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DATA PROTECTION AND SECURITY, FROM ENTERPRISE TO AUTOS, FOCUS OF TCG AT FLASH MEMORY SUMMIT

Demos and Presentations to Address Securing Data Everywhere

PORTLAND, Ore., July 31, 2017 – Trusted Computing Group (@TrustedComputin) and members will discuss and demonstrate how industry-standard self-encrypting drives (#SED) protect data at the Flash Memory Summit (#flashmem), Aug. 8-10, Santa Clara, Calif.

Protecting data from attacks, theft and malware is one of the biggest problems in computing. In 2017 alone, more than 5,273,578 records have been lost through physical loss, hacks, or insider threats (Privacy Rights Clearinghouse).

On Tuesday, Aug. 8, 8:30 a.m., Dr. Robert Thibadeau, TCG Storage Work Group and Drive Trust Alliance chairman and CEO, will address securing sensitive data in cars with self-encrypting drives in Forum Session T-11. Attendees will learn how secure storage will support the protection of this sensitive data, industry standards and implementation challenges, and best practices.

Following this talk, Dennis Mattoon, Microsoft, will discuss the Device Identifier Composition Engine (DICE) architecture that addresses the critical safety and security requirements of today's autonomous automobile and IoT applications. The scalable, standards-based, IoT security framework provides a foundation for trust services including strong, storage-based, cryptographic device identity and attestation, as well as data integrity, secrecy, and device recovery for smart cars, smart cities and broad IoT applications.

Storage security in cars also will be addressed in another Tuesday session at 3:40 p.m., "Forum T-12: Flash in Autonomous Vehicles, Part 2 (Automotive Track),: organized by Dr. Thibadeau.

Also on Tuesday, Aug. 8, 3:40 p.m. in Session 103-A, "How Do We Know We Have a Secure Flash System? (Security Track)," Michael Romeo of TCG Storage Work Group and Drive Trust Alliance will discuss updates to the TCG's specifications for self-encrypting drives and open source support for those drives.

TCG members will demonstrate data protection in the enterprise and IoT in the FMS 2017 Technology Pavilion, Hall C - D of the Santa Clara Convention Center. Drive Trust Alliance will show open source support of drives, with ULink showing test suites for ensuring compliance to TCG standards. Micron will demonstrate FIPS 140-2 Validated solid state storage devices.

About TCG

TCG's specifications and work groups are available at the Trusted Computing Group's website, www.trustedcomputinggroup.org. Follow TCG on Twitter and on LinkedIn.

-- 30 --

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