TÃœV Rheinland Introduces Improved ZigBee Test Environment

TÃœV Rheinland, one of only three organizations authorized to test products for compliance to ZigBee standards, has developed a proprietary software-based testing system that is faster and more flexible than previous testing environments.

ZigBee is the technology for low-cost, low-power wireless sensor and control networks. ZigBee standards use 2.4 GHz radio frequency to monitor and control applications such as: smart energy devices including thermostats, in-home displays, smart meters and others; home and building automation devices such as light fixtures, switches and entertainment systems; healthcare devices including monitors and equipment; retail services such as payment terminals and information nodes; and other personal area network applications.

TÃœV Rheinlandâ€™s new XML-based testing system is suitable to run all ZigBee specifications and standards product-testing programs. With this test harness, TÃœV Rheinland will be able to quickly and efficiently test products for the ZigBee Certified program offered by the ZigBee Alliance.

â€œOur new testing harness is the logical next step for testing and certifying ZigBee products,â€ said Sarb Shelopal, regional operations manager of telecom services for TÃœV Rheinland. â€œWe are now very well poised to capitalize on the continuing expansion of convenient, interactive and energy efficient radio frequency-based controls and monitoring systems, offering our customers fast and accurate results not only for their ZigBee needs, but also other end-to-end services for their RoHS/WEEE, REACH, Energy StarÂ® and other environmentally friendly initiatives.â€

TÃœV Rheinland offers ZigBee testing services at multiple locations around the world, always in conjunction with value-add compliance testing and certification programs.

For more information, visit www.tuv.com/us [1].

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