

IDS Conference Call Minutes

January 24, 2019

This ISD Conference Call was stated at approximately 3:00 pm ET on January 24, 2019.

Attendees

Gerardo Colunga	HP
Graydon Dodson	Lexmark
Ira McDonald	High North
Brian Smithson	Ricoh
Alan Sukert	Xerox
Bill Wagner	TIC
Rick Yardumian	Canon

Agenda Items

1. Review final draft of Hardcopy Device Protection Profile (HCD PP) Version 1.1. The proposed changes to the HCD can be found at <https://ftp.pwg.org/pub/pwg/ids/wd/List of Changes - Version 1.1.pdf>.

The following were the comments to the list of changes discussed at the Conference Call:

- It was confirmed that although this is a final draft comments to HCD PP v1.1 will be accepted until February 8th.
 - Gerry Colunga will be putting in a comment against HCD PP v1.1 related to an issue they have found certifying a scanner against the PP. Wasn't specific on exactly where the problem in the PP was, but it had to do with the fact that at least one of the SFRs as written did not allow a scanner to be compliant.
 - It was pointed out that the HCD PP does allow FIPS 140-2 validated SEDs.
 - There was a good discussion about the fact that the HCD PP v1.1 and the recently released NIAP TLS Package both still include TLS 1.1 as an available TLS option even though the IETF has deprecated TLS 1.1 and mandated that it no longer be used. Right now, the position of the HCD Technical Committee (TC) on TLS 1.1 is that we will wait for NIAP to address TLS 1.1 (and TLS 1.3 as well) in its TLS Package since NIAP is eventually going to require us to reference the TLS Package in the HCD PP anyway.
 - A couple of minor editorial and rewording comments were suggested by the attendees and implemented into the draft HCD PP v1.1
2. Review the latest draft of the proposed Terms of Reference (ToR) for the proposed Hardcopy Device international TC (iTC) that was authorized at the Oct 2018 Common Criteria Development Board (CCDB) Meeting. This latest draft of the ToR can be found at <https://ftp.pwg.org/pub/pwg/ids/wd/HCD iTC ToR - v0.2.docx>.

The following were the comments to the draft ToR discussed at the Conference Call:

- There was some discussion of the scope statement in the ToR. Specifically, there was a discussion of what functions were applicable to an HCD in this context, whether Fax was an optional function or not, and whether the scope should include the 'Transform' function. It was agreed to relook at the 'Scope' statement in the ToR and revise as needed to address the comments.
- It was mentioned by Brian that the PPs in the new CCDB/NISP scheme are now based on a "conformance" model in terms of assurance activities rather than the old "security" model (in terms of EALs, etc.) that governed the CC before.

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- It was pointed out that the HCD PP deals only with analog fax. We all agreed that one issue the HCD iTC will have to face is dealing with digital fax implementations.
 - Brian pointed out that much of the text in the ToR is taken from the 'WTO Technical Barriers to Trade' document.
 - It was suggested that instead of referencing Causeway in the ToR we just refer to an "approved collaboration tool" so we don't have to revise the ToR if we change collaboration tools.
 - There was a long discussion about the rules around 'Technical Decisions' and how they are made. The consensus appeared to be that what was there now wasn't correct, but we didn't have an agreed-upon way to fix it. This will have to be an area the HCD TC will have to address.
 - It was suggested that the ToR include in its 'Voting' discussion some wording around who can participate to vote in terms of meeting attendance; the concern was that we didn't want to allow the case where someone joins the iTC, does not come to any meetings and then comes to a meeting where a vote is to be taken and votes against the proposal in question. No resolution was formulated here – again this will have to be an area the HCD TC will have to address.
 - It was pointed out all the different types of SMEs mentioned in the TOR, but that only the Core SMEs are included in the technical decisions. We agreed that the whole SME discussion should be simplified in the ToR.
3. Review the latest draft of the proposed Essential Security Requirements (ESR) document for the proposed Hardcopy Device international TC (iTC) that was authorized at the Oct 2018 Common Criteria Development Board (CCDB) Meeting. This latest draft of the ESR can be found at <https://ftp.pwg.org/pub/pwg/ids/wd/ESR-HCD v0.6.1 draft.docx>.

The following were the comments to the draft ESR discussed at the Conference Call:

- Fax should be added to the 'Use Case' discussion.
- Under 'Attacker's Resources' there was the statement "There is numerous PC software providing HCD users with a variety of applications delivered by each HCD vendor. "Some rewording of this sentence to make it grammatically correct was suggested.
- Under 'Attacker's Resources' there was also the statement "The tools used for attacks are expected to be tools that are free or non-free according to the knowledge levels of the attackers". We agreed to either revise or remove this statement.
- It was suggested that we add something about physical attacks to the 'Attacker's Access' section.
- Under the 'ESR' section, we discussed the statement "HCD shall test some subset of its security functionality to help ensure that subset is operating properly". We agreed to add some wording about when this subset is run and to reword slightly to make this statement clearer.
- Under 'Assumptions' we agreed to clarify what is meant by public access in the statement "The Operational Environment is assumed to protect the HCD from direct, public access to its LAN interface".
- Under 'Optional Extensions' we agreed to expand the discussion of network-fax separation to discuss prohibition of any type of network bridging.
- Under 'Out of Scope for Evaluations' there was a discussion of whether or not anti-malware was indeed out-of-scope and whether it applied to just user data. No conclusion was reached; the HCD TC will have to discuss this further.
- There was the suggestion that the statement "CD shall provide mechanisms to verify the authenticity of software updates" needed to be expanded to address the case where a software update file containing malware or other "bad" software is properly digitally signed. Not sure what we will do with this suggestion.

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The HCD TC will discuss the comments discussed at this meeting as well as other comments already posted on the HCD TC Causeway site against all three documents at the next HCD TC teleconference that will be scheduled after the Feb 8th comment deadline date. These comments will also be discussed in the IDS Session at the Feb 13-14, 2019 PWG Virtual F2F.

Actions

- **AI:** Take the results from this Conference Call and factor them into the three documents to be reviewed at upcoming HCD TC teleconferences and face-to-face meetings.

Next Steps

- Next IDS Face-to-Face Meeting is Feb 14, 2019 at 9:00 AM MT.
- It was suggested there be an IDS Conference Call before the IDS Face-to-Face Meeting. We will discuss this at the next PWG Steering Committee Meeting on Jan 28th.

This IDS Conference Call was completed at approximately 5:00 pm ET on January 24, 2019.