

ISA100 Wireless Compliance Institute

**Mission of WCI:
Decrease time, costs and risks**

Mike Hopfe
Marketing Director for WCI
Honeywell International

ISA100
WIRELESS

ISA100Wireless
Compliance Institute

Agenda

1. ISA Wireless Compliance Institute Overview
2. WCI Mission: Reducing time, costs and risks
3. Achieving the WCI Mission
 - Interoperability
 - Compliance
 - Tools
 - Technical Support
 - Education and Awareness
4. Summary
5. Q&A

WCI Overview: The ISA100.11a Standard

- The ISA100.11a standard was architected based on end user's requirements and feedback
- ISA100.11a based wireless systems incorporate the required underlying technology, architecture and features that address end user desired characteristics
- The ISA100.11a standard was approved in September 2009.



ISA100 Wireless Compliance Institute

ISA
(Shareholder of ASCI)



**Automation Standards
Compliance Institute (ASCI)**
(Non-profit company owned by ISA)

ISA100 Wireless Compliance Institute (WCI)
(Interest group within ASCI with its own rules and governing board)

*The WCI is Operated as an ASCI Interest Group to Lead
the Wireless Compliance Initiatives*

ISA100 Wireless Compliance Institute

Governing Board

Honeywell – Chairman, Dan Sheflin

Yokogawa – Vice Chairman, Penny Chen

GE – Justin Smith

Nivis – Scott Johnson

Yamatake – Hisashi Sasajima

User Representative – ExxonMobil, Pat Schweitzer

WCI Members

Users

BP

Shell

Chevron

ExxonMobil

Suppliers

Apprion

CQUPT

Gastronics

Honeywell

R3 Sensors

Wilson-Mohr

Yamatake

Fuji Electric

General Electric

NIVIS

Shenyang Institute of
Automation

Yokogawa



MEMBERSHIP IS OPEN !!

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Mission

Decrease the time, costs, and risks of developing and deploying standards-based industrial wireless devices and systems.

Provides

- Interoperability
- Compliance
- Tools
- Technical Support
- Education
- Market Awareness



**... For the ISA100 Family of
Industrial Wireless
Standards**

How WCI Achieves Its Mission

- Interoperability
 - Technical expertise on the ISA100.11a wireless communications standard
 - Test kits that can be purchased
 - User specifications to expand interoperability
- ISA100 Standards Compliance
 - Testing and certification services
- Support tools
 - Test kits

How WCI Achieves Its Mission

- Technical support
 - Access to WCI Technical Director, Jay Werb
 - Access to other members with ISA100 expertise
- Education
 - Technical documentation
 - Webinars
 - Seminars

How WCI Achieves Its Mission

- Market Awareness and Education
 - WCI marketing team
 - Global marketing communications program
 - Advertising
 - Public relations
 - www.isa100wci.org
 - Webinars
 - Seminars
 - Tradeshows and Conferences

How WCI Achieves Its Mission

- 2010 Marketing Program
 - Website relaunched @ www.ISA100wci.org
 - 7 press releases
 - 3 webinars
 - 3 events completed (ARC, Hon and Yok User Groups)
 - Print and online advertising
 - InTech magazine
 - isa.com/intech and automation.com
 - Customer seminar 26 August Yokohama
 - 3-4 European customer seminars
 - 3 additional webinars
 - Display/demo October ISA Automation Week

How WCI Achieves Its Mission

ISA100. Here. Now. Certified.

As the only wireless standard developed for, and by, end-users, the ISA100.11a standard reflects end-user requirements for *interoperability, scalability, and sustainability* in an industrial wireless system purpose-built for industrial performance.

ISA100.11a is the first industrial wireless standard driven by end-users and approved by a standards organization in an open, balanced, ANSI-accredited consensus process. It is also the first industrial wireless standard to certify devices in an independent ISO/IEC17025 test lab.

Industry leading suppliers have made strong commitments to develop ISA100.11a products including Honeywell, Nivis, and Yokogawa who recently announced products certified to the ISA100.11a standard.

For vendors developing ISA100.11a certified products, test kits to prepare for certification and certification services are available now.

To learn more about how to build and certify ISA100.11a based devices and see who else is committed to the technology, visit the ISA Wireless Compliance Institute website.

Make ISA100.11a your choice for better performance and to future-proof your industrial wireless systems. www.isa100wci.org.



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67 Alexander Drive
Research Triangle Park, NC 27709
919-990-9222 • aristaino@isa.org

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Summary

- WCI is a support organization for end-users and vendors and provides:
 - Technical expertise and tools
 - Compliance testing and certification
 - Market awareness and education
- With a mission to help decrease time, cost and risk associated with the implementation and deployment of ISA100 wireless technology

Q & A

Questions?

