

# PWG Plenary and IDS WG TCG Activity Summary

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# 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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- 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 Hardcopy WG - Status

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- Current focus
  - Use Cases (trusted startup, trusted services, etc.)
    - Use TCG standards (e.g., TNC, TPM, Opal secure drives)
    - Use PWG standards (e.g., PWG Scan Service w/ WS-Security)
  - Datatypes (applications, firmware, resources, logs, etc.)
    - Threats against Hardcopy Device (e.g., disclosure, modification)
    - Threats against other network devices via compromised HCD (e.g., unauthorized usage, distributed denial-of-service)
    - Defenses (e.g., strong authentication, digital signatures)
- Next steps
  - Requirements (for HCD and mobile/PC clients)
    - Use TCG standards and technologies
    - Use PWG Semantic Model terminology (e.g., storage, interface, console, interpreter, marker, scanner)