

Automation World 2022 Leaders in Automation Categories

<p>Control</p> <ul style="list-style-type: none"> • Data Acquisition • DCS • Enclosures • Flow Control Software • Industrial PCs • Instrumentation • MES/MOM • Microcontrollers/Embedded Control • Operator Interface Panels (HMI/SCADA) • PLCs/PACs • Process Control • RTUs • SCADA/HMI Software 	<p>Power</p> <ul style="list-style-type: none"> • HV Switchgear • LV Switchgear • MV Switchgear • Power Supplies
<p>Industrial Networks</p> <ul style="list-style-type: none"> • Cables, Wiring, Connectors • Cloud Computing • Edge Computing • I/O modules • Mobile Devices/Wearables • Network Management • Networking hardware (routers, switches, etc) • Protocols • Remote Access • Safety Networks • Wireless 	<p>Safety</p> <ul style="list-style-type: none"> • 2-hand control devices • E-stops • Enabling Devices • In-Series Diagnostics • Indicator Lights • Light Curtains • Safety Controllers • Safety Interlock Switches • Safety Scanners • Tower Lights
<p>Automatic Identification</p> <ul style="list-style-type: none"> • Barcodes • Code Readers • Datamatrix • QR Codes • RFID 	<p>Sensing</p> <ul style="list-style-type: none"> • Discrete Sensors • Encoders • Process Sensors • Vision Systems
<p>Motion Control</p> <ul style="list-style-type: none"> • Motion control software • Actuators • Drives • Hydraulics/Pneumatics • Motor Starters • Motors • Pumps • Valves 	<p>Operations Software</p> <ul style="list-style-type: none"> • Alarm Management • EAM • Energy Management • ERP • IoT Platforms* • Maintenance/Reliability • Quality • Security • Supply Chain • Track and Trace
<p>Robotics</p> <ul style="list-style-type: none"> • Collaborative robots • Delta robots • SCARA • 6-axis • Cartesian 	<p>Design Software</p> <ul style="list-style-type: none"> • CAD/CAM/CAE • PLM • Simulation & Modeling
	<p>Analysis Software</p> <ul style="list-style-type: none"> • Analytics • Digital Twin • Historians
	<p>Visualization Software</p> <ul style="list-style-type: none"> • Augmented Reality • Mobile Devices/Wearables • Dashboards

* This is more than networks, as it includes app development for plant ops and can even include MES, SCADA, HMI and others. (E.g., Inductive Automation.)