



# The Printer Working Group

Imaging Device Security

August 24, 2016

Camas WA

# Agenda



<b>When</b>	<b>What</b>
9:00 – 9:10	Introductions, Agenda review
9:10 – 10:15	Review Issues/Concerns on new HCD PP
10:15 – 10:30	Review issue resolution process
10:30 – 10:50	Common Criteria/ICCC Update
10:50 – 11:00	Wrap Up



# Intellectual Property Policy

*"This meeting is conducted under the rules of the PWG IP policy".*

- Refer to the IP statements in the plenary slides



# Officers

- Chair:
  - Alan Sukert (Xerox)
- Vice-Chair:
  - Currently Vacant
- Secretary:
  - Alan Sukert (Xerox)
- Document Editors:
  - Ira McDonald (High North): HCD-TNC



# New HCD Protection Profile

- The new Protection Profile for Hardcopy Devices (PP\_HCD\_V1.0) was published on September 11.
- You can find it on NIAP's web site ...  
[https://www.niap-ccevs.org/pp/PP\\_HCD\\_V1.0/](https://www.niap-ccevs.org/pp/PP_HCD_V1.0/)
- ... and on IPA's (including links to both the original and the Japanese translation)  
<https://www.ipa.go.jp/security/publications/pp-jp/hcd.html>
- It is a US/Japan PP, not a "cPP" with broader international support.



# Issues with the new HCD PP

- How to adapt requirements, for example
  - Key destruction with Solid State Drives (SSDs), where overwrite doesn't work
  - Using TPMs as a TRNG source
  - Other problem areas?
- Clear direction from NIAP on what assurance activities can be eliminated if use FIPS-certified modules for encryption
- Lab interpretation vs. Scheme interpretations of the Security Functional Requirements (SFRs)
- Level of detail required in the TOE Security Specification (TSS) portion of the Security Target
- Use of the HCD PP in US vs. Japan
- Other Issues???



# Issues resolution processes

- NIAP's TRRT
  - Has anyone used it?
  - Satisfactory results?
  - Are there international issues? (Japan, or beyond?)
- Should we anticipate the need for an "interpretations team" like the Network iTC's "NIT"?



# Common Criteria/ICCC Update

- MFP TC meetings held at the 9<sup>th</sup> CCUF-CCDB Workshop in Seoul Korea in April 2016.
  - Participants from Japanese and Korean schemes plus Samsung and Apple
  - Japanese Scheme (IPA) working on translation of HCD PP related documents / standards to enable Japanese vendors to evaluate against HCD PP
  - IPA and NIAP open to creating iTC / cPP. Korea is also interested
  - Schemes will discuss creation of an iTC and provide an update. IPA will initiate discussions. Germany and Sweden may also be interested but are not actively engaged at this point





# Common Criteria/ICCC Update

- Concerns with current / future PP:
  - Including single device (e.g. printer) within MFP PP
  - Ensuring referenced standards are more international
  - Address Scheme specific (e.g., Korean) crypto requirements
- Samsung now has to comply with IEEE PP and HCD PP. Supports single cPP.



# Wrap Up

- Will inform IPA and NIAP as issues with use of the new HCD PP arise
- Will monitor move to an HCD cPP (formation of a CCDB WG, ESR development, creation of an HCD iTC)