Digi Introduces First Embedded Module to Enable FIPS 140-2 Security for Wireless Devices

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XPress™ Crypto Module enables OEMs and integrators to fast track development of network products where FIPS validation is required

MINNETONKA, Minn. (March 22, 2011) - Digi International (NASDAQ: DGII) today introduced the XPress Crypto Module, the industry's first cryptographic embedded module for developing wireless and wired devices that meet stringent federal cryptography standardsrequired for many government, financial and other regulated industries. The XPress Crypto Module is validated by the National Institute of Standards and Technology (NIST) to Level 2 of the Federal Information Processing Standard (FIPS) 140-2 (certificate #1452). Digi has designed the cryptographic module into its XPress Ethernet Bridge, a 900 MHz wireless Ethernet bridge, in order to market the product as "FIPS 140-2 Inside." OEM customers can follow this same design process to achieve rapid time to market for products bearing the official NIST FIPS 140-2 logo.

"Most federal agencies can only purchase wireless security products that include validated FIPS 140-2 software and hardware," said Steve Mazur, director of government sales, Digi International. "The FIPS 140-2 validation process is time consuming and complex. Digi now offers a way to bring NIST FIPS 140-2 labeled products to market without spending months in certification testing."

The XPress Crypto Module is FIPS 140-2 Level 2 certified and provides data encryption in a secure hardware platform. The cryptographic boundary is limited to the module so product features can be added without requiring recertification. The module supports a Serial Peripheral Interface (SPI) and can be readily embedded in a host microcontroller circuit. A USB control interface allows passwords and encryption keys to be set from a PC, ensuring physical control over access to the configuration. The circuit board is treated with a government approved, tamper-evident coating to protect encryption keys from being compromised.

The module features an industrial temperature range (-40°C to +85°C) and small form factor (30 mm x 50 mm x 15 mm), allowing it to be used in a wide variety of applications. Digi also offers other FIPS certified products including the Digi Passport® FIPS console server and XPress 900 MHz Ethernet Bridge.

XPress Crypto Module development kits are available now for $399. For more information about the XPress Crypto Module, visit www.digi.com/xpresscrypto.

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