ISA100 Wireless Training Day

ISA100 Wireless Compliance Institute

Galveston, Texas
9 November 2022

Agenda
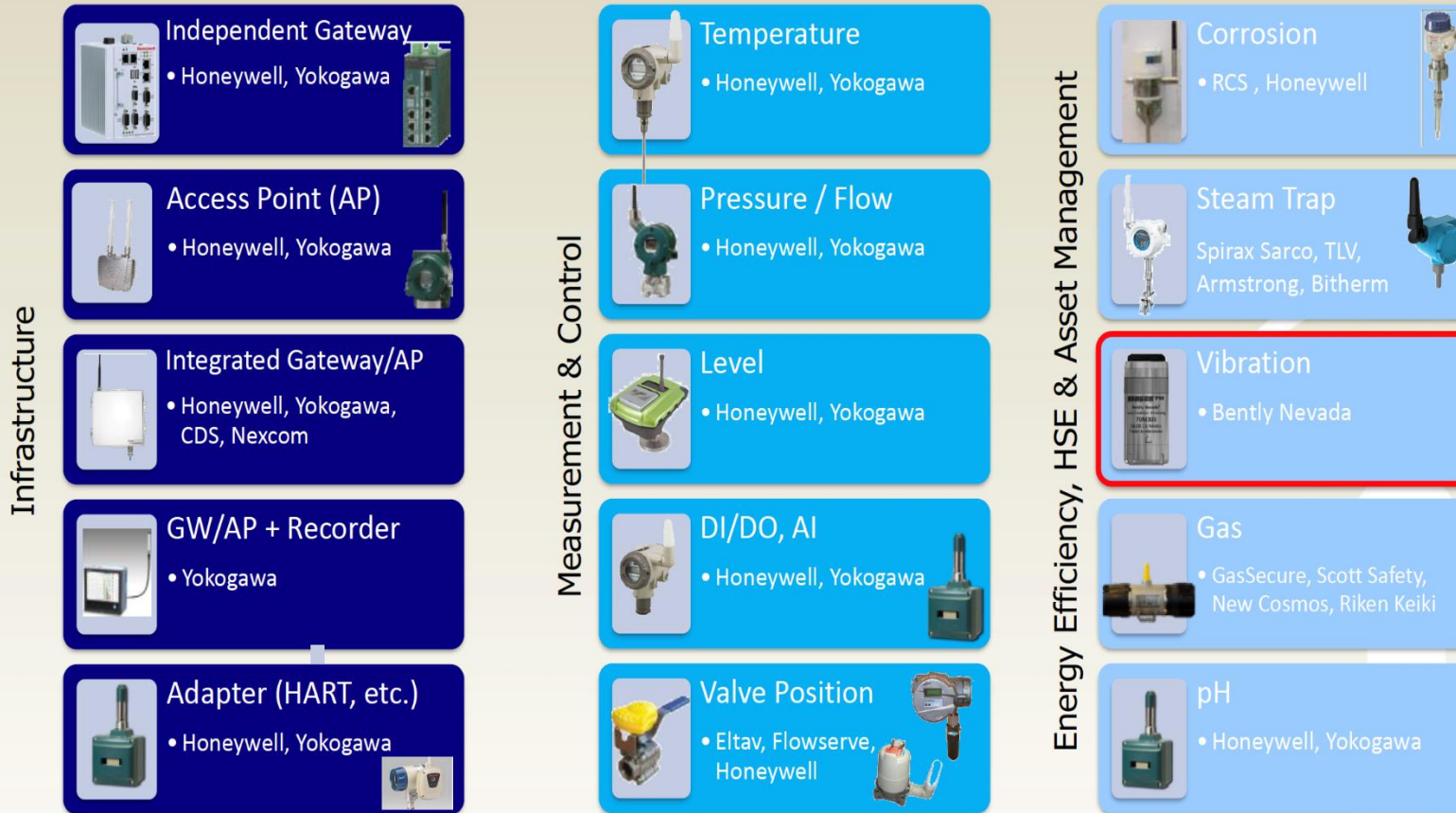
09:00 – 09:45	ISA100 Wireless Overview
09:45 – 10:45	Current State of the Market
10:45 – 11:15	Break
11:15 – 12:15	What you can do with ISA100 Wireless Technology
12:15 – 13:45	Lunch
13:45 – 14:15	What you can do with ISA100 Wireless Technology (Continued)
14:15 – 15:15	Field Deployment Guidelines
15:15 – 15:30	Break
15:30 – 16:30	Symposium
16:30 - 17:00	Test

Existing ISA100 Wireless Ecosystem

Many Products, Many Suppliers...

Infrastructure

- Independent Gateway
  - Honeywell, Yokogawa
- Access Point (AP)
  - Honeywell, Yokogawa
- Integrated Gateway/AP
  - Honeywell, Yokogawa, CDS, Nexcom
- GW/AP + Recorder
  - Yokogawa
- Adapter (HART, etc.)
  - Honeywell, Yokogawa

Measurement & Control

- Temperature
  - Honeywell, Yokogawa
- Pressure / Flow
  - Honeywell, Yokogawa
- Level
  - Honeywell, Yokogawa
- DI/DO, AI
  - Honeywell, Yokogawa
- Valve Position
  - Eltav, Flowserve, Honeywell

Energy Efficiency, HSE & Asset Management

- Corrosion
  - RCS , Honeywell
- Steam Trap
  - Spirax Sarco, TLV, Armstrong, Bitherm
- Vibration
  - Bently Nevada
- Gas
  - GasSecure, Scott Safety, New Cosmos, Riken Keiki
- pH
  - Honeywell, Yokogawa

59 certified products from 17 different suppliers

1 products with ISA/IEC 62443 certifications

ISA100 WIRELESS COMPLIANCE INSTITUTE™

How companies Developing Products Now Can Proceed

Purchase the RDK:
You build the sensor, we build the communication module

Partner with existing stack supplier: You build the sensor, they build the stack, you figure out how to integrate them.

Build it all yourself:
You build the sensor and the stack.

Intro to the WCI supported Dev Model: RDK

Shorten development time from months to weeks.

Developed by the ISA100 Wireless Compliance Institute

Sold and Supported by Centero

Questions?

ISA100 Wireless Certification

Pre Test
- ✓ Purchase DTK/STK from WCI
- ✓ Bring Your Product into Compliance in your lab using Test Kit(s)
- ✓ Services available to assist you

Testing
- ✓ Schedule Formal Certification Test with WCI
- ✓ Ship product and passing test logs to WCI
- ✓ Achieve Certification (3-4 Weeks)

Post Test
- ✓ **Eligible To Display Certification Mark on your product literature and marketing materials**
- ✓ **Eligible to Display your product in the WCI managed list of certified Products**

ISA100 Wireless Compliance Institute Membership

✅ Rights to license WCI IP incl. implementation specification

✅ Participate in WCI Marketing Initiatives

✅ Protect your investment by shaping direction of WCI

Questions?