



2023 Year in Review

The ISA Global Cybersecurity Alliance (ISAGCA) is a collaborative forum to advance OT cybersecurity awareness, education, readiness, standardization and knowledge sharing. The ISA Global Cybersecurity Alliance is made up of 50+ member companies and industry groups, representing more than \$1.5 trillion in aggregate revenue across more than 2,400 combined worldwide locations. Automation and cybersecurity provider members serve 31 industries, underscoring the broad applicability of the ISA/IEC 62443 series of standards.

Advocacy and Adoption

ISAGCA works with a broad spectrum of stakeholders to encourage education and information about the value of ISA/IEC 62443 standards and share best practices across industry sectors. 2023 was a year of strong efforts across all aspects of adoption and advocacy work.

Inform and Collaborate

North American Government Agencies and Organizations

- Work continues to cross-reference the ISA/IEC 62443-3-3 standard to the NIST Cybersecurity Framework (CSF). This effort has included a presentation to NIST regarding the IIoT component study and a rough mapping to NIST 800-213A, IoT Device Cybersecurity Requirement Catalog, participation in a NIST workshop on the future of IoT security, and recommended enhancements to the ISA/IEC 62443 series of standards to evaluate defining a cloud provider role and addressing patch management in a cloud environment.
- ISA/IEC 62443 and ISASecure® are now referenced in the 2024 edition of NFPA 79® National Electric Code® published by the National Fire Protection Association (NFPA).
- ISAGCA submitted feedback on referencing ISA/IEC 62443 in response to the Cyber Regulatory Harmonization Information (RFI) request from the Office of the National Cyber Director.
- New York state legislators to include cybersecurity requirements based on ISA/IEC 62443 in the Critical Infrastructure Standards and Procedures (CRISP) Act.
- Additional cross-reference and mapping activities include collaboration with the MITRE System of Trust to map recognized sources for supply chain requirements to ISA/IEC 62443.
- Continued participation in North American Transmission Forum Supplier Sharing calls exposes electric sector suppliers to the value of the ISA/IEC 62443 and ISO/IEC 27001/2 standards ensuring support for sector cybersecurity requirements in procurement.
- Participates actively in the INL/DOE Cyber Informed Engineering (CIE) Community of Practice and the INL Industrial Control Systems Community of Practice (ICSCOP).



Worldwide Government Agencies and Organizations

- Department of Standards Malaysia has agreed to adopt ISA/IEC 62443 as a national Malaysian Standard, thanks to continued efforts by ISAGCA member Petronas.
- ISAGCA has engaged the Taiwan government to identify opportunities and incorporate ISA/IEC 62443 into law or national standards. ISA/IEC 62443 has been adopted into Taiwan public policy language for securing operational technology. In addition, the Taiwan government has translated ISA/IEC 62443 into traditional Chinese, and included references to the series of standards in its Civil IoT cybersecurity regulations.
- Saudi Arabia conducted an audit of regulated entities in 2023. ISA/IEC 62443 references have been included in Saudi Arabia OTCC Standards and NEPRA regulations.
- In October 2023, the Qatar National Cyber Security Agency (NCSA) announced recommendations for ISA/IEC 62443 standards inclusion for securing operational technology in the electricity and water sectors.



Communications and Web Presence

- ISAGCA launched its all-new website, www.isagca.org, in 2023.
- Traffic to the ISAGCA blog increased by 10% year over year, with a total of 101,159 visits
- Total blog posts in 2023: 52

Media/Public Relations

2023 was a terrific year for media and PR growth, with 42 media placements – a 135% increase over 2022. Working with a deep well of SMEs, many of whom actively participate in the Awareness and Outreach committee, ISAGCA saw broad reach across multiple industry sector publications.

- Total media placements in 2023: 42, a 135% increase year over year
- Total number of subject-matter experts engaged in 2023: 52, a 49% increase year over year

2023 ISAGCA Media Placements



Compliance and Prevention

2023 marked the completion of the “IIOT System Implementation and Certification Based on ISA/IEC 62443 Standards.” Released in December of 2023 to ISAGCA members, the study will become readily available to the public in early 2024.

ICS4ICS

Part of the ISA Global Cybersecurity Alliance’s mission is to help operating sites around the globe become resilient to cybersecurity attacks and to have a defined method to respond and recover from attacks. As a result, ISAGCA set up ICS4ICS, the Incident Command System for Industrial Control Systems. Key accomplishments in 2023 include:



- Continued to seek public-private partnerships for ICS4ICS with government agencies, including the USA DHS, FEMA, DOE, FBI InfraGard, NATO, NIST and USCG; Australian CISM; Canada Public Safety Department; and UK National Cyber Security Centre.
- Exercise materials were updated to include videos designed to help participants understand ICS4ICS and prepare for roles within their system.
- Expanded the ICS4ICS credentialing program to encompass a range of ICS4ICS Type 4 roles and credentialed 34 individuals.
- Created awareness of ICS4ICS by presenting at 34 events globally, facilitating 11 exercises and recruiting 1,400 volunteers and interested parties.
- ICS4ICS partnered with INL on Work Force Development to create skills assessment data for 20 critical job roles.
- Engaged industry sector partners for ICS4ICS, including those in metals & mining, chemical, manufacturing, water utilities, gas utilities, rural & municipal utilities, and pipeline and energy sectors, such as electric and oil & gas.

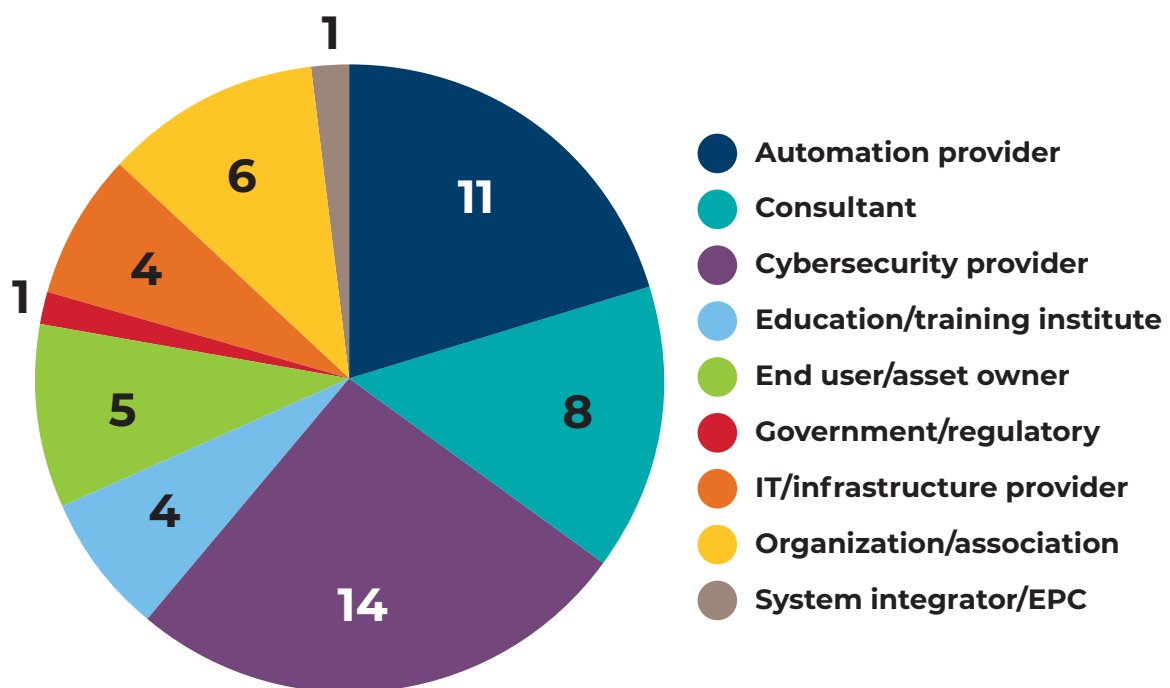


ISAGCA Members

ISAGCA members are leaders in the movement to prioritize OT cybersecurity.

- 54 total members, including industry groups
- Representing more than \$1.5 trillion in aggregate revenue
- 2,400 combined worldwide locations
- 31 different industries, underscoring the broad applicability of ISA/IEC 62443 standards

Member type breakdown



Advisory Board Leadership for 2023-2024

- Chair of the Advisory Board: Matt Bohne, Vice President and Chief Product Cybersecurity Officer at Honeywell
- Vice Chair: Chris McLaughlin, Chief Information Security Officer (CISO) at Johns Manville



2023 Members





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Setting the Standard for Automation™

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