



Setting the Standard for Automation™

ISA Membership:
**Your
All-Access
Pass**



Standards

Certification

Education & Training

Publishing

Conferences & Exhibits

Join ISA today!

www.isa.org/join

+1 919-549-8411

Who is ISA?

The International Society of Automation (ISA) is a non-profit technical society for engineers, technicians, businesspeople, educators and students, who work, study or are interested in industrial automation and pursuits related to it, such as instrumentation. ISA is one of the foremost professional organizations in the world for developing standards and educating industry professionals in automation.

ISA provides leadership and education in the professions that it serves, assisting engineers, technicians, and research scientists, as well as many others, in keeping pace with the rapidly changing industry. ISA members work in numerous fields and are involved in diverse areas ranging from environmental quality to automobile manufacturing, to nearly any technological field in use today.

Why should you join ISA?

- ✓ Increase your technical knowledge in the field of automation and control
- ✓ Develop your skills and hone your expertise
- ✓ Share experiences, successes, and lessons learned
- ✓ Build lasting friendships and professional connections through industry-focused Divisions and local sections

By becoming an ISA member, you'll benefit—in technical knowledge, career and skills development, shared experiences and successes, and lasting friendship and belonging—from an association that has represented the needs and interests of automation and control professionals since its inception in 1945.

Join ISA today!
www.isa.org/join
or call +1 919-549-8411



ISA Membership
costs just
\$120 per year!

ISA Membership Benefits at-a-glance

- Free online viewing of over 150 ISA standards, recommended practices, and technical reports
- Discounts (20% in most cases) on training, publications, application for certification testing, and event registration.
- Free, unlimited downloads of technical papers (more than 5,500 of them)
- Free online, pre-recorded web seminars on key topics and trends
- Free membership in a local ISA section—featuring technical meetings, newsletters, web seminars, social functions, and more
- Two Free technical division memberships
- Free participation in ISA's Leadership Development Certificate Program
- Free mentoring program
- Free online networking via ISA's LISTSERV
- Free access to the ISA member directory
- Free subscriptions to InTech, the premier magazine for automation professionals, and the Automation Weekly e-newsletter
- Free online access to ISA Transactions, which covers the latest advances in measurement and automation
- Free online resume posting on InTech website
- Free online access to ISA Insights, ISA's monthly member newsletter
- Gift certificates—good toward any ISA product or training course registration—for recruiting new ISA members

Additional Personal Privileges

- Proudly display your affiliation with ISA by using the ISA member logo on your business card
- Save for higher education with the CollegeBoundfund® 529 college savings plan
- Liability insurance program
- Get discounted automobile insurance from GEICO (in US only)
- Take advantage of competitive rates on several group insurance programs (US-only plans)
- Access international travel insurance
- Obtain car rental savings from Avis Worldwide and Budget Care Rental
- Use calling card services from more than 50 countries through the CogniCall Global Calling Card
- Save up to 80% off preferred products from Office Depot
- Enjoy savings on room reservations from Wyndham Hotels
- Receive exclusive hotel discounts through HotelStorm

*The term "member" or "membership" throughout this brochure refers to full dues paying membership only. ISA offers several additional levels of membership that include different levels of benefits. Visit www.isa.org/membership for details.

"Different people join and benefit from ISA membership for many different reasons. Whether you simply wish to learn from others, teach others, participate in standards, or serve in leadership roles, you have nothing to lose and everything to gain. I wouldn't be who I am, known as I am, doing what I am, and have as many career opportunities as I have, if it weren't for my involvement in ISA. I owe my career to ISA."

Paul Gruhn, P.E.
ISA Fellow



Learn more about ISA

ISA provides our community with unparalleled access to technical information, professional development resources, and opportunities to network with other automation professionals. Our mission is to enable our members—including world-wide subject matter experts, automation suppliers, and end-users—to work together to develop and deliver the highest quality, unbiased automation information, including standards, training, publications, and certifications.

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ISA is home to dozens of industries and technical topics in the world of automation

Industry sectors covered:

Chemicals
Food and Beverage
Metals and Mining
Oil and Gas Extraction
Petroleum Refining
Pharmaceuticals
Pulp, Paper and Allied Products
Rubber and Plastics
Aerospace
Automotive
Communications
Industrial Machinery
Instrumentation, Measurement, Analysis, and Control Apparatus
Semiconductors and Electronic Components
Transportation
Valves, Fittings, and Fabricated Metal Products
Construction Firms
Engineering Services
Management Consulting
Systems Integration
Pipeline and Natural Gas Utilities
Electrical Utilities
Nuclear, Fossil Fuel, and Combination Utilities
Water/Wastewater Utilities

Technical topics covered:

Control Systems
Communications
Measurement and Control Devices and Techniques
Plant Maintenance and Operations
Energy
Safety
Cybersecurity
Symbols, Terminology, and Documentation
Asset Management and Enterprise Integration
Building Automation

“Through my ISA membership, I get to meet and network with a lot of industry professionals. I gain insights from experienced individuals in both the consulting and operating arenas.”

Murtaza Gandhi
ISA Houston Section member

ISA automation standards

Quick Fact

ISA members can view all ISA standards, recommended practices, and technical reports online, free of charge.

ISA Standards help automation professionals streamline processes and improve industry safety, efficiency, and profitability. They serve as best-practice guidelines that direct proper system design, implementation, operation, and maintenance, and promote plant and operational reliability, safety, and security.

In all, ISA has developed more than 160 automation standards, recommended practices and technical reports, streamlining processes and improving efficiency and profitability across virtually all types of industry and manufacturing.

More than 4,000 industry experts representing over 2,000 organizations from beyond 40 countries are involved in establishing ISA standards through their participation in more than 130 ISA committees, subcommittees, working groups, and task forces.

ISA optimizes the value of its automation standards by using them as the basis for many of its training courses, webinars, books, and other technical resources.

“The professional associations and networks I develop at ISA are invaluable, and play an important role in my career growth to the executive level in the automation industry. I can honestly say that ISA has made a difference in my life and career.”

Prabhu Soundarrajan
Director of ISA's Chemical Petroleum Industries Division (ChemPID)



STANDARDS SPOTLIGHT:

Safeguarding industrial automation and control systems (IACS) from cyberwarfare

A notable example—one attracting great media attention—of the significance and relevance of ISA standards is in the area of cybersecurity. The risks of cyberattack are mounting and represent serious threats to governments, industries, economic welfare, infrastructure, and public safety worldwide.

The ISA99—Industrial Automation and Control Systems Security standards represent a comprehensive, global approach to safeguarding industrial automation and control systems (IACS) from cyberwarfare. ISA99 standards are being adopted internationally, and ISA99 representatives are collaborating with White House and US Department of Homeland Security Department officials on developing a Cybersecurity Framework for the US.

ISA training and education

Quick Fact

ISA members receive a **20%* discount on all ISA training courses—both classroom and online.** They can also access **all pre-recorded ISA webinars for free.**

*20% discount applies in most cases, but may vary on select courses or registration options.

ISA training courses are known and respected worldwide for their unbiased, practical approach to technology application. Many classroom courses include hands-on instruction.

All courses are led by industry experts who offer in-depth, real-world coverage of topics critical to automation and control success. They provide relevant examples and case histories, further reinforcing the practical and real-world scenarios found in the work environment. You will be able to immediately apply what you learn in the classroom when you return to work!

ISA offers training in the following formats:

- Instructor-led, classroom courses in several locations in the US and select locations worldwide
- Online, instructor-assisted training courses
- Live and recorded webinars
- Online courses
- DVD courses



ISA certification programs

In today's tough economy, employees are searching for ways they can stand out from the crowd, strengthening their hold on their current jobs and boosting their prospects for career advancement. At the same time, employers—facing tight hiring budgets and fierce marketplace competition—expect workers to have the proven experience and skills to safely and effectively perform required job responsibilities.

ISA's two certification programs—the Certified Control Systems Technician® (CCST®) program and the Certified Automation Professional® (CAP®) program—can better position both employees and employers to succeed amid a competitive workplace and demanding operating environment.

For employees, certification programs:

- Distinguish individual achievement, knowledge, and experience
- Provide third-party endorsement of professional skills and knowledge
- Document professional credibility and provide recognized proof of ability
- Improve career options and opportunities
- Enrich self-image and self-confidence

For employers, certification programs:

- Deliver documented evidence of employee qualification and capabilities
- Provide an unbiased employee assessment tool for advancement and hiring decisions
- Encourage employees to attain high standards and remain on the cutting edge
- Promote safe, efficient, and high-quality work practices

Quick Fact

ISA members leverage discounts of over 20% when they apply to take ISA's Certified Control Systems Technician® (CCST®) and Certified Automation Professional® (CAP®) exams.

“Some other classes (offered in the marketplace) are great in theory, but they are not practical. The bridge between theory and application is the part that ISA does very well. Having the physical instruments present in the classroom was an outstanding asset.”

Bill Laumeister
ISA Training Client

ISA technical symposia and conferences

ISA's annual technical division symposia allow ISA members and the automation community at large to meet face to face with renowned experts and presenters, hear firsthand about the latest technologies and trends, and access thorough, peer-reviewed technical content.

Quick Fact

ISA members receive a discount on all ISA conference and symposia registrations. In some cases, joining ISA when you register for an event is like getting your membership for free!

ISA's annual technical division symposia include:

- ISA Analysis Division Symposium
- ISA Food and Pharmaceutical Division Symposium (FPID)
- ISA International Instrumentation Symposium
- ISA Leak Detection and Repair (LDAR)—Fugitive Emissions Symposium
- ISA Power Industry Symposium
- ISA Process Control and Safety Symposium (PCS)
- ISA Water/Wastewater and Automatic Controls Symposium

In addition, regularly ISA hosts ISA Automation Week, a conference which attracts automation professionals from around the world to exchange best practices and success stories, and attend executive keynote presentations, standards committee meetings, training courses, and leadership gatherings.

“Besides the discount on registrations for ISA events and other benefits, such as access to industry standards, ISA members are a vital part of my business and personal network. I've met great customers and great friends through ISA.”

Katherine Persac
Director-elect of ISA Management Division



GLOBAL ISA EVENTS

As a global organization, ISA serves members in all corners of the world. From the largest automation and control conferences and expos in Canada and Mexico to unique user-group events in the Netherlands, ISA's global events provide members and automation professionals with industry specific topics relevant to their geographic region.

ISA books, professional journals, conference proceedings and more

Quick Fact

ISA members get a 20% discount on ISA-published books, plus a free subscription to *InTech* magazine and online access to *ISA Transactions*. They also receive regular editions of two e-newsletters: *Automation Weekly* and *ISA Insights*.

ISA publications provide a wealth of technical resources to automation and control professionals worldwide by offering more than 180 print and online technical resources—including print books, digital books, magazines, journals, newsletters, software, technical papers, proceedings, standards, recommended practices, and technical reports.

***InTech* magazine**

ISA members receive a free, qualified subscription to *InTech* magazine, which informs automation and control professionals about technical innovations, ideas, product information, fundamental how-to articles, association news, and advice. Much of the magazine's editorial content is provided by ISA's member base, who are encouraged to submit articles, sharing their knowledge for the benefit of the automation profession. Members choose between the print and digital editions of the magazine.

ISA Transactions

ISA Transactions is a professional journal that highlights the latest advances in the science and engineering of measurement and automation. Of particular value to research and development personnel in both academic settings and private industry, *ISA Transactions* bridges the gap between theory and practice. All ISA members enjoy free online access to the journal's current and past issues.

“ISA gives me the chance to work with science and engineering students in my community. Each year, my section presents an award to a middle school team in the area who compete in a national engineering competition. I feel it's my responsibility to encourage young people to explore careers in automation and engineering.”

Peter Baker
ISA Twin Cities Section member

Technical Papers

ISA members have free, unlimited access to more than 5,500 technical papers presented at past ISA technical division symposia, conferences, and other meetings.

News and Information

Members receive *ISA Insights*, a free online monthly newsletter, which keeps them informed about key Society initiatives and achievements, division and section events and activities, new products and services, and the contributions and achievements of ISA members. Members also receive a free subscription to *Automation Weekly*, an e-newsletter for industrial automation, process control, and instrumentation professionals.



ISA Technical Division Membership

Quick Fact

ISA members get two free technical division memberships. Additional technical division memberships are only \$10 each per year!

ISA supports 17 technical divisions that help ISA members pursue specific areas of interest and expertise across a range of automation disciplines, technologies, and applications. Divisions are organized in two separate departments:

ISA Automation and Technology Department

- Analysis Division
- Automatic Controls and Robotics Division
- Communications Division
- Management Division
- Process Measurement and Control Division
- Safety and Security Division
- Test Measurement Division

ISA Industries and Sciences Department

- Aerospace Industries Division
- Building Automation Systems Division
- Chemical and Petroleum Division
- Construction and Design Division
- Education Division
- Food and Pharmaceutical Division
- Mining and Metals Division
- Power Industry Division
- Pulp and Paper Division
- Water and Wastewater Division



ISA Section Membership

Given their geographically based structure, ISA sections offer a convenient way for members to take part in local and regional ISA initiatives and events.

Some common ways that ISA members get involved and contribute at the section level include:

- Attending regular section meetings
- Teaming up with other ISA members to explore mutual professional interests
- Inviting technical experts to present at section meetings
- Speaking at local middle schools and high schools to generate student interest in automation careers and participating in local science fairs and robotics competitions
- Funding scholarships for local college and university students who demonstrate potential and interest in the automation field
- Receiving local newsletters with market trends, technical articles, and more
- Accessing local job boards, regional training courses, technical conferences and tradeshow, and dozens of social events

Quick Fact

Getting involved in an ISA section is one of the most convenient ways to network and get engaged with others in your profession.

“Being an ISA member provides you the opportunity to grow—grow your friendships, your confidence, your leadership skills, and your knowledge; all while having fun. The connections are social. electric, atomic, carbon, or gas fired, whatever fits you!”

Catherine Andrews

VP of ISA Image & Membership Department,
Membership Chair of ISA Birmingham Section

“Being a member of ISA is like belonging to a real family, where everyone is always there when you need them with no strings attached,”

Alex Habib

Director of I&S - Industries and Sciences Department,
Director of Food & Pharmaceuticals Division

Professional and leadership development

ISA offers programs specifically designed to enhance members' professional skills, marketability, and leadership characteristics.

The ISA Leadership Development Certificate Program

This program provides a unique opportunity to build leadership skills. Participants receive leadership development training and opportunities. Upon successful completion, individuals receive a certificate of completion and recognition on ISA's website.

ISA Mentor Program

This online program enables members who are just starting their career to benefit from the knowledge, experience, and expertise of seasoned professionals who are ISA members and leaders. Mentors provide advice, suggestions, and guidance in addressing career decisions and professional matters.

Networking Opportunities

In addition to meetings and events, ISA has many opportunities for members to network with peers and colleagues including:

- ISA Member Directory
- Email discussion lists
- LinkedIn groups

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