

## IDS Conference Call Minutes February 4, 2021

This IDS Conference Call was stated at approximately 3:00 pm ET on February 4, 2021.

### Attendees

Matt Glockner	Lexmark
Erin Huber	Xerox
Alan Sukert	
Bill Wagner	TIC
Brian Volkoff	Ricoh
Steve Young	Canon

### Agenda Items

- The topics to be covered during this Conference Call were:
  - Review of the discussions at the 1/25/21 and 2/1/21 HCD iTC Meetings
  - Preparation for the upcoming IDS Face-to-Face Meeting on November 10<sup>th</sup>
  - Round Table Discussion

Note: Originally the agenda was going to include a status update on the HCD Security Guidelines, but since Ira McDonald was unable to make this meeting that topic was not covered.

- AI reviewed what was discussed at the Hardcopy Device (HCD) international Technical Committee (iTC) meetings on 1/25/21 and 2/1/21. The key points discussed at the two meetings were:
  - AI updated the status of the Ricoh proposal to “not require encryption keys be encrypted on non-field replaceable nonvolatile storage as long as the device has some type of purge function” that the HCD iTC has been struggling with for several weeks.

As stated previously the iTC did not require CCDB approval to change the ESR. Kwangwoo Lee, the HCD iTC Chair, asked vendors to provide their ideas for how they would change the ESR to address the issue of protection of keys stored in non-field replaceable non-volatile storage. Several vendors provided suggested changes and some vendors indicated that they felt the ESR as it was currently stated was correct and should not be changed.

The HCD iTC review all the various proposals. However, subsequent to this request ITSSC (the Korean Scheme) provided its guidance on this issue. The key points ITSSC made were:

- Field-replaceable and non-Field-replaceable non-volatile storage device are subject to protection
- Require more security protection requirements such as encryption (that “purge”)
- **Expect that vendors suggest the "proper" level of the protection for "initial" key materials**

Even with this the HCD iTC felt that to provide the "proper" level of the protection for "initial" key materials the iTC needed to better understand the Korean Scheme's intentions with respect to this requirement and answers to additional question such as “what existing problem did the HCD WG exactly want to solve” and “what is the target devices (e.g., low-end, small business, enterprise, and/or government) that you considered for this ESR”. The iTC was going to ask the ITSSC to come to the next HCD iTC Meeting so we could discuss this issue and hopefully finally come to some consensus on a resolution (**NOTE: After this IDS Conference Call AI was notified by Kwangwoo Lee that ITSSC would send a representative to the next HCD iTC Meeting to discuss this issue**).

- AI quickly went through the status of The Network Subgroup (SG) of the HCD iTC since the last IDS Conference Call. The Network SG has essentially reviewed all of the secure protocol, including DTLs, SFRs/Assurance Activities and all of the SFRs/Assurance Activities for the SFRs

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that are the dependencies for the four secure protocols. The subgroup also is reviewing the SSH Package created by the Common Criteria Users Forum (CCUF) Crypto Working Group to see if it should be used instead of the SSH SFRs/Assurance Activities from the ND cPP and ND Supporting Document (SD).

In almost all cases the Network SG is recommending use of the SFRs/Assurance Activities from the ND cPP and ND SD, although there are select instances where it is recommended that we retain selected items or options that were in the HCD cPP/SD or take selected items or options from the SSH Package.

AI also showed an example of one of the “comparison” tables (the one comparing the SFRs in the SSH Package to the SSH SFRs in the ND cPP) he has been creating for the Network SG to help the Network SG better review the differences between the SFRs and Assurance Activities.

What the Network SG has remaining is to finish analysis of the SSH Package and review the SFRs/Assurance Activities for the various FIA\_X.509 SFRs for Certificate Verification, since these SFRs are required for much of the secure protocol testing by the ND SD.

- AI shared a preview of the slide he will be presenting at the upcoming IDS Face-to-Face on February 10<sup>th</sup>. The main topics that will be covered at the IDS Face-to-Face will be:
  - A more detailed look at the HCD iTC status since the last IDS Face-to-Face in November 2020
  - A status update on the HCD Security Guidelines
  - A new feature at the IDS Face-to-Face – Ira McDonald will present a Liaison Status of his activities associated with the Trusted Computing Group, the Internet Engineering Task Force (IETF) and the Linux Foundation. Previously this liaison status was done as part of the PWG Face-to-Face Plenary Session, but the PWG Steering Committee decided that the status would be better served being part of the IDS Face-to-Face because many of the items covered are of interest to and have relevance to IDS members.

AI showed a couple of the slides from the preliminary slide deck to show some of the topics that will be covered. One key slide he showed was the new proposed HCD iTC schedule that AI had developed as the HCD iTC Deputy Chair and that had been OK'd by Kwangwoo Lee, the HCD iTC Chair and by the two HCD iTC Editors - Brian Volkoff and Jerry Colunga. The proposed schedule now has HCD cPP/SD v1.0 being published in 1Q 2022 which is the original time frame it was felt v1.0 would be published when the HCD iTC was first formally approved.

The other key slide AI showed was an indication of what functionality was going to be included in HCD cPP/SD v1.0. AI offered to go through all the slides but those in attendance were willing to wait for the actual Face-to-Face meeting to see the full slide set.

- Round Table: There was no items presented at the round table discussion presented.
- **Actions:** None

### Next Steps

- The next IDS Conference Call will be February 18, 2021 at 3:00P ET / 12:00N PT. Main topic will be a discussion by Paul Tykodi on 3D printing security-related topics
- The February IDS Face-to-Face will be Wednesday, February 10<sup>th</sup>, 2021 from 9:45A – 11:45A ET.