press release

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Ultra Electronics AEP announces FIPS 140-2 Level 4 validation of new crypto module for Keyper[Plus] HSM

Ultra Safe Keyper[Plus] Hardware Security module (HSM) provides increased performance and capability for the most demanding security applications.

LOUDWATER, UK (January 2015) Ultra Electronics AEP, the provider of trusted security, announces that their ACCE v3 crypto module for the Ultra Safe Keyper[Plus] HSM has been successfully validated to the most stringent level of the internationally-recognised FIPS 140-2 security standard (NIST CMVP certificate #2298).

AEP's world-leading Keyper™ range of HSMs provides maximum-security key generation, key storage and key management to support a broad range of application and infrastructure security requirements. Typical applications include digital identity, PKI, DNSSEC, code signing, SSL/TLS VPN authentication, database encryption and digital rights managements (DRM).

AEP Keyper hardware security modules are the only network-attached HSM's to employ FIPS 140-2 Level 4 technology, where the physical security mechanisms provide a complete envelope of protection around the cryptographic module with the ability of detecting and responding to all unauthorised attempts at physical access.

The Keyper[Plus] is the latest HSM in the Ultra Safe range, featuring an all-new crypto platform that offers increased performance, support for Elliptic Curve cryptography (ECDSA, ECDH) and capacity for significant further enhancements via firmware upgrade. Its advanced design and tamper-reactive mechanisms defend against the growing threats to intellectual property, high-value information assets and corporate reputation.

Rob Stubbs, Product Director at AEP, commented: "Organisations are facing an uncertain time; the security landscape is rapidly evolving and sensitive data is increasingly coming under attack. Security technologies need to evolve with these threats, providing higher levels of protection. Keyper[Plus] provides the highest level of assurance available for the protection of mission-critical applications and infrastructure."

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About Ultra Electronics AEP

AEP provides trusted security everywhere and develops high-assurance security and communication technologies, securing data regardless of device, environment or location, tested and accredited to industry security standards, including FIPS, Common Criteria and CAPS. Trusted by businesses, governments and the defence sector, its extensive portfolio of products and solutions protect the integrity of very sensitive data and are extremely reliable, survivable and resilient.

AEP is a business unit of Ultra Electronics, an internationally successful defence & aerospace, security & cyber, transport and energy company with a long, consistent track record of development and growth. Ultra businesses constantly innovate to create solutions to customer requirements that are different from, and better than, those of its competitors.

For more information, please visit www.ultra-aep.com.

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