

# IEEE P2600 Meeting #34

## April 14-15, 2008

### Marriott Courtyard, Mesa AZ

#### Attendees

Chair: Don Wright, Lexmark  
 Vice Chair: Lee Farrell, Canon  
 Secretary / Lead Editor (2600.n): Brian Smithson, Ricoh  
 Lead Editor (2600): Jerry Thrasher, Lexmark

Shah Bhatti, Samsung  
 Nancy Chen, Oki Data  
 Peter Cybuck, Sharp  
 Nick Del Re, Canon  
 Harry Lewis, InfoPrint  
 Ron Nevo, Sharp  
 Alan Sukert, Xerox

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.

Attendees.....	1
Administrivia [Wright] .....	2
Agenda review.....	2
Minutes and Agenda approvals .....	2
IEEE patent policy .....	2
IEEE WG guidelines.....	2
Officers and Editors.....	2
Meeting schedule updates [Wright] .....	2
TCG update [Smithson] .....	3
PWG-IDS update [Cybuck] .....	3
INCITS CS1 update [Thrasher].....	3
CCVF update [Thrasher].....	3
Action items from previous meeting [Wright].....	3
PP evaluation ad-hoc status [Nevo] .....	4
PP Guide ad-hoc status [Farrell] .....	4
NIAP comments [Smithson] .....	4
P2600.1/2/3/4 Comments review [Smithson] .....	4
Production Printing environment/PP update [Lewis] .....	5
Schedule review [Wright] .....	7
Next meeting details [Wright] .....	7
Closing [Wright].....	7

\* **Called to order at 9:05 AM 4/14/2008** \*

## **Administrivia [Wright]**

The following administrative items were reviewed:

### ***Agenda review***

Refer to meeting slides for detail

<http://grouper.ieee.org/groups/2600/presentations/P2600-Apr2008.ppt>

### ***Minutes and Agenda approvals***

The March 2008 minutes were approved without changes. The April 2008 agenda was presented and approved with no changes.

### ***IEEE patent policy***

Patent policy was reviewed. There were no patent disclosures made by attendees. Note that there are a few new words in the IEEE patent policy. See slides for highlighted changes:

<http://grouper.ieee.org/groups/2600/presentations/P2600-Apr2008.ppt>

No disclosures were made by WG attendees.

**Note that there will be new patent policy slides presented at the May meeting.**

### ***IEEE WG guidelines***

IEEE guidelines on such things as inappropriate topics were reviewed.

### ***Officers and Editors***

No changes.

Officers:

Chair: Don Wright, Lexmark.

Vice Chair: Lee Farrell, Canon.

Secretary: Brian Smithson, Ricoh.

Lead editors:

Editor (2600): Jerry Thrahser, Lexmark.

Editor (2600.n): Brian Smithson, Ricoh.

### ***Meeting schedule updates [Wright]***

#### **May 21-22, 2008**

- Xerox, Rochester NY
- Xerox Building 801  
1350 Jefferson Road  
Rochester NY 14623
- Details are on <http://grouper.ieee.org/groups/2600/meetings.html>

**Jun 23-24, 2008**

- InfoPrint, Boulder/Denver area, with PWG

**Aug 11<sup>th</sup> and maybe 12<sup>th</sup>, 2008 – tentative (if needed)**

- Sharp Labs, Camas WA, 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 [Smithson]**

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

- no HCWG meetings
- waiting on PWG IDS

**PWG-IDS update [Cybuck]**

(PWG web site: <http://www.pwg.org/>)

- PWG Imaging Device Security WG is meeting on Apr 16-17

**INCITS CS1 update [Thrasher]**

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

- TCG TPM specifications are under review as ISO standards

**CCVF update [Thrasher]**

(No CCVF web site)

- CCVF focus has been on CCv4 inputs

**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-20080409.xls>

End-of-meeting meeting:

<http://grouper.ieee.org/groups/2600/actionitems/P2600-action-items-20080415.xls>

Post-meeting reconciliation:

<http://grouper.ieee.org/groups/2600/actionitems/P2600-action-items-20080418.xls>

## **PP evaluation ad-hoc status [Nevo]**

- Contract with atsec is in final process, should be done in one to two weeks
- Backgrounder is done, but needs an update to reflect the approval of 2600 as an IEEE Standard
- Press release is done
- rechartered this ad hoc for continued work [Wright]

## **PP Guide ad-hoc status [Farrell]**

Refer to presentation:

<http://grouper.ieee.org/groups/2600/presentations/Phoenix2008/PP%20Guide%20Ad%20Hoc%20Team%20Report%20-%20April2008>.

- Individuals have volunteered to author PP guide chapters (see presentation for details)
- Will try to have some preliminary content for the May meeting in Rochester
- rechartered this ad hoc for continued work [Wright]

## **NIAP comments [Smithson]**

- {the second set of PP comments from NIAP were reviewed, and proposed responses from the PP eval ad hoc were discussed and modified; they will be sent to atsec for further comment and coordination before responding to NIAP}

## **P2600.1/2/3/4 Comments review [Smithson]**

Refer to comments:

[http://grouper.ieee.org/groups/2600/comment-tracking/P2600\\_2008\\_04\\_v01.pdf](http://grouper.ieee.org/groups/2600/comment-tracking/P2600_2008_04_v01.pdf)

And comments with resolutions:

[http://grouper.ieee.org/groups/2600/comment-tracking/P2600\\_2008\\_04\\_v02.pdf](http://grouper.ieee.org/groups/2600/comment-tracking/P2600_2008_04_v02.pdf)

- {most comments were not controversial, see the resolution document for details}
- {several comments about the Delegate role and attribute were discussed, and a proposal to remove the role and consolidate the use of a +Delegates attribute was prototyped for discussion on day #2; the prototype is here:  
<http://grouper.ieee.org/groups/2600/drafts/ProtectionProfiles/P2600.1-35-proto.pdf>}
- {some comments about User Document Data in P2600.3 illuminated a different problem than the proposed remedies indicated; this was further investigated and resolved on day #2}

## Production Printing environment/PP update [Lewis]

- AFPC considered P2600 PP
  - needs to consider the whole end-to-end chain
    - generators
    - transforms
    - workflow
    - potentially, multiple back ends
- PCI is cited more frequently than Common Criteria
  - digital signatures on AFP docs has been requested
  - requirements are ramping up, but not CC in particular
- AFPC will form security task group to investigate requirements and harmonize with P2600
  - Harry Lewis (InfoPrint), Chair
  - Jose and Carmen (Oce)
  - Howard (InfoPrint)
  - Alan and Carlos (Xerox)
  - Eddy (Lexmark)
  - members are encouraged to interview customers running secure environments to understand requirements
- A production printing PP should probably be done in this {P2600} group
- I am not sure if it fits in the hierarchy of PP-A/B/C/D
- When they refer to back-ends, is that the printing engine? [Smithson]
  - No, that's back-end billing systems and databases
- What are transforms and generators? [Smithson]
  - Generators create the data stream, might be mainframes
  - Transformers transform the data stream to some specific format like AFP
- There are many areas of variable printing, depending if you are talking about sheet-fed or continuous [Del Re]
  - Yes, this is too big of a scope for any one group
- Maybe we should just do the printing device?
  - Is it different, then, from PP-A/B/C/D? [Del Re]
  - The difference is that have high value assets but can't afford encryption
  - Encryption would destroy performance [Sukert]
  - PCI standard says that encryption is required for stored data or when data is transmitted over public networks [Thrasher]
  - And jobs can last for days or weeks
  - But is the whole job stored? Or are parts of it buffered? [Thrasher]
  - If you stopped the machine and took out the disk drive, you might get 100 pages or something

- The print window drives performance. Most statements, like credit card statements, need to be issued within a certain number of days from their statement date
- Are the generators and transforms just applications on some standard hardware like an IBM mainframe? Or do vendors actually sell a box that does that? [Smithson]
  - Either. Sometimes it's an application on a standard computer, other times it's a box.
- There is hardware that would do real-time encryption of the data stream over a network [Thrasher]
  - But you could get around that with keeping the data stream on a private network [Thrasher]
- Do you really print faster than one can encrypt and decrypt from a disk drive? [Smithson]
  - Disk drives with built-in encryption are fast enough to keep up with streaming video [Cybuck]
- I'll keep updating PP-E to track with changes in PP-A, but even if we don't have an answer of what we're going to do, how are we going to get that answer? [Sukert]
  - We'll have a few task force meetings with AFPC to see where we should go
- Can we divide up the task and just say that the printer part and maybe the job submission and management part get handled in P2600, and generators and transformers and back-ends get handled in AFPC? All would be separate PPs that could be combined according to product architecture. [Smithson]
- PCI compliance requirements may be a blessing, in a way, because they give some guidance to the PP authors that we didn't really have for the other PPs [Smithson]
- If the only difference between PP-A and PP-E is encryption, and we can do encryption using new disk drives, then do we need a PP-E?
  - One other difference in the production environment is the notion of a user. In production, a job isn't so closely associated with an individual user because the job can take several shifts and be handled by multiple operators. [Smithson]
  - Also, the production operator can do more configuration of the machine [Sukert]
  - Perhaps we made our definitions of jobs and users too narrowly
  - We tried to make the PPs general to account for a wide variety of devices and environments, but NIAP seems to be asking us to make it more specific [Smithson]

## **Schedule review [Wright]**

Refer to meeting slides for detail

<http://grouper.ieee.org/groups/2600/presentations/P2600-Apr2008.ppt>

*{Schedule has been updated}*

## **Next meeting details [Wright]**

Refer to meeting slides for detail

<http://grouper.ieee.org/groups/2600/presentations/P2600-Apr2008.ppt> and

to the meeting web page for most current status of upcoming meetings:

<http://grouper.ieee.org/groups/2600/meetings.html>

- Next meeting will be at Xerox in Rochester NY. No hotel arrangements have been made but there are many nearby hotels. Refer to the P2600 meetings page for details.

## **Closing [Wright]**

*\* Adjourned at 10:00AM, 4/15/2007 \**