



ISA100 Wireless[®]

Assured Interoperability



Membership Prospectus



WCI: The Wireless Compliance Institute

A membership organization founded to promote and support ISA100 Technology.

Our Vision

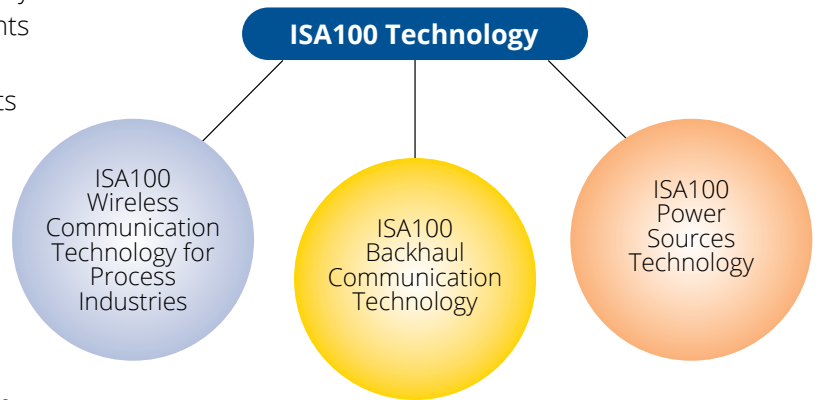
Our vision is to revolutionize the industrial automation industry with a single, integrated family of standards built to cover the full range of industry needs.

Introducing: ISA100 Technology

ISA100 Technology is the first and only family of standards that meets all the requirements of the process manufacturing industry, delivering simplified technical environments and maximized operational efficiencies.

Complete

WCI develops and supports the full portfolio of enabling technology necessary to build, deploy, certify, and support ISA100 Technology—making it the complete solution.



Moving the Industry Forward

WCI works to develop the standards that will shape tomorrow to ensure members' technology, networks, and facilities stay relevant long after implementation.

ISA100 Technology Standards Timeline

Completed

ISA100.11a Wireless monitoring and process control

Developing

ISA100.15 Backhaul Networks
ISA100.18 Power Sources
ISA100.21 People and Asset Tracking



Mission

Our mission is to advance plant operations through industrial wireless technology standards that ensure interoperability and integration.

To accomplish our mission, we:

- Establish essential specifications to ensure suppliers have the quickest path to market
- Conduct independent testing and certification of wireless devices and systems to confirm they meet a common set of specifications
- Provide education, tools, and technical support to users and suppliers in the design, certification, deployment, and management of wireless devices and systems
- Assure interoperability using standards, tests, and conformance processes for wireless devices and systems
- Generate market awareness and accelerate market adoption through active marketing and communication campaigns



Future Projects

Factory Automation (Discrete Applications)
Transmissions and Distribution (Long Distance Applications)
Location and Tracking
Industrial Facility Applications



Why Join WCI Now?

Insight

WCI members benefit from the industry insight delivered when users, suppliers, and key stake holders work together. User members ensure industry specific needs are met. And supplier members deliver compliant product with minimal time to market.

Leverage

Members craft the technical specifications and steer the technical committees that are defining the future of industrial wireless technology.

Recognition

WCI members are actively promoted by WCI and benefit from market momentum generated from WCI marketing activities.

Industry's leading thinkers are among the early supporters of ISA100 Technology.

Founding WCI Members

- Aprion
- BP Chevron
- Chongqing University of Posts and Telecommunications
- ExxonMobil
- Flowserve
- Fuji Electric
- Gastronics
- GE
- Honeywell
- Nivis
- Procter & Gamble
- R3 Sensors
- Shell
- Shengyang Institute of Automation
- Yamatake
- Yokogawa





WCI Membership Entitlements

Technical Specifications and Enabling Technologies

Members have full access to WCI's intellectual property and receive all technical specification updates.

- ISA100 Wireless (ISA100.11a) implementation specification
- Device profiles
- Device descriptors
- General Client Interface for gateways
- Infrared provisioning specification
- OTA (over-the-air) provisioning specification
- PKI security provisioning specification
- Object extensions
- Backhaul device configuration specification
- Power sources implementation specification

Support Services

WCI's technical support, training, and test tools facilitate more effective design and implementation of wireless products and systems.

- Interoperability testing
- Test kits
- Test platforms
- Access to WCI support staff

Discounted Certification

Members are eligible for discounted product certification and recertification. They also have access to our technical support staff for certification issues.

Compliant Logo Usage

Members are entitled to use compliant logos on products and systems that meet WCI's compliance specifications. Logos may be used on products, displays, and other customer focused communications.

Committee Access

Members are invited to participate in technical and marketing committees, advancing WCI's technical offerings and market presence.

Governing Board Access

Governing Board level members set the strategy and direction of WCI as well as elect the leadership of the governing board and the technical steering committee.

Product Registration and Membership Directory Listing

Products are given an official ID number and member organizations are listed in the membership directory on WCI's website. The listing includes descriptions of products and services.

Members' Only site

Members gain access to a restricted online site that hosts proprietary information and serves as a collaboration space for members.

Marketing Events

Members are offered opportunities to promote their companies and products through sponsorships, joint marketing and advertising campaigns, seminars, publishing, technology expositions, and WCI's email newsletter. Also, WCI hosts technical presentations and technology demonstrations for educational purposes and to promote ISA100 Technology.



Members Rise Above the Competition

SUPPLIERS & INTEGRATORS

For **SUPPLIERS** and **INTEGRATORS**, ISA100 Technology provides a single compliance framework, resulting in faster time to market and lower development and integration costs. Other key benefits include:

- The ability to ensure and substantiate claims of compliance to a consensus, open industry standard
- Profile specifications to support the development of the products or systems that users demand
- Interoperable products and systems that deliver more flexible system configurations and more consistent and predictable performance
- Instant recognition of product and system wireless communication characteristics and capabilities
- Demonstrates commitment to a shared wireless communication vision to be executed by suppliers, users, and integrators

STANDARDS BODIES & GOVERNMENT AGENCIES

For **STANDARDS BODIES** and **GOVERNMENT AGENCIES** developing industrial wireless standards, WCI promotes market leading, field-tested specifications that are relied upon by industry.

For **USERS**, a well designed and well managed product certification process reduces the costs, time, and risk of selecting and deploying wireless products and systems. Other key benefits include:

- A single forum for product and system test specification requirements and issue resolution ensures user needs are accounted for and understood
- Time and cost savings for validation and verification of wireless communication characteristics and capabilities
- Instant recognition of a product's or system's wireless communication characteristics and capabilities
- Demonstrates commitment to supporting and developing products and systems that securely and reliably interoperate "out of the box"

USERS



Governance and Organization

WCI is directed by a seven-member governing board with a designated non-supplier representative selected from among non-supplier members. Governing board members provide the leadership and direction necessary to guide our organization and participate in setting the strategic objectives and operating policies of the Institute.

WCI strives to represent a fair cross section of the manufacturing and automation controls community using policies and guidelines that ensure the organization maintains a balance of users, suppliers, and other significant stakeholders.

Membership Categories

Supplier Members

Membership is open to any supplier organization that desires to participate in the ISA100 Wireless Compliance Institute. Annual membership dues are based on corporate revenues listed in the membership application.

Non-Supplier Members

Membership is open to organizations not otherwise classified as a supplier or manufacturers of products, systems, or components used in industrial wireless products and systems. Annual non-supplier membership dues are listed in the membership application.

Board Level Members

Membership is open to both supplier and non-suppliers. Fees are listed in the membership application.





ASCI and the Wireless Compliance Institute

The Automation Standards Compliance Institute (ASCI) is a non-profit organization incorporated by the International Society of Automation (ISA) in 2006 to provide a home for certification, conformance, and compliance assessment activities in the automation arena. ASCI extends the work that ISA has conducted for over 50 years in standards development by facilitating the effective implementation of automation industry standards. ISA provides professional management services to ASCI, drawing on an experienced staffing, financial, and administrative infrastructure.

The ISA100 Wireless Compliance Institute (WCI) functions as an operational group within ASCI. ASCI bylaws share the open constructs of ISA while accounting for compliance organization requirements. Operating WCI within ASCI allows the organization to efficiently leverage the organizational infrastructure of ASCI.

ASCI, in partnership with ISA, developed the specific actions necessary to formally launch WCI.

How to Join the Wireless Compliance Institute

Interested organizations may join at any time. Please feel free to contact us for more information using the contact information below.

Membership application forms, member fees, and mailing instructions, are available for download at www.isa100wci.org.

Contact Information

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