SecureRF to Showcase Future-Proof Security Solutions for Low-Resource Processors at Embedded World 2018

Shelton, CT, February 21, 2018 – SecureRF Corporation, a leading provider of quantum-resistant security tools for the Internet of Things (IoT), will be exhibiting its authentication and data protection solutions for low-resource processors and embedded devices at Embedded World 2018 in Nuremberg, Germany. Additionally, SecureRF's CTO, Derek Atkins will give several talks on methods to secure low-resources processors over the course of the conference.

SecureRF technical personnel will be available to meet during the conference and in Microsemi's booth, #1-431 to demonstrate SecureRF's Walnut Digital Signature Algorithm™ (WalnutDSA™) IP running on a Mi-V RISC-V core in a IGLOO2 FPGA. The demonstration will show how digital signatures sent by an external endpoint such as a personal computer can be rapidly verified by WalnutDSA on RISC-V processor with a Mi-V Core. Typical use cases for WalnutDSA include secure boot, secure firmware updates, or any other application where digital signatures need to be verified extremely fast.

On March 1 at 4:00 PM CET, Mr. Atkins will deliver a talk titled "How to Incorporate Low-Resource Cryptography Into a Highly Constrained Real-World Product." Mr. Atkins's talk is part of Conference Session 26 II - Cryptography II and will be presented at Conference Counter NCC Ost. Additionally, Mr. Atkins will be delivering a talk on WalnutDSA in Microsemi's booth, #1-431. Exhibit attendees can listen to Mr. Atkins talk on February 27 at 11 AM CET, February 28 at 5 PM CET and March 1 at 2 PM CET.

"The small devices that power the IoT lack security because they have few, if any, options for providing authentication and data integrity. These embedded devices lack the computing, memory, and/or energy resources needed to implement today's standard security methods which leaves most IoT systems vulnerable to attack," said Louis Parks, CEO of SecureRF. "We are excited to participate in Embedded World 2018 with our partners at Microsemi Corporation to showcase how our solutions, including WalnutDSA, address a significant IoT security challenge by enabling authentication, rapid secure boot, and secure firmware updates in a resource constrained environment."

SecureRF will be exhibiting at Embedded World 2018 in the Microsemi Booth #1-431 from February 27 to March 1, 2018. To request a meeting at Embedded World 2018, contact SecureRF at info@securerf.com or +1 203-227-3151.

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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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