

the  
**journal**  
from Rockwell Automation and our PartnerNetwork™

NOVEMBER 2023



# UNLOCK

## CONTINUOUS IMPROVEMENT

Manufacturers must transform their facilities  
to unlock enhanced continuous improvement  
in safety, sustainability and agility.



2023 AUTOMATION FAIR  
DIRECTORY ISSUE



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Learn more about the event and how to register:  
[rok.auto/AutomationFair](https://rok.auto/AutomationFair)

**Register now!**



**NOVEMBER 6-9, 2023** | Boston, Massachusetts, USA





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Digital transformation helps manufacturers use safety, sustainability and agility as the keys to opening potential for continuous improvement & profitability.

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The premiere event for industrial automation and digital transformation now spans four days and features a Summit Series, customized experiences and more.



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ADDITIONAL RESOURCES

Q&A

**Ease Migration from Legacy Systems to a Modern DCS**

In this interview, *The Journal's* Executive Editor Theresa Houck talks with Rockwell Automation experts about how to ensure success when upgrading to a DCS. Read their Q&A.

<https://bit.ly/tjra23dcs>

SPECIAL REPORT

**eBook Explains Smart Sensors in Industrial Weighing**

This Special Report, "Smart Sensors Optimize Industrial Weighing," explains how ready-to-weigh sensors provide easy connectivity to simplify sensor integration and enable condition monitoring and IT/OT convergence.

<https://bit.ly/43BSsHs>

EBOOK

**2023 Food & Beverage Manufacturing eBook**

This educational resource explains how digital technology can optimize batch processing, how to attract and skilled workers, how an ingredients manufacturer increased efficiency and predictability, and more.

<https://bit.ly/tj723fb>



# Enjoy “Automation Chat” from The Journal

Join Theresa Houck, Executive Editor of *The Journal From Rockwell Automation and Our PartnerNetwork* magazine, for our “Automation Chat” podcast.

Enjoy short, informative and fun conversations with industrial automation pros about technology, digital transformation, industry trends, workforce challenges and more.

Available on your favorite podcast app, or listen here:

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Winner for  
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# the Journal

from Rockwell Automation and our PartnerNetwork™

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# It's All About the Process

**P**rocess manufacturers are vital to the global economy, and we cover technology developments every issue to help you improve process automation. Our cover story in this issue explains how digital transformation helps process manufacturers use three key focus areas to meet consumer demands and stay competitive.


We provide other sources for valuable information in addition to our magazine in resources such as these:

- Our "2023 Smart Manufacturing for Food & Beverage Operations" eHandbook shows how digital technology can optimize batch processing, how an ingredients manufacturer increased efficiency & predictability, and how a dairy cut chemical use by 50%. Download it at <https://bit.ly/tj723fb>.
- In our "Automation Chat" podcast, "How Digital Transformation Creates Value in Process Automation," I talk with Endress+Hauser's Ryan Williams about the increasing demand for digital transformation in process automation & instrumentation. Listen on your podcast app or on the web at <https://bit.ly/3N8bCQT>, or watch their chat on YouTube at <https://youtu.be/w4qwETowO20>.
- Our Industry Perspective Q&A, "Ease Migration from Legacy Systems to a Modern DCS," describes a repeatable, step-by-step process for achieving a successful upgrade. Read my interview: <https://bit.ly/tjra23dcs>.

And be sure to listen to and follow our "Automation Chat" podcast. For the 2nd year in a row, it has won the Award of Excellence for Best Podcast from the Apex Awards for Publication Excellence in Corporate Communications. Listen on your favorite podcast app or on the web at <https://rokthejournal.podbean.com>, or watch our conversations on YouTube at <http://bit.ly/autochatpod>.

Until next time ....



 Enjoy *The Journal's* "Automation Chat" podcast, "A Big Deal: AAM Helps Manufacturers & Veterans Team Up to Fill Jobs," where we discuss how the Academy of Advanced Manufacturing provides U.S. military veterans with upskilling for advanced manufacturing roles and helping manufacturers fill open positions. Listen on your podcast app or on the web at <https://bit.ly/3Pnr6Bc>, or watch our chat on YouTube at <https://youtu.be/idrMdhetsk>.



**Theresa Houck**

EXECUTIVE EDITOR





# #TeamUpToImprove

**Process improvement is like climbing.**  
With a strong partner, you can overcome any obstacle.

Just as athletes rely on their teammates, we know that partnering with our customers brings the same level of support and dependability in the area of manufacturing productivity. Together, we can overcome challenges and achieve a shared goal, optimizing processes with regards to economic efficiency, safety, and environmental protection. Let's improve together.



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# News Noteworthy

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## Rockwell Automation to Acquire Clearpath Robotics

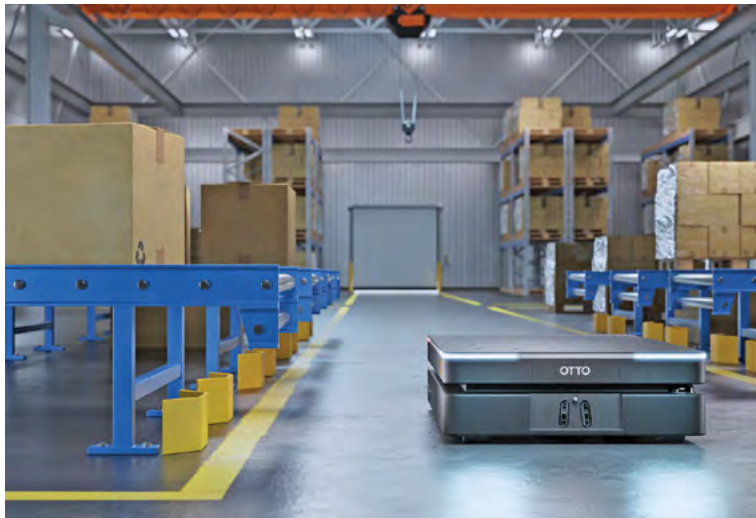
Acquisition will accelerate autonomous production logistics solutions, providing safer, more efficient manufacturing environments.

● **R**ockwell Automation, Inc. has agreed to acquire Ontario, Canada-based Clearpath Robotics Inc., a provider of autonomous robotics for industrial applications. Clearpath's OTTO Motors Division offers autonomous mobile robots (AMRs) and fleet management and navigation software designed to help reduce production bottlenecks.

Data from Rockwell Automation and OTTO Motors' AMRs will be harnessed in artificial intelligence-powered Software as a Service information management applications, such as those by Rockwell Automation businesses Plex and Fiix.

The combined data will provide manufacturers with autonomous execution and optimization to increase efficiency and allow for traceability and real-time adjustments. The technologies will also amplify Rockwell Automation company Kalypso's production logistics consulting practice.

Founded in 2009, Clearpath got its start offering robotics technology to global research and development markets, and in 2015, launched its OTTO Motors Division. At close, Clearpath will report to the Intelligent Devices operating segment of Rockwell Automation.



The OTTO Motors autonomous mobile robots from Clearpath robotics are designed to help transport finished goods and reduce production bottlenecks.

### **+** PARTNERNETWORK BRIEF

**Win-911, SyTech Become SmartSights.** Rockwell Automation Technology Partners WIN-911 and SyTech have joined, with the combined entity now rebranded as SmartSights. WIN-911, a provider of industrial monitoring, alerting and notification software, acquired SyTech, the developer of XLReporter, an industrial reporting platform that provides solutions to customers around the world and across almost every industry, including Fortune 500 companies.



## **Exclusive Report Reveals Technology Use by Warehouses, Manufacturers**

The new report, "Industrial Networks and Automation Technology," is a first-of-its-kind study revealing how warehouses, distribution centers and related OEMs and manufacturers use automation solutions and industrial networks to help them focus on customers, vendors and profitability as they face challenges like the skilled worker shortage, supply chain disruptions and increased e-commerce demands. Findings also indicate opportunities for enhanced efficiency.

Research was conducted by Endeavor Business Intelligence, part of Endeavor Business Media, on behalf of Rockwell Automation Strategic Alliance Partner Panduit and *The Journal From Rockwell Automation and Our PartnerNetwork™*.

Visit <https://bit.ly/tjins23P> to download the report and learn how these firms are using technology, what's working, what's not, how it affects unplanned downtime and how you compare.



## **Southwire Announces Expansion**

Technology Partner Southwire Company has announced modernization plans with the expansion of its Florence, Alabama-based campus. The project is expected to increase production capacity by 30% and create about 120 jobs. Construction is expected to be completed in 2025.

The plant was acquired from Essex in 2006 to support the company's production of commercial and residential building wire, and the 300,000-ft.<sup>2</sup> campus has grown over time. This expansion will include about 340,000 ft.<sup>2</sup> of added space for new equipment.

The project will also include renovations to the existing building.

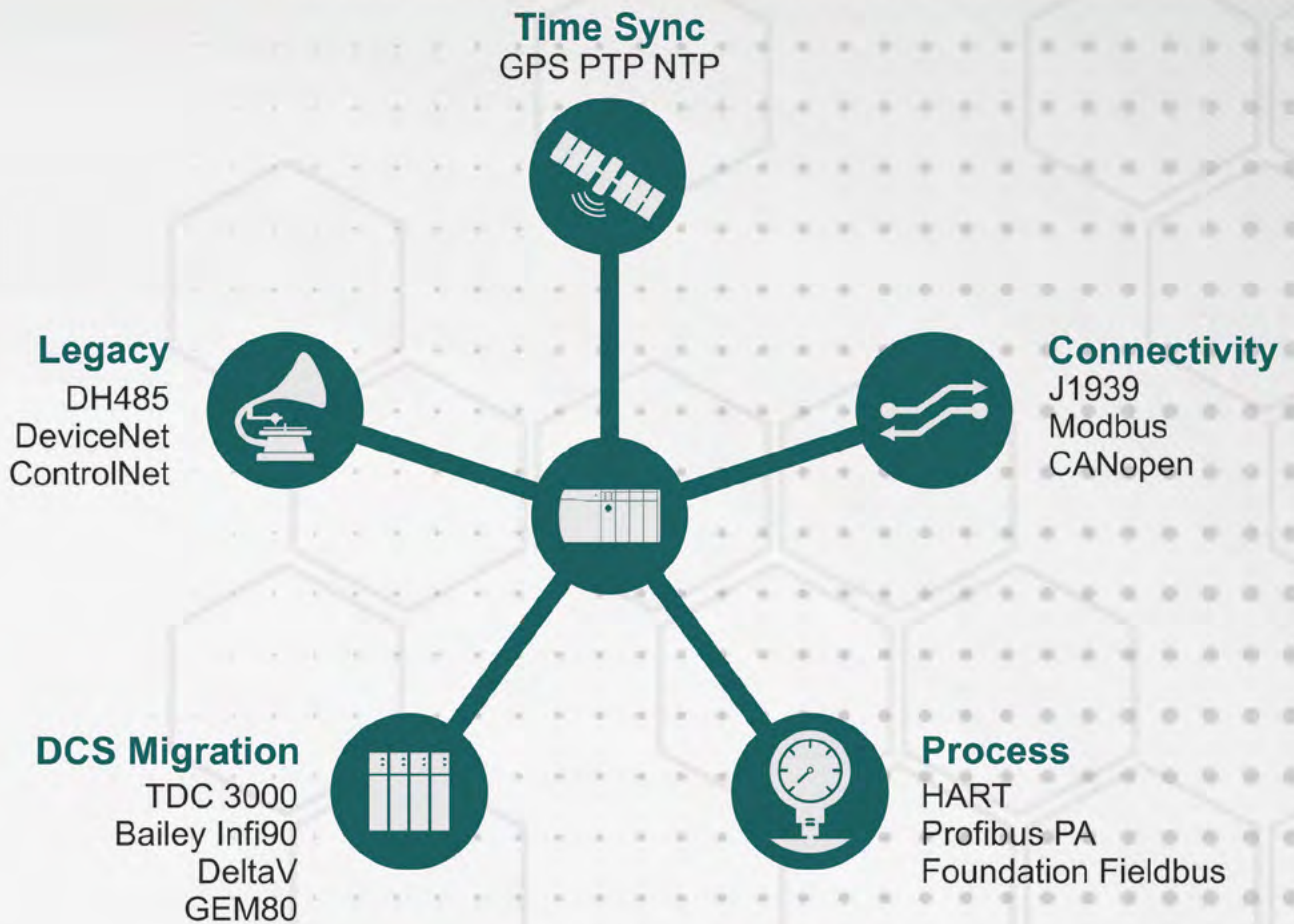
## **Rockwell Automation Obtains Top IEC Security Certification**

Rockwell Automation, Inc. has achieved Maturity Level 4 of the globally recognized International Electrotechnical Commission (IEC) 62443-4-1 industrial cybersecurity certification, the highest level. Certification was performed independently by TÜV Rheinland.

IEC is a global, not-for-profit membership organization that assesses the need for standards across various industrial applications. Its IEC 62443-4-1 standard defines a secure development life cycle



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(SDL) for the purpose of developing and maintaining products that are secure by design, used in industrial automation and control systems.

Rockwell Automation product security is now certified to Maturity Level 4 for IEC-62443-4-1 globally. IEC 62443-4-1 defines secure development life cycle (SDL) cybersecurity requirements for industrial automation, control systems, IIoT, building management and medical device products. These requirements can be applied to new or existing processes for developing, maintaining and retiring hardware, software or firmware.

## Partners Named to Best Workplaces List

Three members of the Rockwell Automation PartnerNetwork™ program have been recognized on Fast Company's 2023 list of Best Workplaces for Innovators. The annual list honors organizations that demonstrate an inspiring commitment to encourage and develop innovation.

Technology Partner Zebra Technologies Corp., a provider of digital mobility solutions, earned the top ranking in the large companies (1,000+ employees) category. Zebra is also #5 on the overall top 100 list — moving up from its #47 ranking last year.

Strategic Alliance Partner Cisco Systems also made the top 100, sitting at #69 in the ranking, and food processing and packaging solutions company Tetra Pak, an OEM Partner, ranked #87.

Developed in collaboration with Accenture, the 2023 Best Workplaces for Innovators ranks 100 winners from around the world in a variety of industries, including entertainment, biotech, consumer packaged goods, marketing, education, healthcare and many more.

To see the complete list, go to [www.fastcompany.com/best-workplaces-for-innovators/list](http://www.fastcompany.com/best-workplaces-for-innovators/list).

## + PARTNER NETWORK BRIEF

**Grace Technologies Acquires Perpetua.** Technology Partner Grace Technologies has acquired Perpetua Power Source Technologies, a developer of thermal energy harvesting solutions that function like renewable batteries. By integrating Perpetua's knowledge and products, Grace Technologies aims to expand its IIoT offerings with battery-free power. This will allow devices to operate in applications previously unfriendly to battery power, such as cold environments or scenarios requiring frequent updates from wireless sensors.



## Southwire Achieves Management Gold Standard

Technology Partner Southwire Company has been selected as a 2023 U.S. Best Managed Company for the fourth consecutive year and earned a Gold Standard award for maintaining this recognition. Sponsored by Deloitte Private and *The Wall Street Journal*, the program recognizes outstanding U.S. private companies and the achievements of their management teams.

The 2023 designees have demonstrated excellence in strategic planning and execution, a commitment to their employees and fostering a dynamic culture, and strong financials. They invested in their people, creating advantage through digital transformation, taking measurable action on sustainability and demonstrating their commitment to diversity, equity and inclusion.

Applicants are selected by a panel of external judges on four key areas: strategy, ability to execute, corporate culture and governance/financial performance.

Southwire joins a global ecosystem of honorees from more than 46 countries recognized by the Best Managed Companies program. ●







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ARTICLE BY

**Carol M. Schafer**

GLOBAL SENIOR MARKETING MANAGER,  
LIFECYCLEIQ SERVICES, ROCKWELL AUTOMATION



# UNLOCK

## CONTINUOUS IMPROVEMENT IN 3 KEY AREAS

Manufacturers must transform their facilities  
to unlock enhanced continuous improvement  
in safety, sustainability and agility.





In a highly connected world, consumers have greater visibility into manufacturing businesses faster than ever before via digital media. With an estimated 200 billion posts a day on X (formerly tweets on Twitter) alone, companies are engaged in an unprecedented level of "virtual conversation" with the public.

Now, it's not enough to focus business planning solely on keeping operations up and running; manufacturers must also execute continual improvement strategies in three areas of marked social focus — safety, sustainability and agility that enables customer service.

### **Workplace and Operational Safety**

For consumers, it might seem that products simply appear on store shelves or become available online. The process of manufacturing and the many steps taken to keep workers safe aren't always visible to them. However, when an incident occurs, it becomes public quickly.

A world-class safety program resulting in zero injuries is the goal of every manufacturer. According to the National Association of Manufacturers (NAM),<sup>13</sup> million workers are employed in the manufacturing sector in the United States. Roughly 12% of the global population — about 960 million people — work in manufacturing. Employers are concerned about worker safety and product safety for their customers.

Most, if not all, manufacturers have safety measures already in place to support and provide worker and product safety. As with any operational policies and procedures, safety programs need to be reevaluated and updated over time. Implementing additional or improved safety measures is indeed a cost, but a

risk-versus-benefits analysis should help factor in the positive impact on operational performance.

A holistic view from an operational and a human perspective will reveal valuable insights around the correlation between better safety and increased productivity. A smart safety solution can increase overall equipment effectiveness (OEE), reduce unplanned downtime, shorten restarts and help ensure safety compliance.

Many companies choose to partner with a third-party safety solutions provider who can help perform a thorough assessment. The right partner can help identify steps to mitigate risk, design and verify safety solutions, and install and validate any software and hardware modifications.

A reliable partner can work with the company's team to use modern technologies that leverage both safety and operational data, contextualizing it to optimize processes and minimize risks. Areas for change might include machine safety, process safety, electrical safety and even cybersecurity.

For example, replacing hard-wired safety solutions with smart safety solutions reduces wiring and transforms the way safety is monitored and managed. Once all modifications are made or new safety solutions are installed, the safety solutions provider who helped perform the assessment and installation may provide system support and ongoing optimization.

If a corporate safety program has lost its effectiveness or visibility over time, it's time to update it. A safety solutions supplier can develop a modern program tailored for each manufacturing site based on current industry standards and the data compiled during the safety assessment.

However, any corporate program is only as effective as the internal change-management plan that introduces it to workers at the manufacturing firm. Adoption at the highest levels of the company and continual reminders of its importance can instill safety values into the business culture, keeping safety top of mind for everyone.

### **Sustainable Manufacturing**

Industrial firms want to show continuous improvements in their journey toward sustainable manufacturing — net zero impact on the environment. Often, these initiatives are based on the **circular economy theory**.

A circular economy promotes less waste through sharing, repurposing, remanufacturing, and recycling and recovering materials to forestall end of life for manufacturing assets and systems. In theory, a manufacturing facility could be on a site for 10 years and then move to another site, leaving behind no impact on the environment.

With so many legacy sites still in operation, immediate concerns revolve

**READ THE INDUSTRY PERSPECTIVE****Q&A: How Manufacturers Can Reach Sustainability Goals**

In this great question & answer interview, *The Journal's* Executive Editor Theresa Houck chats with Wesley Sutton and Tadeo Rodriguez from Rockwell Automation about how manufacturers can achieve sustainability goals while improving productivity and mitigating risk. Also find out about European carbon regulations that soon will affect North American manufacturers.



And learn how the Rockwell Automation Production Automation Solutions team helps users reach sustainability and Environmental Social Governance (ESG) objectives.

Read the interview (2-page PDF). <https://bit.ly/tjpa23ip>

around meeting tightening regulations and easing the road to compliance.

Taking the same holistic view used for safety solutions and applying it to the enterprise is useful in developing and executing a sustainability strategy. Sustainability isn't a stand-alone concept; it's an integral part of production operations.

Process and manufacturing data can be collected, contextualized and configured to reveal opportunities to reduce material waste, and reduce the use of resources, such as water, air, gas, energy and steam (WAGES), and raw materials.

Change can be large-scale or smaller, but progress toward the net zero impact is the goal. A high-level view of the enterprise might reveal areas that require only a slight change that would result in significant gains.

For example, in 1987, the CEO of American Airlines, Robert Crandall, observed that a small change can indeed make a big difference. At that time, airlines routinely served food during most flights. Crandall's now legendary

decision to remove just one olive from the salads served on first-class flights saved the company \$100,000 a year in today's dollars.

So, challenging automation workers to watch for an opportunity to suggest a solution on any scale, and rewarding that behavior when it's successful, is one way to find improvement in areas that only someone close to the work would know.

Sustainability is a complex mandate affecting many areas of operation, and there are many options to find the optimum solution for each application. In addition to traditional controls products, digital technologies such as artificial intelligence (AI), machine learning (ML), augmented reality (AR), computing power and data-handling techniques can help significantly.

**Serving the Customer**

Product personalization isn't only a trend but, almost an expectation of the marketplace. From purchasing a cell phone case with a picture of a family pet

on it to personalized medication, custom beverage blends and more, consumers are increasingly interested in buying products tailored for their lifestyle or preference.

The rate of technological change has accelerated, making many product life cycles shorter than before. Serving the customer is more than the traditional definition of customer service. Now, it entails anticipating and responding to a customer's real needs, as opposed to providing a generic product and hoping enough people will buy it.

That means flexible manufacturing is the key to agility, resilience and long-term growth in the 21st century. It provides companies the ability to offer desired product options and the agility to manufacture new or modified products in response to changing market demands. And serving customers at a higher, more personal level builds loyalty and confidence.

Agility begins with the product value chain, from design through production to end-user delivery and involves making valid, smart data available to the right users at each level of the business. Creating a smart manufacturing facility involves digital transformation, transforming how production is envisioned and enabled.

An effective change management program will drive organizational acceptance and understanding and help maximize return on investment (ROI).

**Stay Safe, Sustainable, & Serve the Customer**

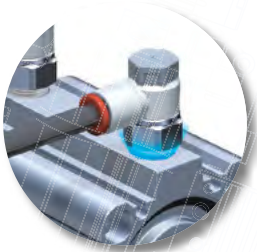
Keeping the plant up and running every day can be a challenge. Manufacturers must now transform their facilities for continuous improvement in safety, sustainability and agility. Without digital transformation, it will become increasingly difficult for manufacturers to appeal to the consumer and stay competitive in a changing market. ●



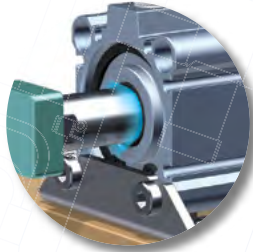
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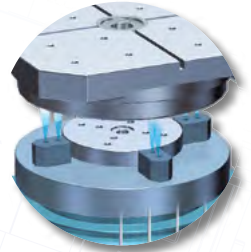
Leakage from connections due to poor piping installation



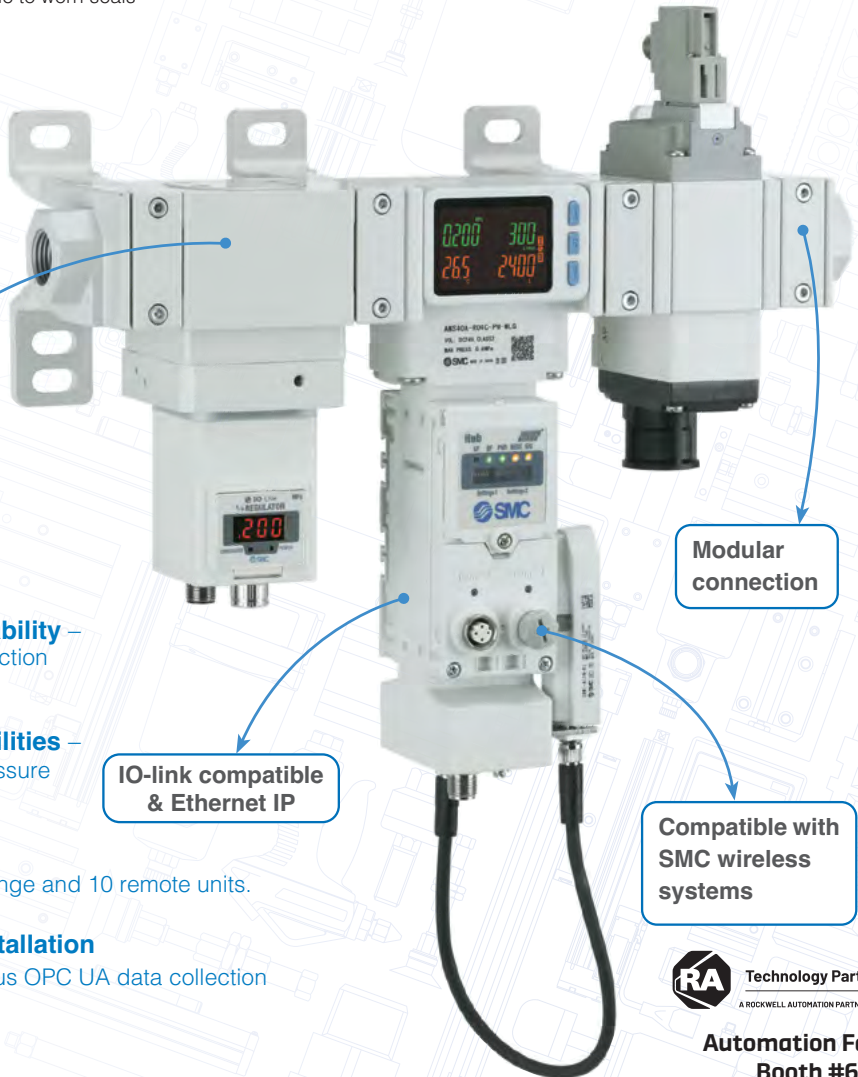
Leakage from cylinder due to worn seals



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## AT A GLANCE

### Automation Fair 2023

November 6-9  
Boston, Massachusetts

Automation Fair®  
**DISCOVER**  
What's Possible



ARTICLE BY

**Amanda Joshi**

MANAGING EDITOR

# Discover the Expanded 2023 Automation Fair

The premiere event for industrial automation and digital transformation now spans four days and features a Summit Series, customized experiences and more.



The 2023 Automation Fair® event will be nothing like you've ever seen before. Held November 6-9 at the Boston Convention and Exhibition Center in Boston, the new, expanded experience from Rockwell Automation and companies in its PartnerNetwork™ program will now span four days, rather than two, to present the latest technologies and learning opportunities for IT/OT professionals.

Over four days, you can attend inspiring keynotes, interactive training, tip-filled sessions and more to learn how to optimize production, empower workers, manage risk, drive sustainability and achieve digital transformation.

And Rockwell Automation is combining this flagship Automation Fair® event with the Process User Solution Group (PSUG), ROKLive Americas and PowerPlex events into one groundbreaking week, all under one roof.

Take a look at what's new at the reimagined, reformatted Automation Fair® event.

### Impactful Summit Experience

Join us Monday or Tuesday for an immersive, **half-day Summit experience** that includes a networking lunch, keynote presentation, breakout sessions, and evening reception in these four carefully curated areas.

1. Environmental, Social & Governance (ESG) Net Zero Now Summit
2. OEM Leader-to-Leader Summit
3. Plex Customer Summit
4. Process Solutions User Group (PSUG) Summit

This new Summit Series will unite like-minded individuals for idea sharing and community building. Join one and gain exclusive access to leaders and subject



### WHAT YOU'LL GET AT THE AUTOMATION FAIR® EVENT

- 3 days of impactful keynotes
- 120+ interactive exhibits
- 325+ role-based sessions
- 400+ domain expert presenters
- 500+ hours of advanced training
- 10,000+ tech-savvy new friends

matter experts (SMEs) not available in the general course catalog.

### Educational Options

Learning is why the Automation Fair® event exists. In addition to experiencing a Summit, you can gain insights through **General Access** sessions open to all attendees, **Advanced Training** offerings for technical development, and **Discovery Theaters** focusing on new products and possibilities.

In **General Access** sessions, you can join discussions with industry thought leaders, product experts, partners and customers sharing experiences and successes. Sessions include:

- Industry Forum
- Partner Solutions
- Customer Voices
- Insights & Education
- Product Intro Labs

**Advanced Training** provides opportunities to interact with product and technology experts through in-depth, hands-on labs and technical sessions on how to use and benefit from Rockwell Automation solutions and partner components.

North America-based attendees also can earn Professional Development Hour

(PDH) Credits for all Advanced Training sessions.

**Discovery Theaters** — located in the Expo on Wednesday and Thursday — feature engaging speakers introducing new products and sharing important conversations around diversity, equity and inclusion.

### A Customized Experience

You also can further tailor the learning experience to your exact needs in two different ways. You can personalize your agenda by exploring the Automation Fair® session catalog (<https://rok.auto/sessions>) and choosing the individual sessions that interest you most, or you can select specially curated custom and industry tracks (<https://rok.auto/tracks>). These include:

#### Custom Tracks

- Executive
- Networks & Cybersecurity
- OEM/Machine Builders
- Operations Management
- Process Solutions
- What's New in Industrial Automation

#### Industry Tracks

- Automotive & Tire
- Semiconductor
- Consumer Packaged Goods

- Life Sciences
- Process & Energy Transition
- Pulp & Paper
- Warehousing & Logistics
- Water & Wastewater

### Enhanced Encounters

New this year, on Monday, November 6 and Tuesday, November 7, the Automation Fair® event will include off-site, behind-the-scenes tours (<https://rok.auto/tours>) of area partner and customer operations, where you can get up close and personal with real-life applications.

Then, on Wednesday, November 8, and Thursday, November 9, the Expo — a can't-miss showcase of the newest

technologies designed to improve all aspects of your operation. Whether your job involves the nuts and bolts of coding, leading teams on the plant floor, or making decisions in the boardroom, you'll find an experience tailored to your goals and challenges. There's something for all levels of an organization, such as:

- **Executive:** Share perspectives with like-minded business leaders and discuss ways to meet organizational goals, improve sustainability and boost profits.
- **Management:** Revitalize the day-to-day strategies of your manufacturing facilities by discovering actionable

pass at \$1,495. If you haven't yet registered, don't miss out — passes are still available to take advantage of all the event has to offer. See more on each pass and current pricing below.

**General Access Pass.** This pass includes admission to all four days of the event, three keynote sessions, one summit, industry forums, new product introductions, introductory-level hands-on labs, partner- and customer-led sessions, panel discussions, the Expo, and Expo and off-site tours.

Lunch, coffee and snack breaks will be served all four days.

Note, the introductory-level training and labs offered with the General Access



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solutions, technologies and services designed to improve industrial automation and digital transformation opens to all attendees.

This popular event also offers hands-on demonstrations and live production scenarios from Rockwell Automation and more than 120 other exhibitors, including members of the PartnerNetwork ecosystem.

For more information on Rockwell Automation partners exhibiting and where to find them on the show floor, see page 26.

### Who Should Attend?

At the Automation Fair® event, you'll be immersed in new ideas and

solutions and tips that will take you to the next level.

- **Technical Professional:** Dig into hands-on demonstrations of the latest technologies while picking the brain of subject matter experts who understand your needs.

### Registration is Open, with Fees

With an expanded four-day format and added value, Rockwell Automation is introducing *tiered registration fees*. The pricing options allow you to select programming specific to your needs.

Registration for a General Access pass opened at \$395 through September 30 and a General Access + Advanced Training

Pass will not be eligible for PDH credits.

Cost: \$595 (through November 3); \$795 (November 4-9)

**General Access + Advanced Training Pass.** This includes all the General Access benefits noted above, plus four days of unlimited access to the advanced-level hands-on labs and product & technology sessions. These training sessions are eligible for earning PDH credits.

Cost: \$1,695 (through November 3); \$2,195 (November 4-9)

So, register now for the expanded 2023 Automation Fair® event.

To find more information and updates, including registration and fees, visit [rok.auto/automationfair](https://rok.auto/automationfair). ●

# Continuing to Design Future-Ready Engineering Software Solutions

● **E**PLAN LLC provides world-leading software solutions for machine, plant and control cabinet design. Founded in 1984, the company is part of the Friedhelm Loh Group with headquarters in Germany and offices throughout the world.

EPLAN supports users in setting up engineering designs across disciplines. The foundation for this is the EPLAN Platform, which connects all EPLAN software solutions. For users, it means a significant increase in efficiency when working on EPLAN projects as the data flows seamlessly from solution to solution and is further enriched during each step of the process.

EPLAN offers an integrated framework for daily work. As just one example, interfaces allow bidirectional exchange with ERP and PDM systems. With the connection to mechanical engineering processes, users can expand their perspective to include mechatronic engineering. Neutral interfaces allow users to easily transfer and continue working on their EPLAN project in other software environments.

The EPLAN Cloud provides an environment that offers real additional value, such as with the provision and synchronization of data on projects across multiple locations.

EPLAN and Rockwell Automation have been collaborating for more than 15 years to deliver electrical engineering software solutions that support mutual end users to efficiently design industrial control and switchgear panels.

"The data-driven EPLAN platform and the high-quality component data Rockwell Automation provides helps our customers reduce their overall project time, from electrical design through panel building," says Jeff Kilburn, managing director of EPLAN USA. "With integrations into the Emulate3D™ emulation software and the FactoryTalk® Design Hub™ solutions by Rockwell Automation, we deliver digital twins to support virtual commissioning and cloud solutions to enable global project collaboration."



The EPLAN Platform offers software for a variety of engineering disciplines from a single source — and more than just traditional ECAD software. From preplanning to electrical engineering and fluid-power engineering designs to designing control and switchgear systems or wire harnesses, EPLAN provides the right tool for increasing quality, saving time and optimizing processes. ●

🔍 **EPLAN LLC** A Technology Partner in the Rockwell Automation PartnerNetwork™ program, **EPLAN** develops design software solutions for machine and control panel builders. The company's solutions can help end users streamline challenging engineering processes in the fields of electrical, automation and mechatronic engineering. For more information, visit [www.eplanusa.com](http://www.eplanusa.com).



# Exhibiting Partners

More than 100 members of the Rockwell Automation PartnerNetwork™ program will feature their technologies and expertise at the Expo. They're specialists in their field, offering integrated teams of engineering knowledge and suppliers.

*\*Exhibitor list is current as of September 26, 2023*

ORGANIZATION	BOOTH NUMBER	ORGANIZATION	BOOTH NUMBER
Actemium Indianapolis	1670	CoreTigo	442
ADASOFT	1574	CRB	1540
Advanced Micro Controls Inc. (AMCI)	687	Cybertrol Engineering	256
Amatrol Inc.	1516	Cytiva	1514
AMETEK	265	Data-Linc Group	1515
Aparian Inc.	1656	Dialight Corp.	1513
Apex Dynamics Inc.	1410	Doosan Robotics Americas	382
Applied Control Engineering, Inc.	1607	Dragos, Inc.	1462
Automated Control Concepts Inc.	163	E Tech Group	232
autonox Robotics LLC	686	Eagle Technologies	1426
Avalara	438	Elm Electrical	129
Barry-Wehmiller Design Group Inc.	1556	Elwood Corp.	1510
Belden	1340	EMP Tech Group	1528
Bihl+Wiedemann	1326	Endress+Hauser	640
Bonitron Inc.	1429	EOSYS	786
Brady Corp.	1613	EPLAN LLC	1500
Bürkert Fluid Control Systems	456	Esteem Wireless Modems	1526
Bussmann by Eaton	1434	exida Engineering LLC	1611
Canvas GFX, Inc.	262	Faith Technologies, Inc.	229
Cape Software, Inc.	1532	Festo Corp.	1226
CBS ArcSafe, Inc.	1427	Fluke Corp.	528
Cella Technologies	1505	Fortinet	1363
Claroty	1468	GR Technology	332
Comau	282	Grace Technologies	1628
Concept Systems	1619	Gray Solutions	1632
Control M Solutions	1600b	Hammond Power Solutions - Mesta Electronics	462
Control Station, Inc.	258	Hardy Process Solutions	470
		Hargrove Controls & Automation	1603

# Enjoy “Automation Chat” from *The Journal*

Join Theresa Houck, Executive Editor of *The Journal From Rockwell Automation and Our PartnerNetwork* magazine, for our “Automation Chat” podcast.

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# SOLUTIONS

## For Harmonic Reduction

Harmonic distortion is a major cause of power quality issues that can result in equipment malfunction or damage and result in unwanted downtime.

**HPS active and passive harmonic filters reduce harmonics and improve power quality.**



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ORGANIZATION BOOTH NUMBER

Helm Instrument Co. Inc.	1662
Hermary	1606
HMS Networks	1376
Hubbell	776
icotek Corp.	1626
Imperx, Inc.	266
INTECH Process Automation Inc.	1507
Interstates, Inc.	223
Ithena	165
Itoh Denki USA, Inc.	500
JVL A/S	1634
Kezler AS	135
KUEBLER Inc.	439
Kyntronics	264
LinMot USA, Inc.	1332
LinTech	1411
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## Cable Entry Plates for the Food Industry

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ORGANIZATION	BOOTH NUMBER	ORGANIZATION	BOOTH NUMBER
Prime Controls	234	SN Maschinebau GmbH	532
Prime Technologies, Inc.	1604	Softing Inc.	1612
RACO Mfg & Engineering Co.	1672	Southwire Company	526
R3 Solutions GmbH	433	Spectrum Controls Inc.	540
Revolution Group	1609	Stefanini	1620
rf Ideas	333	STOBER Drives, Inc.	1232
Rice Lake Weighing Systems	482	Stratus Technologies	1440
ROSS Controls	1432	SupplyForce	1600c
RoviSys	1621	Systems X Corporation	1562
SAMSON Controls	1476	TCI, LLC	1507
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SMC Corp.	17
Softing Inc.	28
Spectrum Controls Inc.	2
TCI, LLC.	26

## HAMMOND POWER SOLUTIONS

### Harmonic Reduction Solutions

Harmonic distortion is a major cause of power quality issues that can result in equipment damage or unwanted downtime. HPS offers active and passive harmonic filters to improve power quality. The HPS TruWave Active harmonic filter monitors the load current and very quickly responds to the power system distortion as it develops. The HPS Centurion P Passive Harmonic Filter simultaneously reduces harmonics and improves true power factor.



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[www.posital.com/en](http://www.posital.com/en)

## TCI, LLC

### EtherNet/IP-Enabled Passive Harmonic Filters

TCI's cutting-edge passive filters with EtherNet/IP™ integration are the ultimate solution for seamless connectivity with any Rockwell Automation products. Fundamentally transform your industrial process productivity with protected access to your filter data to provide predictive maintenance and data-driven decisions.



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## ADVANCED MICRO CONTROLS INC. (AMCI)

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## HARDY PROCESS SOLUTIONS

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[www.hardysolutions.com/HI6800](http://www.hardysolutions.com/HI6800)



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