

SecureRF Awarded “Best Contribution to IoT Security” at ARM TechCon 2017

Shelton, CT, October 30, 2017 – [SecureRF Corporation](#), a leading provider of quantum-resistant security tools for the Internet of Things (IoT), is pleased to announce it received the “Best Contribution to IoT Security” award at this year’s [ARM TechCon](#). SecureRF was chosen from a number of strong finalists, in recognition of their public-key [solutions](#), Ironwood Key Agreement Protocol™ (Ironwood KAP™) and Walnut Digital Signature Algorithm™ (WalnutDSA™), which provide future-proof authentication and data protection for low-resource devices, including ARM’s most resource-constrained processors.

A growing number of IoT devices are running on 8-, 16-, and 32-bit processors that do not have the computing and memory resources needed to support contemporary security methods. An additional challenge for engineers building solutions that will be in the market for ten years or more is the need to address the threat of known quantum computer attacks that will render legacy cryptographic protocols, such as ECC and RSA, broken. SecureRF addresses these problems with solutions that scale, even in devices with limited computational resources. Available in both hardware and software implementations, Ironwood KAP™ and WalnutDSA™ are at least 60 times faster than ECC, consume up to 140 times less energy, and do not require the management of a key database or connection to a network. With SecureRF’s solutions, engineers using even the smallest ARM Cortex-M series processors can secure their IoT products.

“Our future-proof methods are delivering security solutions to our semiconductor, automotive, and industrial partners today,” said Louis Parks, CEO of SecureRF. “Receiving this notable award further validates that the industry sees the need to deliver strong device-level security that addresses the large number of small things now entering the IoT.”

SecureRF’s protocols are complementary to ARM’s TrustZone and CryptoCell technology. To get your free IoT Embedded Security [Software Development Kit](#), call 1-203-227-3151 or email info@securerf.com.

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About SecureRF

SecureRF® Corporation (securerf.com) develops and licenses quantum-resistant, public-key security tools for low-resource processors powering the Internet of Things (IoT). The company’s authentication and data protection solutions are highly efficient when compared to techniques like ECC and RSA. SecureRF delivers ultra-low-energy, fast, and small footprint solutions ideally

suited for 32-bit, 16-bit, and even 8-bit devices like the ARM Cortex M0/M3 and RISC-V processors. SecureRF security solutions are used to address wireless sensors, NFC, Bluetooth, and RFID tags as well as embedded platforms including FPGAs, microcontrollers, and ASICs. Software Development Kits, RTL, and tools are available for a wide range of environments.

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Company Contact:

C. J. Abate

Marketing@SecureRF.com

+1 203-227-3151

Media Contact:

Alexandra Sorton, Publitek

alexandra.sorton@publitek.com

+44 (0)1225 470000