



## **ISA100 Wireless Compliance Institute Delivers Wireless Test Kits to Ensure Device Interoperability and Stack Conformance to ISA100.11a Standard**

**Research Triangle Park, NC (16 June 2010)** – The ISA100 Wireless Compliance Institute (WCI) today announced the availability of its ISA100.11a Stack Conformance and Device Interoperability Test Kits designed to verify conformance to the ISA100.11a standard. Both kits verify the correct communication behavior of a wireless device as defined in the ISA100.11a standard and provide comprehensive packages and tools for troubleshooting, debugging and regression testing of ISA100.11a products.

“Designed to help manufacturers develop products that conform to the ISA100.11a standard, the Wireless Test Kits provide manufacturers with a complete set of components to easily verify their product before submission for certification and guarantee conformance with the ISA100.11a technical standard,” said Andre Ristaino, managing director, ISA100 Wireless Compliance Institute. “The test kits used by the WCI accredited test labs are the same kits available to supplier organizations.”

### **ISA100.11a Stack Conformance Test Kit**

The ISA100.11a Stack Conformance Test Kit is a comprehensive package that enables the user to ensure a manufacturer’s communication stack conforms to the formal ISA100.11a registration testing and will verify the correct communication behavior of a wireless device as defined in the ISA100.11a standard.

This kit also ensures ISA100.11a communication stack conformance prior to device interoperability testing. Components include a script server and software, test script source code and technical documentation, four diagnostic backbone routers, reference device under test and, an Ethernet router.

### **ISA100.11a Device Interoperability Test Kit**

A subset of the Stack Conformance Test Kit, the ISA100.11a Device Interoperability Test Kit is a comprehensive package that enables users to ensure a manufacturer’s device conforms to the formal ISA100.11a registration testing and verify the correct communication behavior. The kit ensures ISA100.11a device interoperability in native mode, in conjunction with the ISA100.11a Stack Conformance Test Kit.

Components include the script server and software, test script source code and technical documentation, diagnostic backbone router, reference device under test and Ethernet router.

Both ISA100.11a Wireless Test Kits are available now and will be used by organizations developing products to the ISA100.11a standard. The test kits are typically used in Research and Development and Quality Assurance groups of supplier organizations.

Both kits are delivered with a one year warranty and require only a PC with web browser.

To order a test kit and for detailed information about the ISA100.11a Wireless Device Test Kits please visit: [WCI Test Kits](#)

The *ISA100.11a* industrial wireless networking standard is the first in the ISA100 family of standards. This wireless mesh network standard protocol helps supplier companies build interoperable wireless automation control products. As a result, manufacturing and processing plants are able to create, modify, optimize and scale a wireless network quickly, cost-effectively, and seamlessly.

Future ISA100 standards will include support for backhaul functionality, factory automation, and other key-use cases. Details on the approved standard, the ISA100 roadmap, and use-case presentations are available at [www.isa.org/ISA100](http://www.isa.org/ISA100).

### **About the ISA100 Wireless Compliance Institute**

The ISA100 Wireless Compliance Institute (WCI) is a non-profit industry consortium providing users and developers with market awareness, educational information, technical support, and compliance for the ISA100 family of universal industrial wireless standards. The WCI provides real world feedback from deployment of ISA100 devices and systems to ISA Standards Committees in order to foster rapid refinement and development of open industry standards for wireless applications. Institute members include end users, technology suppliers, research and development professionals, academia, and other industry consortia and standards bodies. Early members include Apprion, BP, Chevron, Chongqing University of Posts and Telecommunications, ExxonMobil, Fuji Electric, Gastronics, GE, Honeywell, Nivis, Procter & Gamble, R3 Sensors, Shell, Shengyang Institute of Automation, Yamatake and Yokogawa. More information about the ISA100 Wireless Compliance Institute can be found online at [www.isa100wci.org](http://www.isa100wci.org).

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