

ISA100 Wireless Compliance Institute

ISA100 Wireless[®]

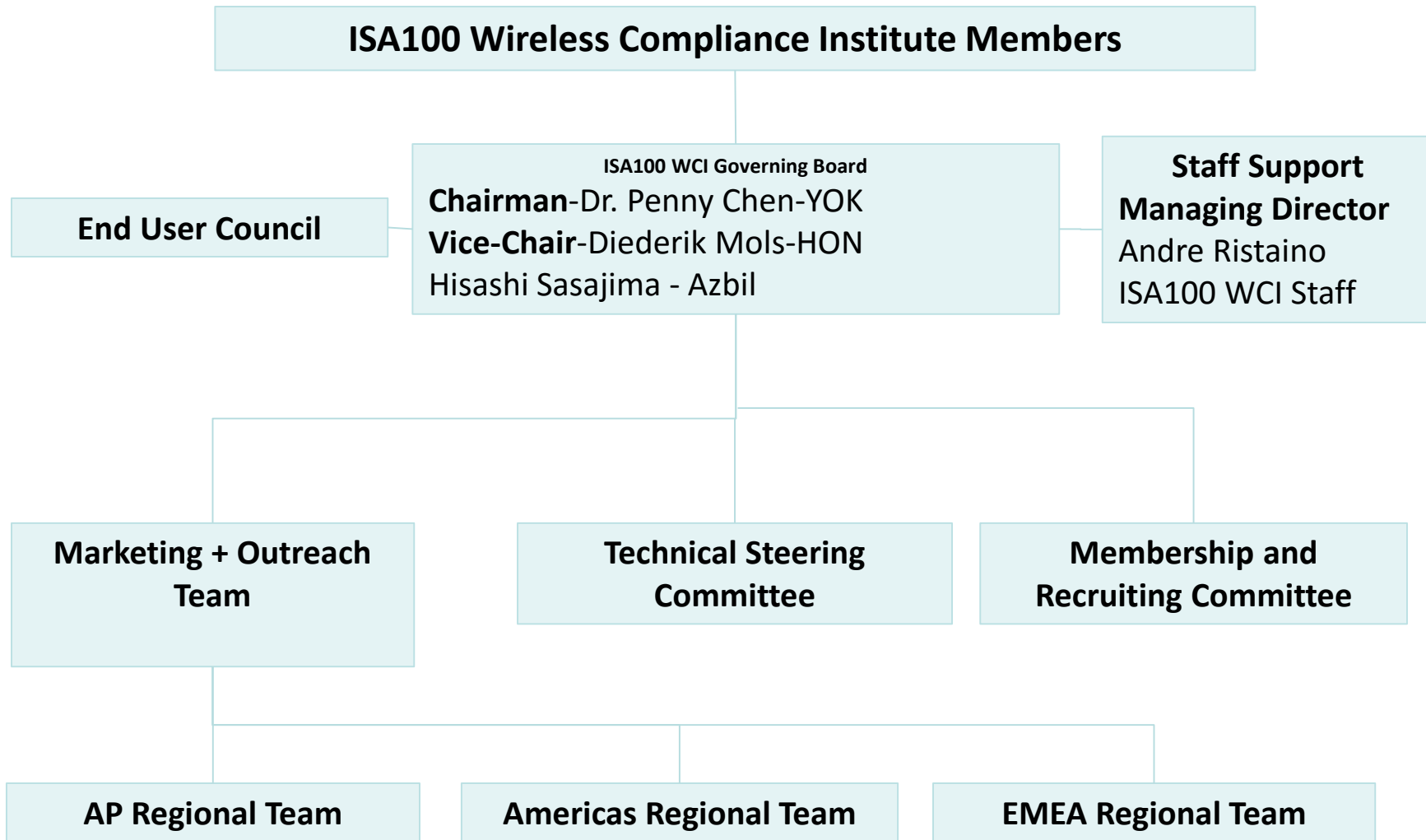
Universal Industrial Wireless Standard

IEC 62734

March 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

Visit the ISA100 WCI website www.isa100wci.org

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



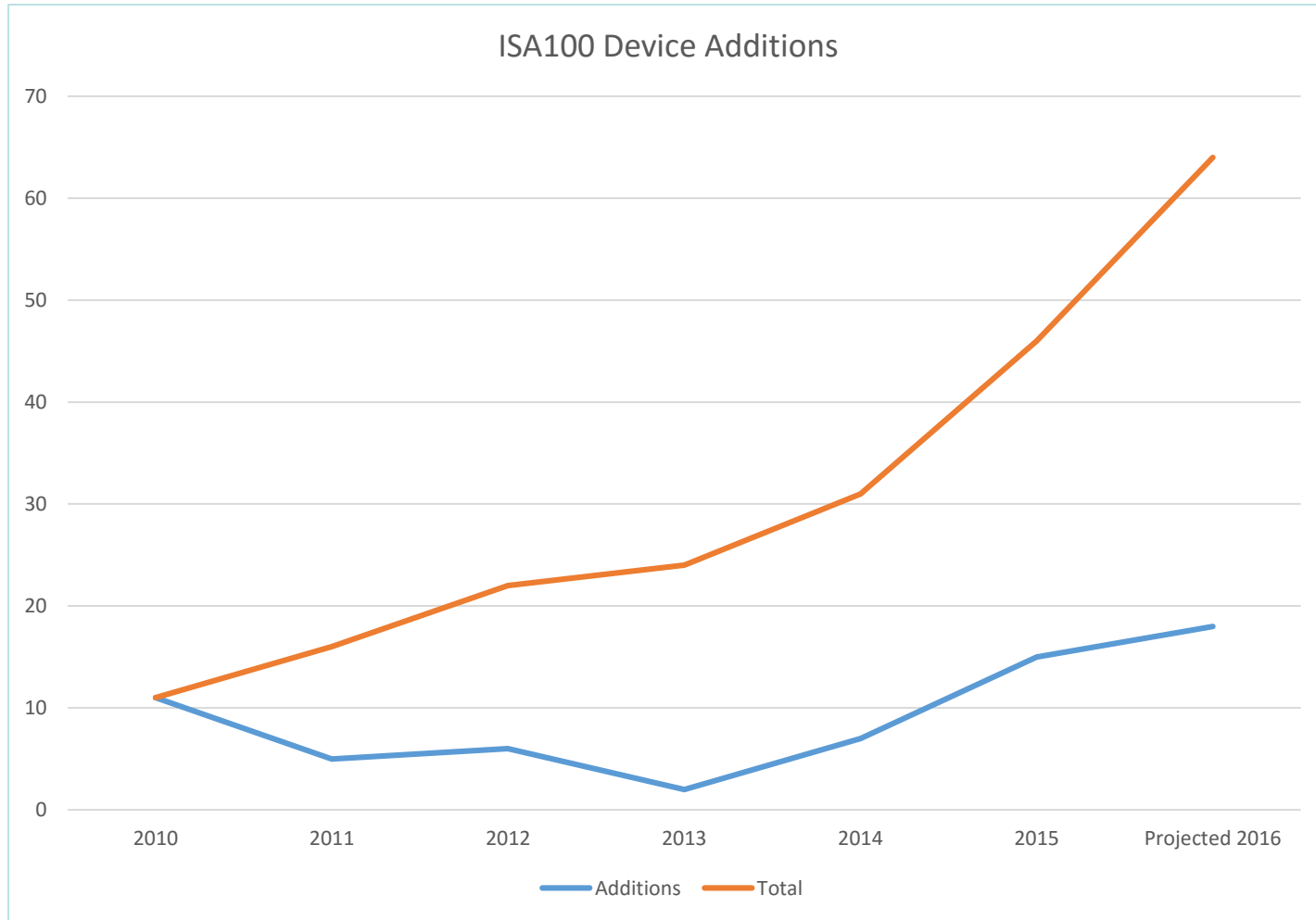
Andre Ristaino
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Managing Director, ASCI

ISA100
WIRELESS
COMPLIANT™

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 45 devices
- Certified ISA100 Wireless Devices exceeds 25 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
 4. Honeywell

Growth of ISA100 Device Portfolio



ISA100 Devices Added Jan 2015 – Jan 2016

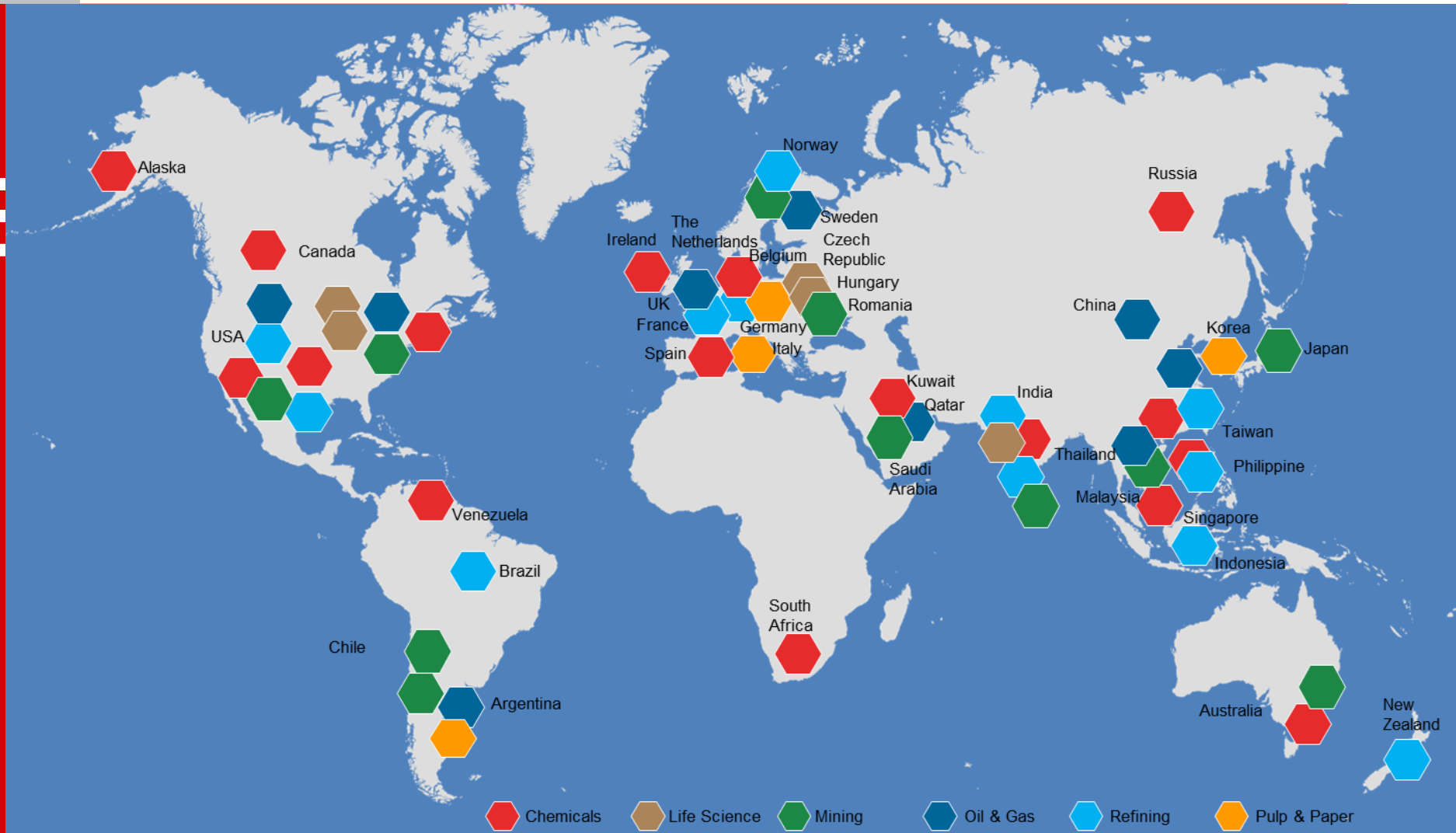
	Device Type / Manufacturer	Certified
1	Yokogawa Universal Comm. Module / Stack	Yes
2	Yokogawa Multi-function I/O Adapter	Yes
3	Yokogawa Multi-protocol Adapter	Yes
4	TLV Steam Trap	Yes
5	TLV Steam Trap	Yes
6	Armstrong Steam Trap	Yes
7	Spirax-Sarco Steam Trap	Yes
8	Cosasco Corrosion Sensor	Yes
9	Scott Safety Gas Detector	No
10	FlowServe Valve Positioner	Yes
11	SKF Vibration Sensor	Yes
12	CDS Vibration Sensor	No
13	Murata Comm. Module / Stack	Yes
14	Bitherm Steam Trap Monitor	Yes
15	Nexcom ISA100 to WIFI bridge	N/A

Total ISA100 Wireless device portfolio = 45

Total Certified ISA1000 Wireless Devices = 25

ISA100 Wireless Global Installation Map

Many Billions of Operation Hours



Interest is Growing for ISA100 Wireless

Website Traffic

	2014 EOY	2015 EOY	Jan 2016
Visitors/month	15,000	17,293	20,060
Page Views/month	20,000	27,091	29,579

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.*
- 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 29,000 web views per month

www.isa100wci.org