



# The Printer Working Group

PWG Plenary Status Report  
IDS Working Group

November 4, 2014

Conexant

Waltham, MA



# Purpose of the effort

- IDS is investigating and defining standards for addressing general security attributes for imaging devices and services. Our general goals are to:
  - Define standard metrics and protocol bindings to assess the health of Hardcopy Devices to gauge if they should be granted access to a network.
  - Define a set of standard security and policy attributes and values for authorizing Hard Copy Devices, their services and users in a global workspace
  - Provide a general security model for other PWG standards to reference
- IDS is also providing a path for vendors to review and contribute to the definition of new Common Criteria MFP Protection Profiles



# Officers

- Chair:
  - Joe Murdock (Sharp Labs)
- Vice-Chair:
  - Alan Sukert (Xerox)
- Secretary:
  - Alan Sukert (Xerox)
- Document Editors:
  - Ira McDonald (High North): HCD-TNC  
IDS-Model
  - Joe Murdock (Sharp Labs): IDS-Model  
IDS-IAA
  - Alan Sukert (Xerox): IDS-IAA



# Approved Candidate Standards

- PWG 5110.1-2014
  - HCD-Attributes
- PWG 5110.2-2013
  - HCD-NAP
- PWG 5110.3-2013
  - PWG-LOG Common Log



# Current Document Status

- HCD-TNC Binding Document
  - Need prototype implementation
- IDS-Model Common Requirements
  - Define core IDS security model and integrate into SM3
    - Security Actors, Objects, Roles and Types
    - Security Ticket XML Schema
    - Security operations (WSDL)
  - Prototype draft completion date Q1, 2015
- IDS-IAA specification – phase 1
  - Phase 1 – Initial version to address Actor and Object privileges and permissions
  - Prototype draft completion date Q2, 2015



# Pending Documents

- IDS Health Remediation
  - Prototype draft completion TBD



# Next Steps

- IDS TNC Binding
  - **NEED A PROTOTYPE!!!**
    - A partial implementation to indicate understanding is acceptable
    - Anonymous prototype announcements are allowed
- IDS Model specification
  - Finalize Actor and Object roles
  - Complete documentation of Security Ticket top-level elements
- IDS Identification, Authentication and Authorization specification
  - Phase 1 - Definition of core set of Policy Attributes
    - Access control values
- MFP Technical Community - monitor progress of Protection Profile work
- Review and Update IDS Charter
- Resume IDS Health Remediation



# Participation

- We welcome participation from PWG member companies and input from the user community
- The group maintains a Web Page for IDS update
  - <http://www.pwg.org/ids/index.html>
- 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 November 17, 2014