

# PWG Plenary Status Report IDS Working Group

May 14, 2013  
PWG F2F Meeting

Joe Murdock (Sharp)

# Purpose of the effort

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- Hardcopy devices have security and access considerations that are not addressed within current hardcopy standards. These considerations should be addressed in a manner common to all hardcopy devices:
  - The industry is moving beyond basic authentication for access to corporate networks to a more detailed assessment of the “health” of devices before allowing them to access the network. Hardcopy Devices attach to networks, but there’s no standard set of metrics that is used to assess an HCD. As a result, HCDs are treated as an exception and are allowed to attach to the network based solely on a device address.
  - Hardcopy Devices are currently allowed unfettered access to and storage of secure and controlled documents. There is no standard for controlling document access and defining usage behavior for protecting secure documents.
  - Hardcopy Devices are providing and consuming services outside of the traditional concept of a local user on a physical device such as “cloud” resources, including mobile devices. There are currently no standards or recommendations for controlling or validating access to these services.
- Our goal is to provide the metrics and mechanisms that allow HCDs to fully participate in assessment-protected networks and provide secure, controlled access to documents and services regardless of location or consumer. This goal will be achieved by:
  - Defining standard metrics to assess the health of Hardcopy Devices to gauge if they should be granted access to a network.
  - Defining standard attributes and values for authorizing Hard Copy Devices, their services and users in a global workspace and provide a general security model for other PWG standards
  - Define common log formats and values to facilitate automated log analysis.

# Administration

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- IDS WG Chair
  - Joe Murdock (Sharp)
- IDS WG Vice-Chair
  - vacant
- IDS WG Secretary:
  - Alan Sukert (Xerox)
- IDS WG Document Editors:
  - *HCD-ATR: Joe Murdock (Sharp), Jerry Thrasher (Lexmark)*
  - *HCD-NAP: Joe Murdock (Sharp), Brian Smithson (Ricoh)*
  - *PWG-LOG: Mike Sweet (Apple)*
  - HCD-TNC: Ira McDonald (High North)
  - HCD-Remediation: Joe Murdock (Sharp)
  - IDS-Model: Joe Murdock (Sharp), Ira McDonald (High North), Ron Nevo (Samsung)
  - IDS-IAA: Joe Murdock (Sharp)

# Approved Proposed Standards

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- PWG 5110.1-2013
  - HCD-Attributes
- PWG 5110.2-2013
  - HCD-NAP
- PWG 5110.3-2013
  - PWG-LOG Common Log

# Current Status

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- HCD-TNC Binding Document
  - Prototype draft completion date Q2, 2013
- HCD Health Remediation
  - Prototype draft completion date Q3, 2013
- IDS-Model Common Requirements
  - Prototype draft completion date Q3, 2013
- IDS-IAA specification
  - Prototype draft completion date Q3, 2013

# Next Steps

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- Resume Health Remediation specification
  - TCG TNC WG has expressed interest in health remediation
- IDS Identification, Authentication and Authorization specification
  - Definition of core set of Policy Attributes
    - Harmonize with TCG TNC specifications
    - Define access control values
- IDS model specification
- Monitor progress of MFP Technical community on Protection Profile work

# More Info/How to participate

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- ❖ We welcome participation from PWG member companies and input from the user community
- ❖ The group maintains a Web Page and separate WIKI pages for IDS update
  - ❖ <http://www.pwg.org/ids/index.html>
  - ❖ <http://pwg-wiki.wikispaces.com/Imaging+Device+Security+WG>
- ❖ To subscribe to the IDS mailing list, go to :
  - ❖ <https://www.pwg.org/mailman/listinfo/ids>
- ❖ The group hold bi-weekly conference calls on Mondays at 11:00AM PST/2:00PM EST
  - ❖ Next teleconference June 10, 2013