

ISA100 Wireless Compliance Institute (WCI)

9 Nov 2022

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Alliances, Consortia and, Conformity Assessment Programs

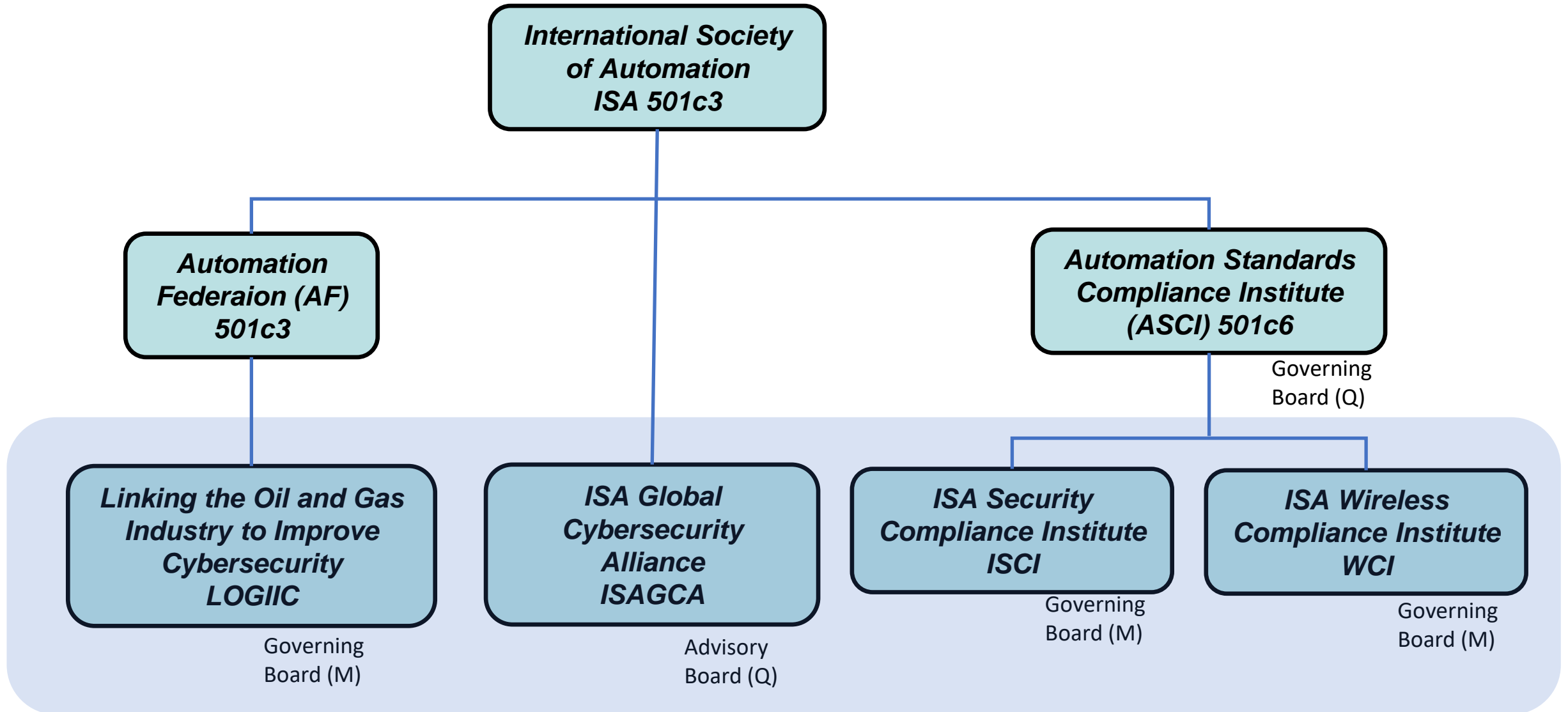
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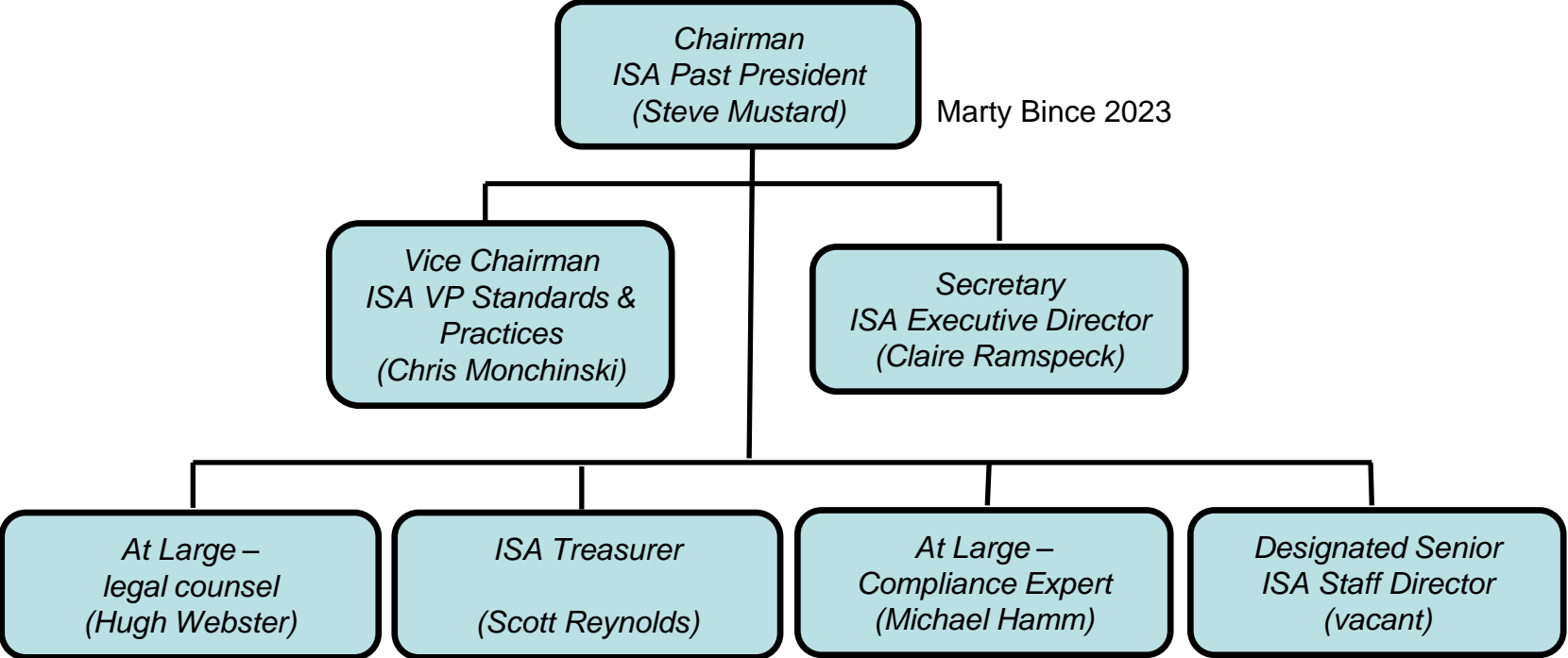


2022 ISA Consortium Organization

Company / Industry Group Memberships



2022 ASCI Board of Directors



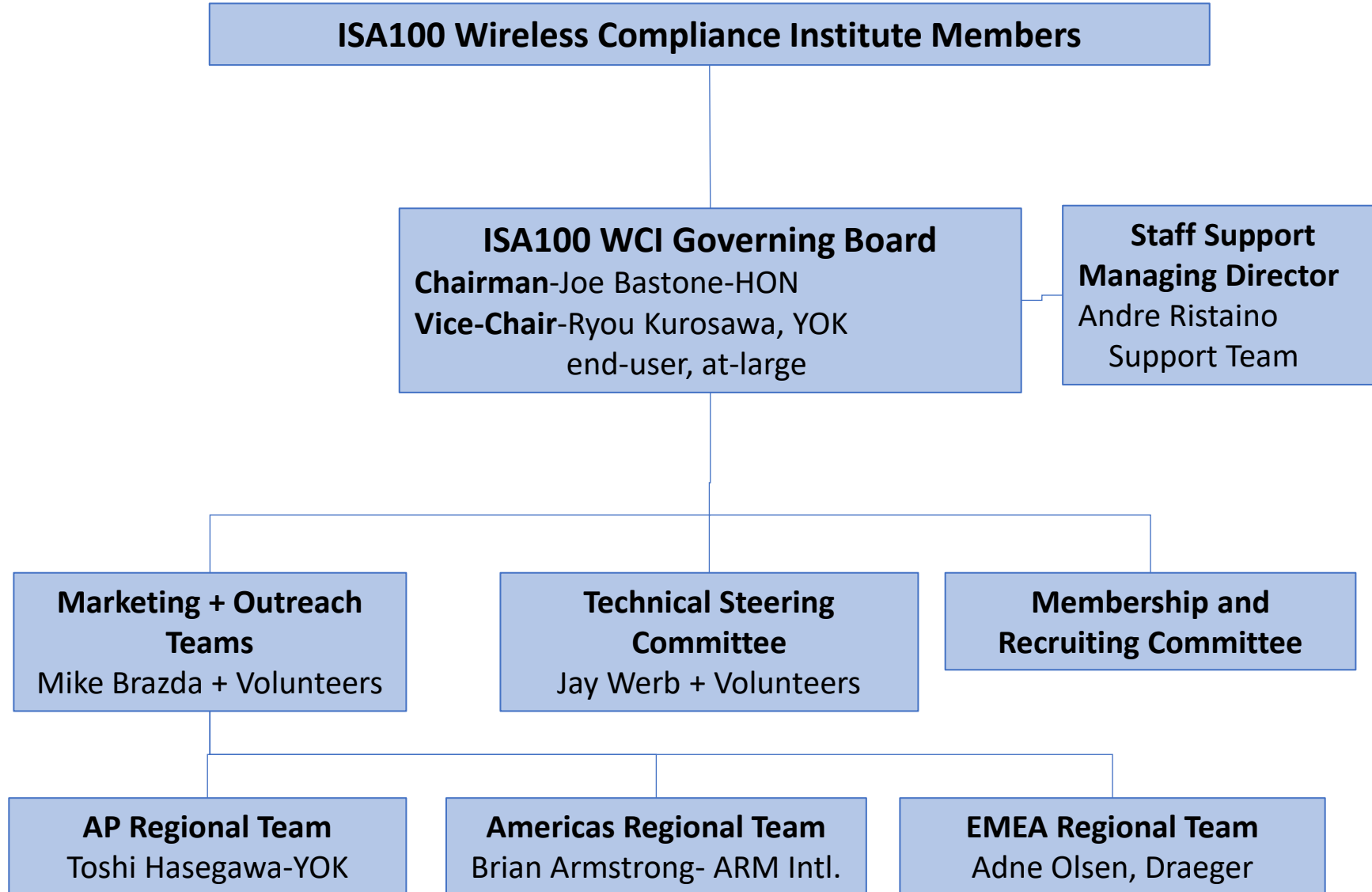
ISA100 Wireless Compliance Institute

www.isa100wci.org

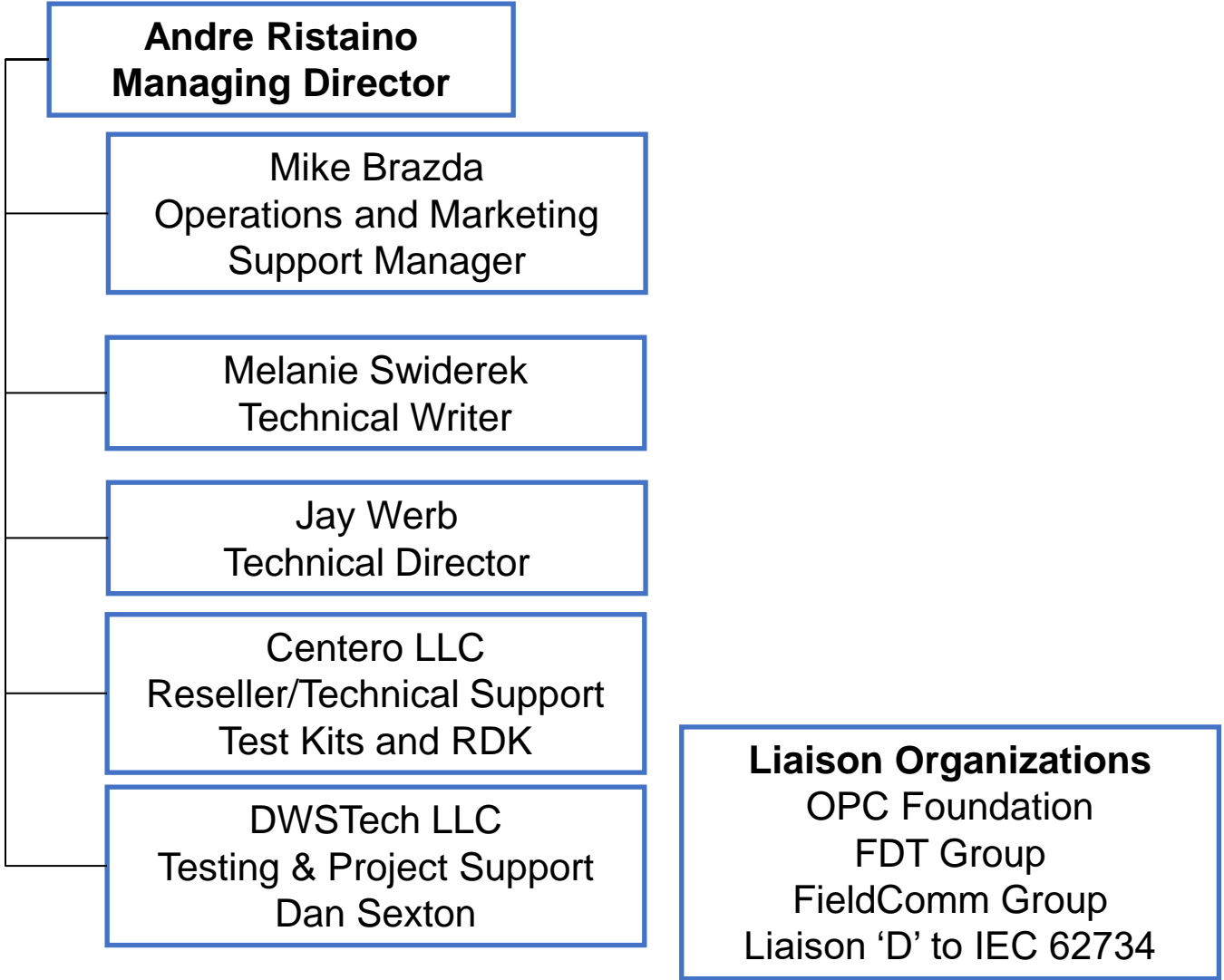


Mission – Operate a product certification program to ensure interoperability of certified ISA100 Wireless products and systems and promote global adoption of the standard. Similar to WiFi Alliance but for ISA100.11a (IEC62734)

ISA100 Wireless Volunteer Organization



ISA100 Wireless Staff Support Organization



ISA100 Wireless Members



YOKOGAWA



WCI Product Portfolio Growth

ISA100 Wireless product portfolio has expanded to over 65 interoperable products including:

Gas detection, position sensor, temperature, pressure, valve positioner, radar level meter, Hart to ISA100 adapters, Modbus to ISA100 adapters, valve position sensor, corrosion sensing, steam trap monitors, safety valve monitor, universal I/O modules, vibration monitors, limit switches, access points, paperless recorders, ISA100 Wireless development kits, repeaters.

In 2021 product suppliers started migrating products to the next generation (W2-01)ISA100 Wireless Implementation specification. The new specification adds more detailed implementation instructions and functionality to implement additional security capabilities.



ISA100 WCI Annual Recognition Award

2021 ISA100 Wireless *Excellence in Automation Award* earned by EnQuest UK, joining a list of distinguished end users which include Fuji Oil Company, Ltd.; ILBOC; BAPCO; Alcoa; Phillips 66; PETRONAS; and Nippon Steele & Sumikin Engineering.

Draeger have designed and implemented in collaboration with EnQuest UK at the EnQuest UK Sullom Voe Terminal:

- The largest ISA100 Wireless gas detection system in the UK and one of the largest in the world.
- The system includes 122 Wireless gas detectors
- Employs dual redundancy
- Retains complete safe gas detection coverage following any component failure.



ISA100 WCI Outreach

YouTube

Using RealPars to professionally generate and host ISA100 YouTube videos.

YouTube video view counts on RealPars channel:

1. Difference Between ISA100 Wireless and WiFi - **47,767** views
2. What is ISA100 Wireless - **14,314** views
3. How to Build an ISA100 Wireless Product – **14,104** views
4. ISA100 Wireless in Alcoa Plants- Single Plant-wide Wireless Network- **7,006** views

Industry Live Events

OTC USA – Draeger & Armstrong
Annual JEMIMA in Japan

LinkedIn 1,243 followers



ISA100 WCI Outreach - Webinars

Presented and Recorded

1. Future Proof your site with the Flexibility of ISA100 Wireless (October 26th, 2022)
2. Cloud based ISA100 Wireless data acquisition system (October 12th 2022)
3. 2021 Excellence in Automation Award Winner - EnQuest UK (August 17th, 2022)
4. Continuous SRV Leak Detection as an Essential Component of Risk Management - ISA100 Wireless Safety Relief Valve Use Case (May 18th, 2022)
5. ISA100 Wireless Rapid Development Kit (April 13th, 2022)
6. Solving a Leak Challenge and Preparing for the Future with ISA100 Wireless (March 22nd, 2022)
7. BLE - Next Generation Solution for ISA100 Wireless (March 2nd, 2022)



ARC Industry Forum- Feb 2020

Ristaino Presents 2019 *Excellence in Automation Award* to Iberian Lube Base Oil Company, S. A.



Last pre-Covid WCI event.



ILBCO use case was a 904 node ISA100 Wireless steam trap monitoring application.

Taking a break from consortiums!!



ISA
100
WIRELESS

ISA Secure[®]

ISA GLOBAL
CYBERSECURITY
ALLIANCE

LOGIC