

IEEE P2600 Meeting #30

October 24-25, 2007

Ricoh Americas, Cupertino, CA

Attendees

Chair: Don Wright, Lexmark
Vice Chair: Lee Farrell, Canon
Secretary / Lead Editor (PPs): Brian Smithson, Ricoh
Lead Editor (P2600 Std.): Jerry Thrasher, Lexmark

Hiromasa Akamatsu, Kyocera-Mita
Nancy Chen, Okidata
Peter Cybuck, Sharp
Nick Del Re, Canon
Fusayuki Fujita, Sharp
Satoshi Fujitani, Ricoh
Akihiko Iwasaki, Sharp
Takanori Masui, Fuji-Xerox
Mei Ming, Konica Minolta
Ron Nevo, Sharp
Yusuke Ohta, Ricoh
Ken Ota, Konica Minolta
Alan Sukert, Xerox
Randy Turner, Amalfi (for Konica Minolta), day 1
Hiroki Uchiyama, Ricoh
Brian Volkoff, HP
Lida Wang, Kyocera-Mita
Sameer Yami, Toshiba

In the following sections, names of speakers are indicated by [brackets].
The primary speaker for a session is noted at the beginning of the session
as a default; others are noted in place. Some comments may appear in
these minutes, indicated by {braces}, inserted by the Secretary for clarity.

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** Called to order at 9:10 AM 10/24/2007 **

Administrivia [Wright]

The following administrative items were reviewed:

Agenda review

Refer to meeting slides for detail

<http://grouper.ieee.org/groups/2600/presentations/P2600-Oct2007.ppt>

Minutes and Agenda approvals

The August 2007 minutes were approved without changes. The October 2007 agenda was presented and approved without changes.

IEEE patent policy

Patent policy was reviewed. There were no patent disclosures made by attendees.

Inappropriate topics review

Inappropriate topics criteria were reviewed. No issues were identified.

Refer to meeting slides for detail:

<http://grouper.ieee.org/groups/2600/presentations/P2600-Oct2007.ppt>

Officers and Editors

No changes.

Officers:

Chair: Don Wright, Lexmark.

Vice Chair: Lee Farrell, Canon.

Secretary: Brian Smithson, Ricoh.

Lead editors:
Editor (P2600 Std.): Jerry Thrahsler, Lexmark.
Editor (PPs): Brian Smithson, Ricoh.

Meeting schedule updates [Wright]

Dec 6-7, 2007

- Sharp, Miami FL (very near MIA)
- TCG to meet at same location on Dec 5
- Refer to <http://grouper.ieee.org/groups/2600/meetings.html> for details

There may be a need to schedule a special session in January 2008 to deal with Sponsor Ballot comments.

Feb 5-6, 2008

- Canon, Irvine CA, with PWG

Mar 11-12, 2008

- some Japanese HCD mfr, Tokyo

Apr 14-15 (changed), 2008

- Host TBD, Tucson/Phoenix, with PWG

May 21-22, 2008

- Xerox, Rochester NY area

Jun 23-24 (changed), 2008

- InfoPrint or TBD, Boulder/Denver, with PWG

No other schedule conflicts or issues were identified during this meeting. The most current P2600 meeting information is always available at <http://grouper.ieee.org/groups/2600/meetings.html>

TCG update [Volkoff]

(TCG web site: <http://www.trustedcomputinggroup.org/>)

- use cases defined
- defining what we should do next
- focus is on supporting network admission control
 - nac
 - nap
 - tnc
- HCDs and some other devices do not have health attributes like PCs

- HCWG will work on what attributes are relevant to HCDs
- we will be defining what attributes are important to two different roles: network admin and print admin
- since the emerging standards are larger scope than TCG, we will ask PWG to help establish uniform direction for HCDs in Cisco NAC, IETF NEA, etc.
- schedule? [Wright]
 - jerry will start work with pwg in December
 - other schedule is too early to tell
- IETF wg is chaired by Cisco and Juniper
- TNC workgroup is chaired by Juniper
- Microsoft is doing its own thing, but interoperates with TNC

INCITS CS1 update [Thrasher]

(INCITS CS1 web site: <http://cs1.incits.org/>)

- met in September at Lexmark, primarily to prepare for SC27 meeting in Lucerne Switzerland
- from the delegate reports:
 - they have started a study period for CCV4.0 in SC27 WG3; first meeting will be in Madrid in February 2008
 - looking to set up a PP registrar in the US
 - atsec had been proposed by the US delegation
 - Spanish national body was proposed as an alternative
 - Now it looks like the Spanish proposal will be brought forward to SC27
 - TR-15446 "Guide to the Production of Protection Profiles and Security Targets" is still being updated

ICCC update [Smithson]

(8ICCC web site: <http://www.8iccc.com>)

Refer to presentation at

<http://grouper.ieee.org/groups/2600/presentations/Cupertino2007/8ICCC%20update.ppt>

- Most presentations are available on the 8ICCC web site
- There were several presentations that may be of interest to P2600
 - Update on US scheme
 - Composite evaluation
 - Optional security requirements and functions
 - CCV3.1 release 2
- US Scheme update
 - Complete presentation here: http://www.8iccc.com/media/doc/Update%20on%20US%20Scheme_Dale%20Audrey.ppt

- Next year, focus will be on PP-compliant and EAL4 evaluations
- There are now 8 CCTLs accredited in the US, plus 3 new candidate schemes: BT, BKP, and DIAL
- There are 42 validated PPs, 24 being converted to CCv3.1, 8 being sunsetted
- Composite evaluation
 - Complete presentation here:
http://www.8iccc.com/media/doc/Composite%20Evaluation%20for%20Smart%20Card%20and%20similar%20devices_Furjel%20Igor.pdf
 - Presented by T-Systems
 - Uses refinements of EAL SARs to be compatible with CC
 - Fundamental difference from Composition is that only one part of the composite TOE has been certified and then the composite of the certified part and an add-on part are certified together
 - Composition requires both parts to be certified first
- Optional security requirements
 - Complete presentation here:
http://www.8iccc.com/media/doc/Common%20Criteria%20Optional%20Security%20requirements%20and%20functions_Arnold%20Jr%20James%20L.%20.ppt
 - Presented by SAIC
 - It presented the need, but not a particular proposal
 - Proposes that CC should accommodate product options that may occur at time of purchase, installation, or use
 - Focus is on STs, but similar concepts could be used in PPs
- CCv3.1 release 2
 - Complete presentation here:
http://www.8iccc.com/media/doc/CC%20v3.1%20release%2002,%20what%20has%20changed_Banon.pdf
 - Changes originated from CCRA comments and from JTC/1 SC27 WG3 (ISO standardization)
 - Most are editorial changes
 - There are some dependency changes and management recommendation changes
 - One significant change for P2600 is that a new self-test SFR FPT_TEE has been added (and FPT_TST has been changed by completely removing its dependent SFR FPT_AMT)
- The “multifunction copier industry” was favorably mentioned in another presentation “How vendor involvement can improve CC”
- The P2600 presentation went well

CCVF update [Sukert]

(No CCVF web site)

- CCVF met with CCDB at 8ICCC
- CCDB wants input from vendors for CCv4
- CCVF will provide comments by end of December
- meetings starting on November 1 to collect comments
- Spanish scheme is proposing secure development lifecycle to be part of assurance There will be a teleconference with NIAP today to discuss fee-for-service

Action items from previous meeting [Wright]

No action items were recorded or updated on presentation slides. The action item spreadsheet was reviewed and updated.

Pre-meeting:

<http://grouper.ieee.org/groups/2600/actionitems/P2600-action-items-20071018.xls>

End-of-meeting meeting:

<http://grouper.ieee.org/groups/2600/actionitems/P2600-action-items-20071025.xls>

Post-meeting reconciliation:

<http://grouper.ieee.org/groups/2600/actionitems/P2600-action-items-20071029.xls>

Two items were discussed in some detail:

Credentials: are they User or TSF data? (AI#325)

- In JavaCard, they are User Data. Other PPs don't distinguish asset types. Few STs distinguish asset types, but looking at how credentials are grouped with other assets (like audit data) and which SFRs are applied, it appears that they are most often categorized as TSF Data. [Smithson]
- If credentials are used to authenticate to the TOE, then they are TSF Data. If they are only stored by the TOE and used to authenticate outside of the TOE, then they are User Data [Ohta]

Job initiation: should be an audit requirement? (AI#418)

- {proposal from Nevo is that they should *not* be an audit requirement}
- there is a case where a print job can be used to initiate a software update, and you would want to know that it was initiated [Sukert]
- does completion include "completion but it failed"? [Smithson]
- malicious PS printing, like loops or directory traversal, would be undetected by completion [Sukert]

- propose to make initiation an audit recommendation, not a requirement [Smithson]
- {after some additional discussion} approved [Wright]

WG ballot on P2600 [Wright]

Refer to the presentation slides:

<http://grouper.ieee.org/groups/2600/presentations/P2600-Oct2007.ppt>

- WG ballot passed
 - The editor voted no, but that was to require IEEE editor's comments
 - 12 of 16 voted
- we will go through comments and may approve minor editorial comments, but we need to be very confident if we are to approve substantive comments, otherwise they should be resubmitted as part of the Sponsor Ballot process

P2600 comments review [Thrasher]

Refer to comments file with dispositions

http://grouper.ieee.org/groups/2600/comment-tracking/P2600_WG-Ballot01-v03.pdf

- {comments were reviewed and many minor issues were approved, others are marked "submit to sponsor ballot" in the comment disposition database}

PP evaluation Decision ad hoc committee [Nevo]

Refer to the presentation:

<http://grouper.ieee.org/groups/2600/presentations/Cupertino2007/IEEE-PP-Validation-10-2007.ppt>

- We need to to have PPs to attach to the RFQ
 - we have PP A,B,C,D drafts
- would like to send RFPs on 11/5
- need company commitments
 - IEEE will not commit to start the eval process unless they have collected all money
 - by end of Dec
- Xerox (for example) won't pay until they get an invoice, and they pay 45 days after invoice [Sukert]
 - so we will need to invoice while RFPs are still out [Wright]
 - but we won't have the final cost [Smithson]
 - if we have excess, we can return it or do something else [Wright]
- benefits to funders {are listed in the presentation}

- for the product registry, is it only sponsors who get listed? or is it sponsors who get logos and links? [Smithson]
 - sponsors only [Wright]
- is one of the benefits that sponsors get to decide on which lab gets used and which pps get validated? [Smithson]
 - yes, that is our decision, IEEE doesn't care [Nevo]
 - shouldn't we put that on the benefits list? [Smithson]
 - yes, we will put it on the list [Nevo]
- who is going to sponsor? {query to the WG members}
 - lexmark – yes
 - canon - yes, but they did not know that the money be puts up in advance
 - ricoh – yes
 - sharp – yes
 - xerox – yes
 - konica-minolta - not sure
 - toshiba - not sure
 - oki data - not sure but likely yes
 - kyocera-mita - not sure
 - fuji-xerox - not sure
- we have at least \$60-70K, so that should cover A&B
- IEEE will manage the contract (and will charge \$10K to cover their costs)
- how will evaluation and sponsor ballot be scheduled? [Ohta]
 - more or less concurrently [Wright]
 - after evaluation is completed, there is no option to make changes and so sponsor ballot will need to be completed at the same time [Ohta]
- which labs?
 - we need to think about which scheme [Sukert]
 - europe/japan may be problems because of language and time zone issues [Cybuck]
 - RFP should say that we need to know which scheme is being proposed and is that scheme available to oversee a pp validation within the timeframe desired [Cybuck]
- RFP – is it really an RFQ (request for quote, not request for proposal)? [Smithson]
 - it is really an RFQ [Wright]
- The RFQ should say that we are also going through a standards approval process concurrently with PP validation [Smithson]
 - Don will add text about the process [Wright]

PP guide ad hoc formation [Wright]

- Purpose of ad hoc is to determine what would the content/structure be

- advance volunteers
 - Tom Haapanen, Brian Smithson, Alan Sukert, Sameer Yami
- Other volunteers?
 - Ron Nevo, Nancy Chen
- Volunteer to be chair?
 - Alan Sukert
- report back in December meeting

ALC_FLR [Wright]

Refer to <http://grouper.ieee.org/groups/2600/email/msg00962.html>,
<http://grouper.ieee.org/groups/2600/email/msg00966.html>,
<http://grouper.ieee.org/groups/2600/email/msg00967.html>,
<http://grouper.ieee.org/groups/2600/email/msg00969.html>,
<http://grouper.ieee.org/groups/2600/email/msg00970.html>

- last meeting we decided to keep ALC_FLR.2 in A&B and to validate whether it was OK to remove it from C&D [Smithson]
 - it was mistakenly included in the most recent C&D drafts [Smithson]
 - current proposal is to keep ALC_FLR.2 in A&B, use ALC_FLR.1 in C, and not include it in D [Smithson]
 - however, Ueda-san proposes that it is not necessary in any PP [Smithson]
- if you fix a flaw, the new version is not certified [Sukert]
- you can go through a assurance maintenance process, and if the changes are not security-related, then it may be re-certified with little effort [Sukert]
- ALC_FLR.1 as a minimum requirement for PPs should be OK in all environments [Ohta]
 - ALC_FLR.2 is not hard to meet [Sukert]
 - you can always do that for an ST [Wright]
 - functionally they are very similar, .2 would require some more paperwork [Smithson]
- {after some additional discussion} agreed ALC_FLR.1 for A,B,C, nothing for D [Wright]

P2600.1 (PP-A) comments review [Smithson]

Refer to comments file with dispositions
http://grouper.ieee.org/groups/2600/comment-tracking/P2600-1_2007_10_v02.pdf

- {comments were reviewed and their dispositions are recorded in the comment tracking file}

P2600.2/3/4 (PP-B/C/D) [Smithson]

- Some comments were sent by email regarding P2600.3. Those issues were resolved in second draft of P2600.3 (and flowed into the first draft of P2600.4).
- These documents will go under change control after their next draft is released [Wright]

PP-E development [Sukert]

- close to having a solid draft
- will post for discussion in December meeting
- also creating text to put in P2600 clause 4 (as amendment)

P2600 sponsor ballot [Wright]

Refer to the presentation slides:

<http://grouper.ieee.org/groups/2600/presentations/P2600-Oct2007.ppt>

- There are 35 people signed up for the sponsor ballot
- There is an acceptable mix of voters (the rule is that no category of voters can constitute more than 50% of all voters)
- Balloting will start after the draft from this meeting is ready

Schedule [Wright]

See updated schedule on presentation slides:

<http://grouper.ieee.org/groups/2600/presentations/P2600-Oct2007.ppt>

Next meeting [Wright]

- Next meeting is at Sharp near Miami International Airport on December 6-7. There will be a TCG HCWG meeting at the same location on December 5 (for TCG members only). For more information, refer to: <http://grouper.ieee.org/groups/2600/meetings.html>.

**** Called to disorder at ~3:00PM, 10/25/2007 ****