place.



Complete motion solutions including automation control, servo systems, stepper systems, and linear motion systems that combine speed, accuracy, and high-load capability.



Supplies a wide range of motion control solutions including programmable motion controllers, servo motors, linear motors, rotary servos, and more for a variety of applications.



Offering an easily programmable servo motor without the separation of a cabinet of controls and circuits and with the independence of a drive, amplifier, and encoder all in one compact package.



Featuring stepping motors and selected brushless servo motors for positioning applications that demand sealed motors for wet, dusty, or hazardous environments, specialty motors for vacuum, radiation and extreme temperature operation, or high-power stepper and servo gearmotors.



Offering linear and mechanical motion components and systems. Macron products are built with the highest quality and engineered to withstand the abuses of rigorous, daily usage. The result is a combination of versatility, positioning repeatability durability, and virtually maintenance-free operation.



As a leader in linear motion products Ewellix designs, manufacturers, and customizes linear actuators, lifting columns, high-performance actuators, ball & roller screws, linear guides, and linear systems. Ewellix also has their LIFTKIT and SLIDEKIT 7th axis positioners which are plug and play for collaborative robots.





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## Logic, Inc.

Logic, Inc. is a high-tech distributor that promotes technical solutions to ensure your success with automation. Over the past four decades, we have grown to lead the automation tech industry through employing an expert workforce, taking responsibility for products and solutions we promote, and committing to extensive knowledge through training, in-house product set-up and mastery, as well as on-site demonstrations of customer-specific solutions.

### We offer:

- A dedicated support (tech team) available for phone or locational support and troubleshooting
- Investment in Logic's infrastructure, resources, and people to ensure the best experience for our customers
- 24-hour customer portal access for easy ordering, order history, and review of tech cases
- Knowledge-based website with manuals, datasheets, tech articles, and tech videos
- Robust offering of customer training as well as free educational events
- Lengthy relationships with top vendors advocating quality, price, and delivery



[www.logic-control.com](http://www.logic-control.com)