



Printer Working Group Plenary Meeting Minutes

Chicago, IL
26 October 2005

Submitted by Jerry Thrasher, Lexmark International Inc.

1 Time and Place

The PWG face-to-face meetings were held from October 26-28, 2005 in Chicago IL. The schedule for the week is listed below.

Day	Working Group
Monday/Tuesday	IEEE P2600 Working Group Meeting (Co-located)
Wed. AM	PWG Plenary Meeting
Wednesday PM	PortMon MIB Formal Approval Review
	PortMon MIB experience and 2 nd Interop
	PWG 2006 Projects and Direction
Thursday AM	DMTF/CIM Work Register Meeting
Thursday PM	WIMS Meeting (Protocol Spec)
Friday AM	PWG Steering Committee /Officer meeting

2 Plenary Agenda & Schedule

PWG Chairman Harry Lewis started the plenary at 9:00 AM local time.

The agenda of the meeting was presented as follows:

•9:00 - 9:10am

- Intro.
- Accept Cupertino Plenary Minutes.

•9:10 – 11:10

- PWG Membership
- PWG Project Status
- Financial Reports
- Steering Committee Update
 - PWG Officers
- 2006 Meeting schedules
- Misc.
 - PWG Server Upgrade Status

•11:10 – 11:30

- Open Forum
- Plenary Meeting adjourned...

The updated plenary presentation is located at the following url:

<ftp://ftp.pwg.org/pub/pwg/general/Plenary/PWGPlenaryOctober2005.pdf>

3 Meeting Attendees

Attendee	Company	Email Address
In Person		
Harry Lewis	IBM Printing Systems	harryl@us.ibm.com
Lee Farrell	Canon Inc.	lee.farrell@cda.canon.com
Jerry Thrasher	Lexmark International Inc.	thrasher@lexmark.com
Craig Whittle	Sharp Labs of America	cwhittle@sharplabs.com
Don Wright	Lexmark International Inc.	don@lexmark.com
Ole Skov	MPI-Tech	osk@mpitech.com
Via Phone		
Ira MacDonald	High North Inc.	imcdonald@sharplabs.com
Bill Wagner		wamwagner@comcast.net

4 PWG Membership

Harry Lewis presented the current membership roster. These are listed in the plenary slides.

5 Reports from Constituent Working Groups

5.1 WIMS

Bill Wagner presented the current status of the WIMS project.

The Counter Specification has completed its Formal Approval successfully. A draft Counter MIB is in the process of being prepared for a PWG Formal Approval vote as an "INFORMATIONAL" document (not a Candidate Standard at this time). The XML schema for the Counter Specification is still a work in process. The WIMS group is also serving as the home working group for a CIM alignment group. (see below).

The main working group is continuing to advance the WIMS protocol specification with the goal of advancing it and its associates schema files to PWG Candidate Standard status.

5.2 PortMon MIB(under the Printer MIB Project)

The PortMon MIB meeting is scheduled for Wed. afternoon. The PortMon MIB has completed, and passed, its PWG Formal Approval Vote.

5.3 Common Semantic Model – SM

Harry presented some Common Semantic Model status regarding how the Counter

Specification. (schema) should be integrated into the Semantic Model. There has been some concern expressed on how extensibility of the counters is expressed in the “work in progress” schema.

5.4 Semantic Model/ DMTF CIM Mapping

Bill Wagner presented a general overview of the DMTF CIM model update effort. The goal of the group is to align the DMTF CIM model for printer management with the Semantic Model and to improve how printing services and printers are modeled in the DMTF arena. The group is currently experience some difficulty in getting active participation from the DMTF CIM Core members in advancing this effort. Due to this situation, the group is working on what they can while trying to solicit more participation form the DMTF CIM Core experts.

5.5 Projector / Display Management BOF

Harry Lewis briefly presented the status of the Projector and Display management BOF and its progression to a work item within the PWG. There is still work ongoing by R. Landau in trying to recruit members outside the PWG printing industry. Further work on this has been deferred until the January F2F.

6 Financial Report

Harry Lewis presented a status slide prepared by the ISTO regarding the PWG’s financial report. This slide is included in the Plenary Meeting Slides. There was some discussion about a line item regarding 2005 depreciation costs and what was being depreciated.

7 Steering Committee Update

Harry gave the Steering Committee update. The current officers were re-instated for another two-year term ending September 1, 2007.

Harry noted that the PWG Web page continues to be and needs to be updated to stay current as PWG work items are completed and others start.

PWG 2006 invoices to be distributed in November 2005.

Harry presented some items for the afternoon PWG 2006 Topics discussion. These included:

- DMTF CIM Alliance goals, options and roadmap
- WSDM, WS-Management, WIMS alignment
- IPP Extensions for Trusted Computing Group requirements/Security
- CIP4/UP3i/PODI areas of possible collaboration
- Industry-wide “sphere of standards” study
- Why the storage industry has been successful in advancing open management vs. the perceived lack of general printer management.

8 Next meeting (January) Day by Day Schedule

The January 18-19 ~~19-20~~, 2005, PWG F2F meeting day plan was discussed. The meeting will be held in Las Vegas. This meeting is co-located with the IEEE P2600 Hardcopy Device and System Security working group.

The current tentative agenda for the week is:

- Monday /Tuesday: (IEEE P2600 Working Group)
- ~~Wednesday:~~ (Thursday)
 - AM: PWG Plenary (includes WIMS Protocol Last Call)
 - PM: Projector/Display and other BOFs
- ~~Thursday:~~ (Friday)
 - Counter Schema
 - WIMS Protocol and Schema
 - DMTF CIM
 - Web Services Management general

(Late PostScript to meeting minutes....The Hardcopy Working Group of the Trusted Computing Group will be meeting on Wednesday January 18. The Printer Working Group meeting days are now January 19 and 20. Note: The Trusted Computing Group is a members only meeting....)

9 2006 Meeting Schedule Proposal

Harry presented a proposal for a PWG meeting schedule for 2006 (dates in green). These dates currently align with proposed IEEE P2600 meeting. The other dates listed (in blue) are other possible alignment opportunities with IEEE P2600 meetings.

2006 Proposed Schedule Plan (PWG Meetings in green)	
Week of	Location
January 19-20 (F2F)	Las Vegas (ISTO planned)
Feb 28-March 1	Atlanta (Ricoh) tentative
April 5-6 (F2F)	Mount Laurel, NJ (Okidata)
May 25-26	Paris (Océ) tentative
June 21-22 (F2F)	Portland/Vancouver (Sharp) tentative
July 24-25	Rochester, NY (Xerox) tentative
September 7/8th (plenary teleconference half day)	Boulder, CO (IBM) tentative
October 25-26 (F2F)	Lexington, KY (Lexmark)
December 13-14	Orange County CA (Canon)

10 Misc.

10.1 PWG Server Transition Plan

The PWG Server has been transitioned to the new hardware and software platforms.

11 Open Forum/(PWG 2006 Topics)

Topics for Discussion PWG 2006:

Note: Interested parties should try to provide more information for the January F2F meeting by December 2005.

11.1 Continue Web Based Management

- CIM Alliance Strategy -- do we want to just tweak the current management model or try to drive full imaging classes into the DMTF CIM model? Currently the CIM alignment effort is ONLY for printing devices and does not include either scanning or multifunction devices at all. It would be possible for a "PWG" vendor extension MOF to be defined if the DMTF didn't want a CIM core multifunction model.
- WSDM group discussion. Harry agreed to re-engage with the WSDM working group to investigate if/how best the CIM modeling work can be leveraged in WSDM or alternately directly leverage the PWG Semantic Model to MUWS without the intermediate transform through CIM.

11.2 Supporting Print Industry Security

Harry presented some scenarios regarding updates and extensions to the IPP protocol and possibly the Semantic Model required by some of the security working groups (i.e., IEEE P2600 and the Trusted Computing Group) and how some of these liaison relationships might work.

11.3 Surveying Print Industry Standards

The members discussed the idea of creating an information document that surveys the industry standards and specifications that affect the print industry. This topic may be discussed at future PWG BOFs. A summary slide containing the first steps of the collaboration groups and an initial attempt to scope the work are contained in the meeting slides.

11.4 Assuring (interop testing)

The group discussed ways that the PWG could better support cross-vendor interoperability.

- Printer MIB v2 interop?
- IPP v1.1 interop?
- PortMon MIB interop?
- WIMS protocol interop?
- Setting up a formal certification/logo process

11.5 Deploying

The group briefly discussed the possibility of either developing open source or developing alliances with other open source groups to provide open source sample implementations of PWG Standards.

- Open Source implementations/prototypes
- Adoption
- Certification

Meeting Adjourned: