

PWG Plenary TCG Activity Summary

May 2011

Webster, NY – PWG Meeting

Ira McDonald (High North / Samsung)

Co-Chair TCG Hardcopy WG

TCG Overview



- TCG Website
 - <http://www.trustedcomputinggroup.org/>
- TCG Developer Resources
 - <http://www.trustedcomputinggroup.org/developers>
- TCG Description
 - The Trusted Computing Group (TCG) is a not-for-profit organization formed to develop, define and promote open, vendor-neutral, industry standards for trusted computing building blocks and software interfaces across multiple platforms
- TCG Membership Levels
 - TCG Promoter (\$55,000/year) – voting
 - TCG Contributor (\$16,500/year) – voting
 - TCG Adopter (\$8,250/year) – non-voting
 - TCG Adopter (\$1,000/year) – non-voting small company

TCG Workgroups



- Authentication
- Embedded Systems – NEW
- Hardcopy
- Infrastructure
- Mobile Phone
- PC Client
- Server Specific
- Storage
- Trusted Multi-Tenant Infrastructure (TMI)
- Trusted Network Connect (TNC)
- Trusted Platform Module (TPM)
- TCG Software Stack (TSS)
- Virtualized Platform

TCG Embedded Systems WG



- Embedded Systems (EmSys) WG – chartered in May 2011
 - Develop open and vendor neutral architecture, interfaces, and standards framework for embedded systems
- Embedded Systems (EmSys) WG – scope of activities
 - Driven by solution level architecture expertise
 - Develop use cases that include vertical market requirements
 - Identify and document specification requirements
 - Develop necessary extensions to TCG specs per requirements
 - Align requirements to existing or future TCG WG activities
 - Develop architectural framework using TCG standards
 - Develop architectural components, rules, and specs
 - Cooperate with related external standards groups
- Embedded Systems (EmSys) WG – meeting in June 2011
 - During TCG Members Meeting in Munich, Germany

TCG Hardcopy WG



- Current work
 - Use Cases (e.g., trusted startup, trusted services)
 - Threats (e.g., disclosure, modification)
 - Requirements (e.g., secure data-at-rest)
- Next steps
 - Hardcopy devices are in scope for Embedded Systems WG
 - Relationship with Embedded Systems WG to be discussed in June 2011 during TCG Members Meeting in Munich, Germany