

# PWG Plenary TCG Activity Summary

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Camas, WA – PWG F2F Meeting

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Co-Chair TCG Hardcopy WG

# TCG Overview

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- 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 Member (\$55,000/year) – voting
  - TCG Contributor Member (\$16,500/year) – voting
  - TCG Adopter Member (\$8,250/year) – non-voting

# TCG Workgroups

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- TCG Workgroups Link
  - [http://www.trustedcomputinggroup.org/about\\_tcg/tcg\\_workgroups](http://www.trustedcomputinggroup.org/about_tcg/tcg_workgroups)
- Authentication
- Hardcopy
- Infrastructure
- Mobile Phone
- PC Client
- Server Specific
- Storage
- Trusted Network Connect (TNC)
- Trusted Platform Module (TPM)
- TCG Software Stack (TSS)
- Virtualized Platform

# TCG Media Room

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- TCG Media Room Link
  - [http://www.trustedcomputinggroup.org/media\\_room](http://www.trustedcomputinggroup.org/media_room)
- TCG Press Releases and Member Releases
- TCG Industry News and Articles
- TCG Events
  - [http://www.trustedcomputinggroup.org/media\\_room/events](http://www.trustedcomputinggroup.org/media_room/events)
- TCG Media Resources
- TCG Press Kit Documents
- TCG FAQs
  - [http://www.trustedcomputinggroup.org/media\\_room/faqs](http://www.trustedcomputinggroup.org/media_room/faqs)

# TCG Solutions for Applications

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- TCG Solutions Link
  - <http://www.trustedcomputinggroup.org/solutions>
- Application – Authentication
  - Email, Multi-Factor Authentication, VPN Access, Wireless Access
- Application – Data Protection
  - Self-Encrypting Drives
- Application – Network Security
  - Secure Guest Access, User Authentication, Endpoint Integrity, Clientless Endpoint Management, Coordinated Security

# TCG Solutions for Industries

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- TCG Solutions Link
  - <http://www.trustedcomputinggroup.org/solutions>
- Industry – Financial Services
  - Data Protection, Access Control, Audit and Conformance
- Industry – Government (e.g., US NIST)
  - Data Protection, Access Control, Audit and Conformance
- Industry – Health Care (e.g., US HIPAA)
  - Data Protection, Access Control, Audit and Conformance

# TCG Hardcopy WG

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- TCG Hardcopy WG – Public Charter Summary
  - The Hardcopy Working Group (HCWG) will define open and vendor neutral technical specifications for the components of hardcopy ecosystems that use TCG components to establish their root of trust. Included will be a minimum set of functional, interface, and privacy requirements for hardcopy components. It will further satisfy requirements of scalability, owner control, and interoperability, all qualified by HCWG defined use cases.

Hardcopy systems encompass a complex set of components, and are not limited to traditional “direct-connected” printing peripherals. The Hardcopy Working Group will define specifications for these components within the context of the complete system.

- TCG Hardcopy WG – Current Status
  - Now gathering use cases, threat models, and requirements using terminology based on PWG Semantic Model (storage, interface, console, interpreter, marker, scanner, etc.)

# TCG and Cloud Computing

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- SecureCloud 2010 – 16-17 March – Barcelona
  - <http://cloudsecurityalliance.org/sc2010.html>
- SecureCloud 2010 – Presentations Link
  - <http://cloudsecurityalliance.org/decks/sc2010.zip>
- “Practical Applications of Trusted Computing in the Cloud” (included in the ZIP file above)
  - Jesus Molina (Fujitsu), Steve Hanna (Juniper)
    - Self-Encrypting Drive – solves drive retirement issues
    - Trusted Network Connect – solves mobile access issues
    - Metadata Access Policy – solves user privilege issues
    - TPM-Based Integrity Check – solves “lying endpoint” issues
    - Trusted Virtual Multitenancy – solves Web hosting issues