



International Society of Automation
Setting the Standard for Automation™

WHO WE ARE
WHAT WE DO
WHY IT MATTERS



WHO WE ARE

Since 1945, the International Society of Automation (ISA) has worked to create a better world through automation. As a non-profit professional association, we connect our global community of technicians, engineers, and other automation professionals through standards-based technical resources, networking, and career development opportunities.

We have a wide-range of programs and products that can help you achieve your goals.

What We Do:

- Industry Standards
- Certification Programs
- Education and Training
- Books and Technical Articles
- Conferences and Exhibits
- Networking and Career Development Opportunities

Industries We Serve:

- Aerospace
- Automotive
- Building Automation
- Chemical
- CPG
- Food & Beverage
- Mining & Metals
- Oil & Gas
- Packaging
- Pharmaceutical
- Power & Energy
- Pulp & Paper
- Textiles
- Warehouse & Logistics
- Water & Wastewater



WHAT WE DO

STANDARDS

ISA consensus-based industry standards make automation safer and more efficient. We have over 150 standards that reflect the expertise of over 4,000 industry experts from around the world.

Our ISA/IEC 62443 series of cybersecurity standards have been adopted by the United Nations, government organizations, and manufacturing sectors worldwide.

The standards are developed and reviewed by thousands of automation professionals worldwide, focusing on cybersecurity, safety, batch control, and enterprise integration.

ISA is accredited to develop standards by the American National Standards Institute (ANSI). ISA standards are published as American National Standards, and many are submitted through the International Electrotechnical Commission (IEC) and receive international adoption.

**Our
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How Standards Save Money, Save Lives, and Help Businesses Expand



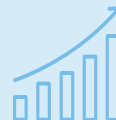
SAVE MONEY

The batch standard ANSI/ISA-88.00.01 shaves 30% off the cost of designing the systems and software used in food, pharmaceutical, and specialty chemical companies.



SAVE LIVES

Standards improve safety, which in turn saves lives. Some of ISA's essential safety standards include our toxic gas detector standards and our most popular standard, the ANSI/ISA-5.1, *Instrumentation Symbols and Identification*.



EXPAND BUSINESS

ISA's international presence and the adoption of our standards on a global scale make it easier for businesses to expand and grow.



To learn more about ISA standards, including how to purchase standards for your organization, visit isa.org/standards

WHAT WE DO

BOOKS AND TECHNICAL ARTICLES

In addition to ISA standards, we also publish authoritative technical resources on process automation, written and reviewed by experts. Whether you want to expand your skills, create a reference library, or prepare for ISA certification exams or the Control Systems Engineer (CSE) professional license, ISA has the books you need.

Learn more about ISA publications at isa.org/standards-and-publications

CERTIFICATION

ISA certification programs provide an objective, third-party assessment and confirmation of skills and experience. With two different programs catering to engineers and technicians, earning an ISA certification demonstrates your mastery of working with a standardized body of automation knowledge.

Individuals certified by ISA programs must meet rigorous standards, including:

- Mandatory education and/or work experience requirements
- Passing certification exam
- Committing to the ISA Code of Ethics

Certified Automation Professional® (CAP)®

CAPs are engineers and professionals who work in process and manufacturing automation. They are responsible for direction, definition, design, development/application, deployment, documentation, and support of software and equipment systems.

Learn more about CAP at isa.org/cap

Certified Control System Technicians® CCST®

CCSTs are automation and control technicians who calibrate, document, troubleshoot, and repair/replace instrumentation for systems that measure and control level, temperature, pressure, flow, and other process variables.

Learn more about CCST at isa.org/ccst

CERTIFICATE PROGRAMS

ISA also offers certificate programs that are designed to increase knowledge and skills across a broad range of topics. Our certificate programs include:

- [Automation Project Management Specialist](#)
- [Cybersecurity](#)
- [Safety](#)
- [CAP Associate](#)
- [CST Associate](#)

Learn more about these professional programs at isa.org/certificates

WHAT WE DO

EDUCATION AND TRAINING

ISA offers a wide-range of technical education and training opportunities. We can meet you where you are, with dozens of critical course topics and multiple, easy-to-use delivery methods to make training as efficient and convenient as possible. Our options include:

- Online training courses, including instructor-led courses, and self-paced, modular courses
- In-person training at your facility or at regional training locations
- Exam preparation courses and boot camps

**ISA
training
is always
non-biased
and vendor-
neutral.**

What Makes ISA Training Different?



Standards-based training uses our globally developed and widely used technical standards



Critical course topics that matter to your industry and profession



Continuing education credits, so you can earn CEUs or PDH credits for credentials



Real-world experts who develop and teach courses based on their field experience

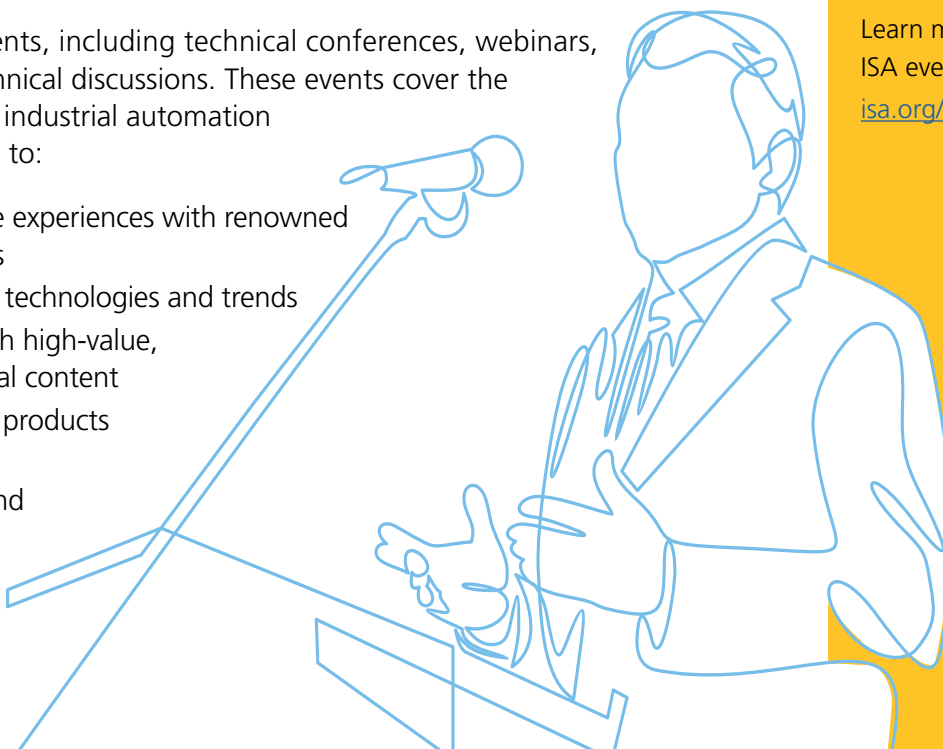


View ISA's course offerings at isa.org/training

EVENTS AND CONFERENCES

ISA offers a variety of events, including technical conferences, webinars, and ISA Connect Live technical discussions. These events cover the breadth of information in industrial automation and provide opportunities to:

- Engage in face-to-face experiences with renowned experts and presenters
- Learn about the latest technologies and trends
- Improve your skills with high-value, peer-reviewed technical content
- Share your company's products and services
- Network with peers and colleagues around the world



Learn more about ISA events at isa.org/events

WHAT WE DO

MEMBERSHIP

ISA is the professional home for engineers, technicians, leaders, and students in the industrial automation industry. We are creating the future of automation, and we need your skills, perspective, and insight to make it happen. Join us!

Benefits of an ISA membership include:

- Local networking through geographic sections and topic-based technical divisions
- ISA Connect online communities to engage global communication
- Online job board so employers and employees can connect to find their next opportunity
- Discounts on ISA events, books, and training
- Leadership and mentoring opportunities

MEMBERS SAY:

"Young professionals can leverage their opportunities by connecting with other professionals in different fields. From healthcare to pulp and paper to oil and gas, there are so many fields within the automation industry represented at ISA. I think ISA can help young professionals develop their communication and leadership skills, and has personally helped me get to where I am today. This is one of the main reasons why I think that students and young professionals should get involved with ISA."

Shreya Nandiraju
Fluid Life
Edmonton, Alberta, Canada

"The most valuable thing about being an ISA member is that it gives me a communication channel to speak with others in the industry. It allows me to have conversations with a lot of folks who are passionate about automation and discuss how new technologies are being designed, how vendors are bringing them to the market, and how they're being used in the industry."

Rory Moloney
Johnson & Johnson
Cork, Ireland

"The most important benefits of being an ISA member are access to the most current technical information and expertise from other people in the industry that you cannot get any other way."

Brian Mast
Copper Bell Consulting LLC
Seattle, Washington, USA

Learn more about ISA membership at isa.org/membership

WHY IT MATTERS

In an increasingly complex and global automation industry, ISA is proud to serve our members and customers across 44 countries.

Trust ISA to Help You:



ENGAGE YOUR NETWORK

through geographic sections, technical divisions, online communities, and events.



ACCESS YOUR POTENTIAL

with our standards, education and certification opportunities, and our publications.



INSPIRE YOUR FUTURE

as an ISA leader, content developer, or committee member.



How Does ISA and Its Brand Family Bring Value to Automation Professionals?

For engineers, technicians, and management engaged in industrial automation, ISA is the trusted provider of standards-based technical resources, driving the advancement of individual careers and the overall profession.

The ISA brand family exists to serve automation professionals around the world. ISA's brand family includes:



ISA delivers cutting-edge, peer-reviewed technical resources



ISASecure®

ISASecure® offers standards-based industrial cybersecurity conformance assessments



ISA100 Wireless Conformance Institute offers standards-based wireless conformance assessments



Automation.com delivers real-time automation news and digital content



ISA Global Cybersecurity Alliance is a collaborative forum to advance cybersecurity awareness, education, readiness, and knowledge sharing

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