

« To make computers better, let them get sloppy

Canadian museums get state of a art IT infrastructure around Scale Computing »

TRUSTED COMPUTING GROUP TO DEMONSTRATE AUTO AND INTERNET OF THINGS SECURITY DURING SAE WORLD CONGRESS TECHHUB APR ...

PORTLAND, Ore.–(Business Wire)–Trusted Computing Group and members will denote solutions for automotive and Internet of Things confidence during a Apr 14 SAE World Congress TechHub, Cobo Center, Detroit.

TCG formerly has demonstrated devoted use cases for automotive confidence around a TPM (Trusted Platform Module) and a Trusted Network Communications network security specifications to safeguard a firmness of delivery of information between a bureau (or third parties) and vehicles and to safeguard a integrity of a embedded electronic control units (ECUs) that control a car's operation. TCG's proceed can:

1. Measure and news on a firmness of firmware and program used in a ECU
2. Create, store, and conduct cryptographic keys in a ECU
3. Provide profession and declaration of temperament of a ECU
4. Support secure firmware and program updates in a ECU
5. Provide anti-rollback insurance and secure pattern memory for a ECU

TCG members Fujitsu and Toyota will denote this approach. Other TCG members will offer attendees insights into regulating devoted computing specifications and standards in other applications that potentially could be practical to vehicles and other IoT environments. These include:

- Protection of egghead skill by a TPM: Infineon and Wibu Systems
- Ensuring trust and confidence for inclination in a IoT connected via mobile or open cloud with TNC specifications: Tempered Networks
- Scalable clever device temperament in a IoT with PKI use regulating the TPM: GlobalSign and Infineon
- Open-source management-software for self-encrypting drives (SEDs): Drive Trust Alliance

The TPM 2.0 (Trusted Platform Module) Library Specification was recently published as ISO/IEC 11889:2015a. A new specification, a TCG TPM2.0 Automotive Thin Profile, privately provides key integrity, attestation, cryptographic pivotal government and corroboration of digital signatures and protected remote installations. The spec recognizes automotive sourroundings constraints and mandate including temperature, vibration, singular memory, energy government stipulations and prolonged life cycles.

About TCG

More information about TCG's specifications and work groups is available during a Trusted Computing Group's website, www.trustedcomputinggroup.org. Follow TCG on Twitter and on LinkedIn.

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COMMENTS

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