Vision
Create a better world through automation

Mission
Empowering the global automation community through standards and knowledge sharing
ISA offers so many programs, services, and tools for its members and for the broader automation community.
ISA by the Numbers

13,800+ members:

- 138 Standards
- 16 Personnel Credentials
- 8 Product & System Certifications
- 8K Professionals Trained (2022)
- 10K Event Registrants (2022)

- 70% N. America
- 8% Europe
- 3.6% LatAm, Caribbean
- 5.2% Mid. East, Africa
- 12.8% Asia Pacific

- 8% Asia Pacific

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Knowledge Sharing

Standards, Training, Credentials, Conformity Assessment
ISA is an ANSI-accredited standards developer committed to open, consensus-based process

ISA developed ISA/IEC 62443 standards – the world’s only consensus-based automation and control systems cybersecurity standards

Our standards focus on:

- Alarm Management for the Process Industries (ISA18)
- Batch Process Control (ISA88)
- Cybersecurity for Industrial Automation & Control Systems (ISA99 / 62443)
- Enterprise-Control System Integration (ISA95)
- Functional Safety – Safety Instrumented Systems (ISA84 / IEC6151) (ISA84 / IEC6151)
- Human-Machine Interfaces (ISA101)
- Instrumentation Symbols and Documentation (ISA5 and ISA20)
- Intelligent Device Management (ISA106)
- Loop Checks, Calibration, Commissioning, and FAT/SAT (ISA105)
- Power Plants, Fossil and Nuclear (ISA77 and ISA67)
- Procedure Automation for Continuous Process Operations (ISA106)
- Valves / Valve Actuators (ISA75 and ISA96)
- Wireless Systems for Industrial Automation (ISA100)
- Additional Topics (ISA7, ISA12, ISA37, ISA60, ISA71, ISA76, ISA92)

Learn more: isa.org/standards
ISA Training

Developed by real-world experts.
Focused on the most relevant topics and vital technologies.
Unbiased and vendor neutral.

Flexible Formats
Classroom, virtual classroom, on site, instructor-guided online, and self-paced, modular formats

Build toward Certification
Document your skills and credentials with the opportunity to earn certificates and professional development credits

Taught by Experts
Courses are developed and taught by automation leaders and subject-matter experts

Theory and Application
Lectures and hands-on exercises help deepen your knowledge

Learn more: isa.org/training
Types of Credentials

**Certification**

Has eligibility requirements, typically a combination of work experience and/or education

Valid for a limited time and requires renewal to keep the certification
(certain requirements must be satisfied)

Is primarily based on job analysis of work performed in the field

Exam must be passed to achieve the certification

**Certificate**

Never expires

Has no eligibility requirements, based on experience

Is based exclusively on a body of knowledge taught in a training course or curriculum

Exam must be passed to achieve the certificate
Benefits of ISA Credentials

**Individuals**

- Documents education, knowledge, and experience
- Provides an objective, third-party assessment of skill levels
- Provides a tangible way to validate industry experience
- Increases preparation for additional job responsibilities

**Employers**

- Recognizes automation professionals with the appropriate credentials and helps accelerate workforce development
- Provides hiring and promoting qualifications for managers
- Promotes safety and efficiency
- Improves productivity and increases ROI by impacting mission-critical decisions
ISA Certification Programs

ISA Certified Automation Professional®
Demonstrates expertise and knowledge of automation and controls

ISA Certified Control Systems Technician®
Three levels – technician, specialist, master – to demonstrate knowledge of control systems
ISA Certificate Programs

**Cybersecurity**
Four certificates – fundamentals, risk assessment, design, and maintenance – with an expert tier for achieving all four

**NEW! - Automation Project Management Specialist**
Program for project managers who need to execute automation projects effectively

**Safety Instrumented Systems**
Three certificates – fundamentals, selection, and verification – with an expert tier for achieving all three

**CAP Associate**
Validate job skills to excel as an automation professional

**CST Associate**
Validate job skills to excel as a control systems technician

... and **coming soon:**
a Fire and Gas Certificate
Consortia and Conformity Assessment

- ISA leads collaborative forums for industrial cybersecurity and interoperability

**ISASecure Certification Schemes:**
- Component Security Assurance (CSA)
- IIoT Component Security Assurance (ICSA)
- System Security Assurance (SSA)
- Security Development Lifecycle Assurance (SDLA)
- IACS Security Assurance (IACSSA)

**ISA100 Wireless:**
- Device Certification
- System Certification
- Stack Certification
ISA Consortia Overview

**LOGIIC** - Research and development on cybersecurity topics for automation used by the oil and gas industry. O&G majors are members.  [www.Logiic.org](http://www.Logiic.org)

**ISAGCA** - Bridge the gap between ISA/IEC 62443 standards and market adoption. Lead cybersecurity culture transformation.  [https://isagca.org](https://isagca.org)

**ISASecure** - ISA/IEC 62443 cybersecurity certification of COTS products, supplier development processes and automation at asset owner operating sites  [www.isasecure.org](http://www.isasecure.org)

**ICS4ICS** – Incident Command System for Industrial Control Systems establishes a standing organization and playbook for responding to cyber attacks on automation in critical infrastructure.  [www.ics4ics.org](http://www.ics4ics.org)

**ISA100 WCI** – ISA100 Wireless Compliance Institute provides assured interoperability for wireless products conforming to the ISA100.11a (IEC62734) international wireless standard.  [www.isa100wci.org](http://www.isa100wci.org)
Thought Leadership

Content, Events, News and Publications
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**Notes:**
- Each section covers a range of topics related to the primary theme.
- The Industry Segments list includes a variety of industries with specific segments.
- The document is likely used for informational purposes, providing an overview of relevant topics and segments.
Events and Conferences

Award-winning events – in person and virtual

isa.org/events

**OT Cybersecurity Summit**
Aberdeen, Scotland
31 May – 1 June

**Automation & Leadership Conference**
Colorado Springs, USA
4-6 October

**Digital Transformation Asia Pacific**
Australia
November

**Digital Transformation Brazil**
Brazil
September
News and Publications

• ISA is your source for industry news and technical resources from subject matter experts

Books: print and digital

InTech Emagazine

Automation.com: news and Ebooks

Blogs, ISA News, Press Releases
Look Who’s Talking

ISA and its subject matter experts have appeared in:
ISA Membership
Together, We Create the Future of Automation

Connect
- Engage in technical discussions on ISA Connect.
- Network with automation professionals through geographic sections.
- Build connections through conferences, webinars, and online discussions.

Grow
- Explore opportunities and build your resume with ISA Career Center.
- Post job openings and access over 50,000 automation professionals.
- Serve on a standards committee.

Learn
- Access over 150 standards that reflect leading industry expertise.
- Read the latest in industry information through our online news sources.
- Take training designed to build technical and leadership knowledge skills.
- Earn professional credentials that document your skills and set you apart.
ISA Connect

Award-winning technical and networking community

activity feed

ISA strategic plan

download the mobile app!

Join us!

To begin,
1. Download the 'Connected Community' app on your mobile device.
ISA Divisions

Members join divisions to build their professional networks and receive information around specific technologies and industries.

16 Divisions
2,754 Average number of members per division

isa.org/divisions
ISA Sections

A section is a group of professional or student members who have chosen to affiliate around a specific geographic area.

Sections exist to support the mission and vision of the Society, governed by and subject to all policies and procedures set by ISA.

Sections develop activities in response to local needs.

108 Sections in 31 countries

80 Student sections
Resources
Career Planning, Young Professionals, and Students

**Career Center**
A valuable tool for candidates and hiring managers – post a position, share your resume, and search for career guidance in a community devoted to automation

**ISA Business Academy**
A 10-week mini-MBA program offering leadership training as part of a cohort of peers from the automation industry

**Mentoring Program**
Connecting early career professionals to more seasoned professionals who are willing to help coach, guide and share expertise

**Young Professionals and Students**
Dedicated networking via the Young Professionals Committee and Student Sections; scholarship programs
But Don’t Just Take Our Word for It

ISA events are where everybody comes together. It's high energy and everybody cares about where the industry is going.

The class was excellent, the program was excellent. The certification programs are one of the best in the industry.

For me, the first thing I think of is 'family.'

In ISA you find mentors across all fields of your to help your career take off quickly.

I have met some of the best people in automation by being part of ISA.
Join ISA

Together, we create a better world through automation.

isa.org/join
Thank you

www.isa.org