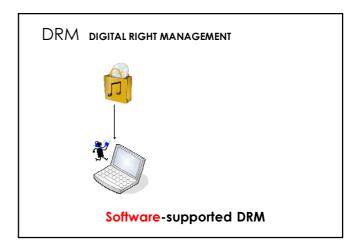
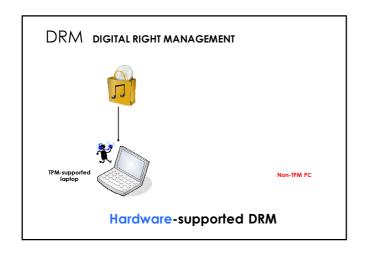


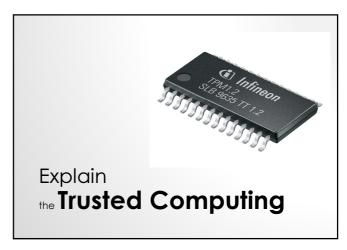


TRUST In Trust Computing

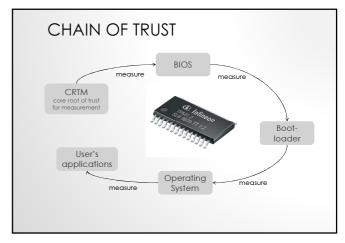
Trust is the expectation that a device will behave in a particular manner for a specific purpose.







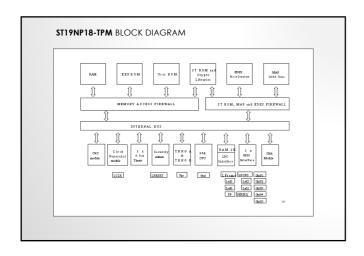


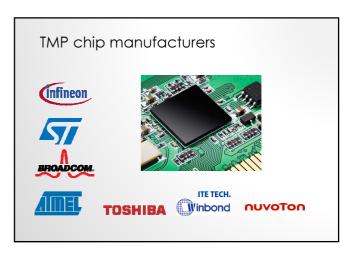


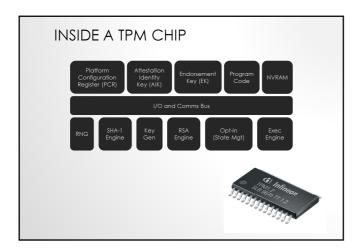
ROOT OF TRUST

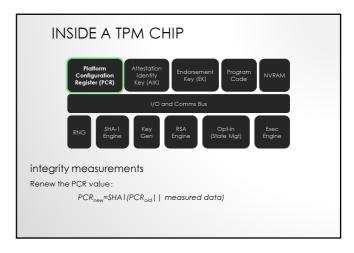
- Trusted Platforms need components that act as a Root of Trust (e.g. CRTM) that must work properly. TCG defines three kinds of Roots of Trust:
- Root of Trust for Measurement (RTM/CRTM):
- · 度量值保存,链式启动过程
- · Root of Trust for Storage (RTS):
- ・密钥生成和管理
- Root of Trust for Reporting (RTR):
- · 验证流程管理

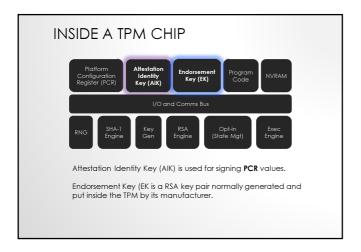


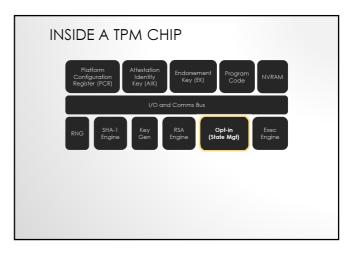


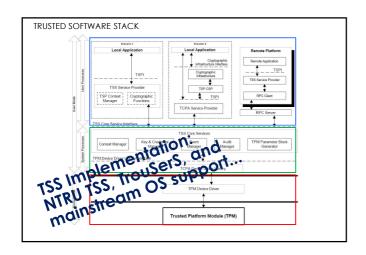


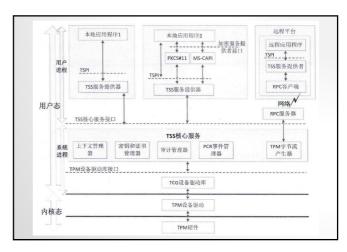




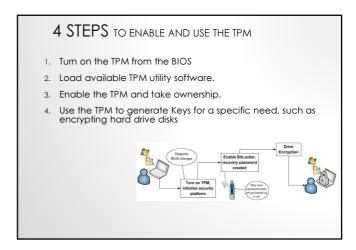




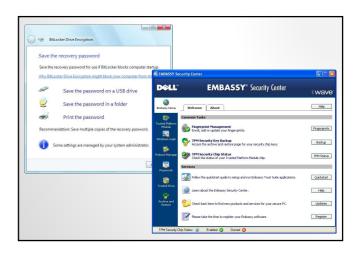


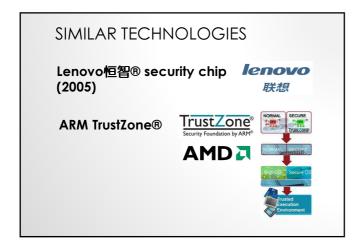


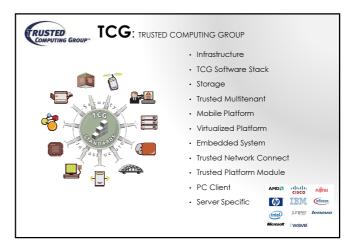












CONTROVERSIES



- · Academia vs. Industry
- DRM
- · Users unable to modify software
- Loss of anonymity
- Shutting out of competing products
- · Trust on the Chip
- Infineon TPM chip has been successfully reverse-engineered (Feb. 2010)

TRUSTZONE