News Release

SecureRF to Present Ultra-Low Power Security Solutions at Sensors Expo

Ultra-low power and high speed identification, authentication and encryption solutions for the Internet of Things

Highlights:

- SecureRF to showcase the most advanced security technology for sensors in the Internet of Things at Sensors Expo, June 9-11, 2015 in Long Beach, CA
- SecureRF's technology provides identification, authentication and encryption security for low power sensors without the need for a network connection
- SecureRF's technology, featuring the Algebraic Eraser™, produces an energy reduction of up to 98% and processing speed improvements of up to 40x over ECC – providing the lowest energy, most efficient Public Key solution available today
- SecureRF's security solutions can be licensed for use within existing sensor hardware/software platforms or are available through SecureRF's LIME Tag™ NFC and UHF sensors

Shelton, Connecticut May 27, 2015 – SecureRF, a leading provider of security solutions for the Internet of Things, will be participating in next month's Sensors Expo & Conference in Long Beach, CA, June 9-11, 2015. The company will be demonstrating its Public Key security solutions that provide the fastest, most power efficient identification, authentication, and encryption security for both wired and wireless sensors. The security solutions can be licensed for use within existing hardware or software platforms. Alternatively, for companies seeking a complete solution, SecureRF offers its LIME Tag NFC and UHF sensor tags with onboard security.

Featuring the Algebraic Eraser, the world's only linear-in-time algorithm, SecureRF's security solutions significantly shorten run-time and dramatically reduce the amount of energy required to provide public key security – extending the longevity of tags and sensors. In fact, when benchmarked against Elliptic Curve Cryptography (ECC) across multiple platforms, the Algebraic Eraser proved to use up to 98% less energy while at the same time delivering a 40x increase in processing speed. Additionally, the identification and authentication of any sensor can be completed without a network connection – thus eliminating performance issues that could arise due to poor reception or lack of IT infrastructure.

"SecureRF is excited to have the opportunity to demonstrate how quickly and easily our solutions can secure sensors in the Internet of Things," said SecureRF CEO Louis Parks. "Our Public Key technology presents a unique security solution for any company currently using FPGAs, ASICs and other low power platforms to provide authentication and security."

Sensors Expo and Conference is the largest event gathering of sensors and sensor-integrated technology professionals in North America and is being held at the Long Beach Convention Center. SecureRF will be located in booth #841 within the M2M Wireless section of the show floor – where visitors can receive a live demonstration of SecureRF technology solutions and learn about licensing, product and/or partnership opportunities.

About the Algebraic Eraser

The Algebraic Eraser™ cryptographic method delivers ground-breaking performance for low-power, and passive devices. Offering both symmetric (private key or secret key) and asymmetric (public key) cryptography methods to meet a wide array of security and authentication needs, the AE algorithm runs in linear time with respect to the key length, and employs highly non-linear operations in a non-commutative infinite monoid—yielding unprecedented security. SecureRF has been granted U.S. Patent 7,649,999 for its technology invention in the field of cryptography. The technology, described in the patent entitled "Method and apparatus for establishing a key agreement protocol," provides a system and method for generating a secret key to facilitate secure communications between users via an algorithmically efficient one-way function using a branch of mathematics referred to as braid group theory. The algorithm is computationally hard to reverse while rapidly computable, thus enabling it to run on devices with low computing resources.

About SecureRF

SecureRF Corporation – Securing the Internet of Things® – provides security solutions for embedded systems and wireless sensor technologies used in non-traditional payment systems, secure supply chain management, cold chain management, and anti-counterfeiting applications in the pharmaceutical, fashion, spirits, defense, and homeland security sectors. The company's technology is based on a breakthrough in public-key cryptography that is computationally efficient, yet highly secure and available as a software development kit, Verilog/VHDL, or as a core for FPGAs and ASICs. SecureRF also offers the LIME Tag™ - a range of highly secure NFC, UHF and Bluetooth LE sensor tags along with its anti-counterfeiting solution – Veridify™.

For more information on anti-counterfeiting, cybersecurity or securing the Internet of Things, please contact us at info@SecureRF.com. More information about SecureRF can be found at http://www.SecureRF.com. SecureRF's insights on security can be found on its blog at http://www.SecureRF.com/blog. Follow us on Twitter: https://twitter.com/SecureRF.

# # #

Media Contact:
Danny Bepko
Marketing@SecureRF.com
203-227-3151