

ISA100 Wireless Compliance Institute

ISA100 Wireless[®]

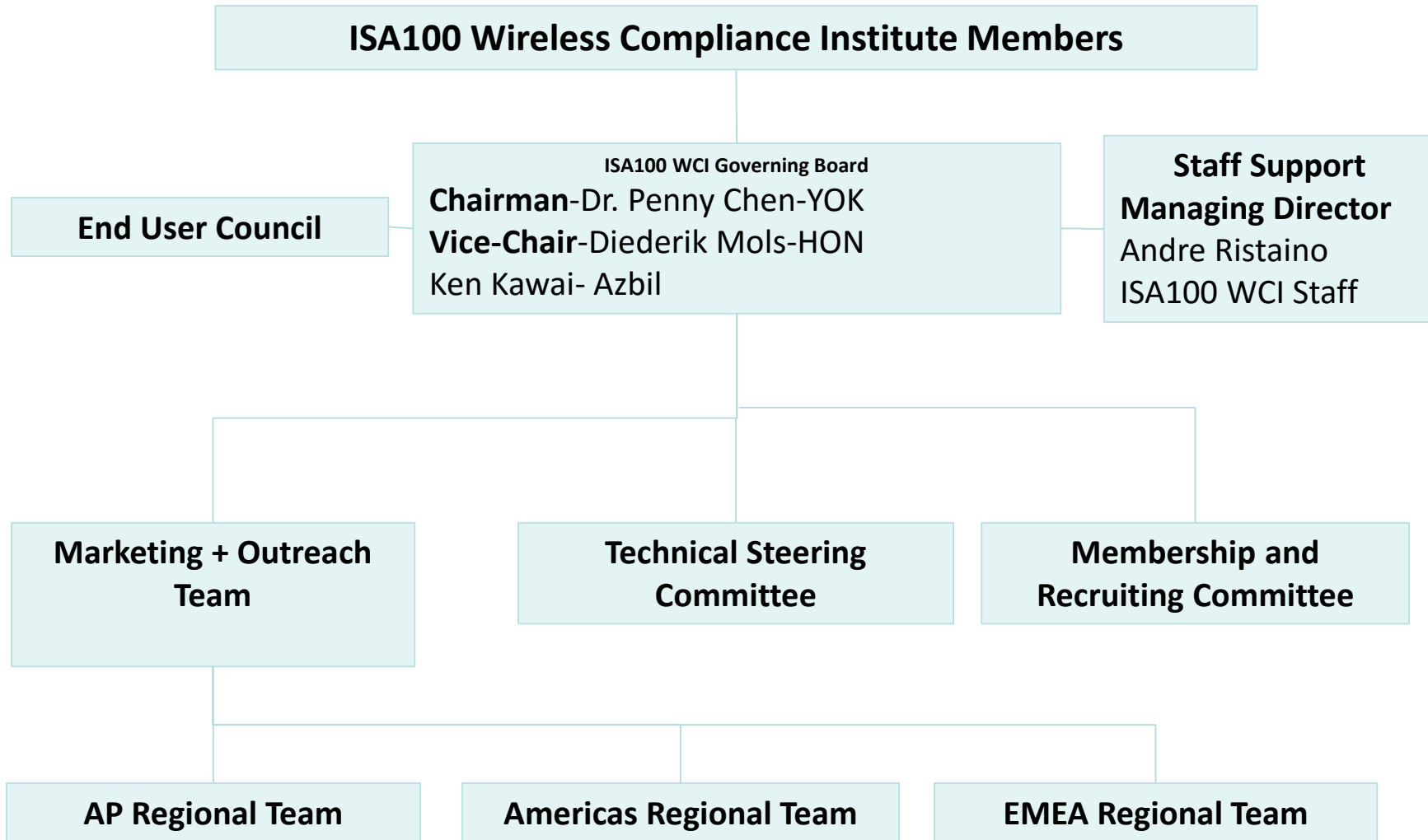
Universal Industrial Wireless Standard

IEC 62734

September 2016

Andre Ristaino, ASCI Managing Director

Organization Structure



ISA100 Wireless Compliance Institute Mission

- Manage the ISA100 Wireless certification program to assure interoperability
- Promote the ISA100 Wireless Standard
 - Technology Demo in FCL at Achema June 2015
 - Three live networks with 36 devices from 17 vendors
 - Showcased expanding technical and infrastructure ecosystem
 - Visit the www.isa100wci.org website for more show details
- Advocacy for end-user needs through industry collaboration and growing the technical ecosystem.

Visit the ISA100 WCI website www.isa100wci.org

ISA100 Wireless added to FDI Platform

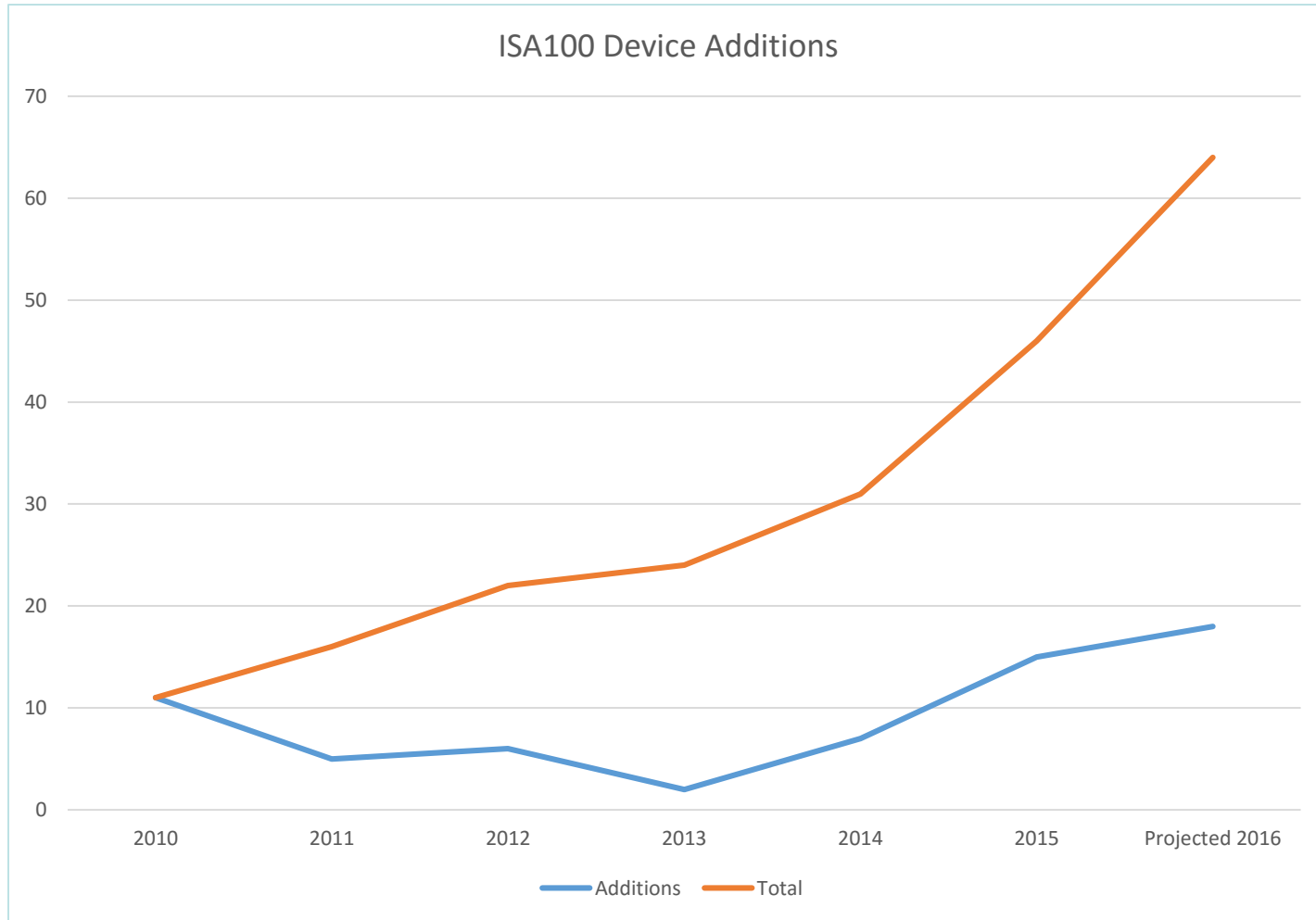
ISA100 WCI has been collaborating with the FieldComm Group's technical team on the Field Device Integration (FDI) project.

- FDI Version 1.2 will include support for ISA100 Wireless sensor networks and devices (Q4 2016 completion).
- Provides end-users more choices for technology selection and system architecture.

ISA100 Wireless Fast Facts

- International standard IEC 62734 since 2014
- Complies with ETSI EN 300 320 v1.8.1 (LBT)
- Native IPv6 to the device
- ISA100 Wireless Device Portfolio exceeds 48 devices
- Certified ISA100 Wireless Devices exceeds 28 devices
- April 2015 GasSecure GS-01 gas detector achieves a world first with SIL-2 Certification in Wireless Gas Detection; total of 3 SIL certified devices today
- Focus on Certification to Ensure Interoperability and best-in-class solutions
- Availability of ISA100 Wireless Modules / Stacks (see contact details on www.isa100wci.org)
 1. CDS (formerly Nivis)
 2. Murata
 3. Yokogawa (2 stacks)
 4. Honeywell

Growth of ISA100 Device Portfolio



Recent ISA100 Devices Added

15 certified devices added in CY 2015

Certified devices Added in 2016

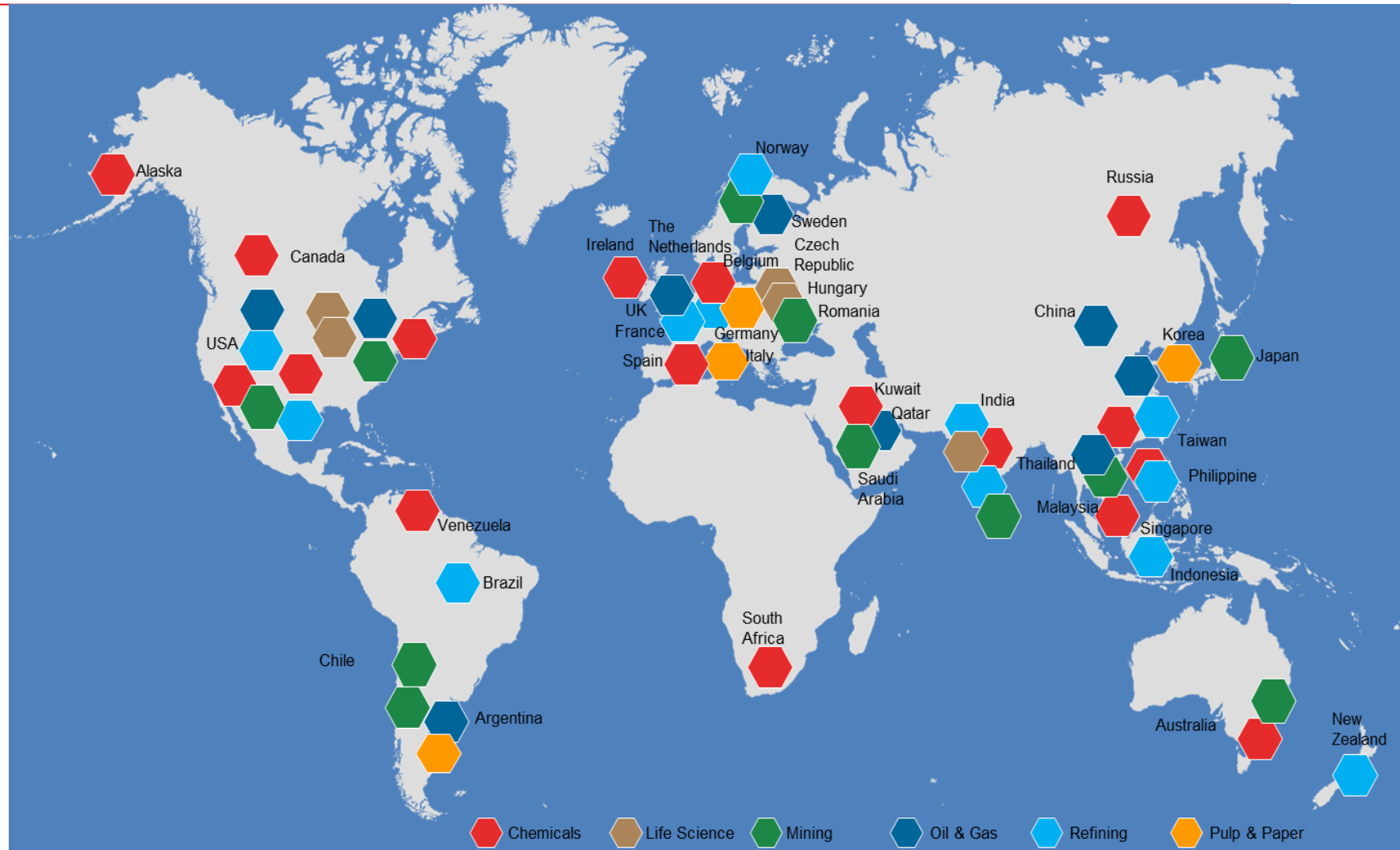
	Device Type / Manufacturer	Certified
1	Yokogawa Advanced Communication Module / Stack	Yes
2	Riken Keiki Gas Detector	Yes
3	Murata Communication Module / Stack	Yes
4	SKF Vibration Sensor	Yes

Total ISA100 Wireless device portfolio = 52

Total Certified ISA1000 Wireless Devices = 30

ISA100 Wireless Global Installation Map

Many Billions of Operation Hours



ISA100 Wireless Certificate


67 T.W. Alexander Drive
P.O. Box 12217
Research Triangle Park, NC 27709

CERTIFICATE OF CONFORMANCE

Manufacturer: Armstrong International, Inc.

Model Number: AIM Model ST6700

Name/Description: Steam Trap Monitor

Stack Version: V N310-I/02.09

Hardware Revision: 1.4

Application Firmware: 01.00

Test Kit Version: DTK 1.14

Certification Type: Device

Test Profiles: Analog Input / Application Firmware Download

Test Lab/Site: ISA100 Wireless Compliance Institute

Test Date: 4/6/2015

Registration Date: 4/7/2015

Registration Listing: www.isa100WCI.org



Andre Ristaino

Andre Ristaino
Managing Director, ASCI



Interest is Growing for ISA100 Wireless

Website Traffic

	2014 EOY	2015 EOY	Average thru Sept 2016
Visitors/month	15,000	17,293	20,050
Page Views/month	20,000	27,091	32,579

Visit the ISA100 Wireless Website

- ISA100 Wireless Whitepaper available for download from website
authored by Jay Werb, Technical Director
- Stability and Reliability of ISA100 Wireless
 - *authored by Nippon Steel and Sumikin Engineering, Ltd.*
- Improving Asset Management and Safety of an Offshore Platform
 - *Petronas Wireless for Safety Research Study (February 2016)*
- Event / News
 1. Petronas receives Excellence in Automation award February 2016
 2. Murata Wireless communication module certified
- Full list of certified/registered ISA100 Wireless devices
- Use cases and customer stories
- ISA100 WCI website receiving over 30,000 web views per month

www.isa100wci.org