

ABB's AC 800M controller achieves Achilles™ Level 1 cyber security certification

Wickliffe, OH, September 12, 2007 – ABB announced today that its System 800xA Extended Automation AC 800M controller recently achieved Achilles™ Controller Level 1 cyber security certification. Wurdtech Security Technologies, a leading provider of security products and services for the industrial automation industry, introduced its Achilles Controller Certification Program earlier this year.

The Achilles testing process is very rigorous --according to Wurdtech, the majority of controllers submitted have failed Level 1 Certification testing, and a substantial number have still not passed on retest. The AC800M controller passed each of the over 30 million individual tests required to achieve Achilles Level 1 Certification.

“Cyber security is one of the most challenging issues that today’s automation customers must consider when evaluating their control system strategies; the Achilles certification program assures these customers that their automation system has the quality, reliability and robustness needed to resist a potential cyber incident,” said Alicia Bauer, Director of Systems Marketing, ABB Inc. “We have pursued Achilles certification for the AC 800M controller as part of our ongoing commitment to provide our customers with trusted, high integrity solutions that help them operate more safely, securely, and productively.”

Over the past decade, critical equipment used in the control of power generation and distribution, oil production, transportation, manufacturing and other critical processes has become increasingly interconnected through the use of technologies such as Ethernet, TCP/IP and various web services. While this has brought considerable benefit in the form of improved information flows and efficiency, it also exposes these systems to the possibility of attack from viruses, hackers and terrorists from around the world. Because of this, the industrial controls industry is experiencing pressure from government and industry to meet ever growing regulatory and security compliance requirements.

Wurdtech and its partners developed the Achilles Certification Program to provide a benchmark for the certification of secure industrial controllers. The certification process presents device manufacturers with an independently verified result from which to communicate their product security to customers, while providing operators of control systems the most complete, accurate, and trustworthy information currently possible on the security of their deployed products. Achilles Level 1 Certification verifies the security, reliability, and robustness of a device's implementation of OSI layers 2 – 4, including Ethernet, ARP, IP, ICMP, TCP and UDP.

System 800xA extends the scope of traditional control systems to include all automation functions in a single operations and engineering environment so that plants/mills can run smarter and better at

substantial cost savings. Its reach extends well beyond the realm of essential process control to production management, safety, smart instrumentation, smart drives and motor control, information management, asset optimization, simulation, and documentation. System 800xA's unique engineering environment manages one set of consistent data, for single-point entry, single-point change, and re-use across the plant. *Control Engineering* magazine selected System 800xA Extended Automation to receive an Editors' Choice Award as one of the best products introduced in 2004.

About Wurldtech Security Technologies:

Wurldtech Security Technologies (www.wurldtech.com), headquartered in Vancouver, BC, Canada, is the leading provider of security solutions to SCADA, process control and mission-critical industries. Wurldtech is committed to delivering breakthrough products and services that help protect global critical infrastructure and address the security needs of major industrial organizations and government agencies worldwide.

About ABB:

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 111,000 people.

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