Printer Working Group
Plenary Meeting Minutes

Camas, WA (near Portland,OR)
12 January 2005

Submitted by Jerry Thrasher, Lexmark International Inc.

1 Time and Place

The PWG face-to-face meetings were held from January 11-14, 2005 in Camas WA, hosted by Sharp Inc. The schedule for the week is listed below.

Day	Working Group
Monday	No meetings
Tuesday (Jan. 11)	WIMS F2F Meeting (9:00-5:00 PST)
Wednesday (Jan. 12)	PWG Plenary, MJT and TFM BOF review, Port Mon MIBS (9:00-5:00 PST)
Thursday/Friday (Jan. 13,14)	IEEE P2600 Working Group Meeting (Co-located) (9:00-5:00 PST)

2 Plenary Agenda & Schedule

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

The agenda of the meeting was presented as follows:

•9:00 – 9:30

–Commence and Review San Antonio Minutes (minutes were approved with no discussion, Motion by Ron Bergman, 2nd by Lee Farrell, no objections)

•9:30 – 10:30

–PWG Working Group Status, WIMS, SM, Port Mon MIB, PSI
 (5 min each)
–Financial Reports (15 min)
–Server Upgrade Status (10 min)
–Mailto: delivery notification for IPP (15 min)

•10:45 – 11:30
–MJT BOF revisit
•11:30 – Noon

–TFM BOF revisit

•1:00 – 3:00

–Port Mon MIB

•3:15 – 4:15

–PSI review and action items

•4:30 – 5:30

–Print Number proposal introduction

The updated plenary presentation is located at the following url:

ftp://ftp.pwg.org/pub/pwg/general/Plenary/PWGPlenaryJanuary2005.pdf

3   Meeting Attendees

Attendee	Company	Email Address
In Person		
Ron Bergman	Ricoh	Ron.Bergman@rpsa.ricoh.com
Harry Lewis	IBM Printing Systems	harryl@us.ibm.com
Jerry Thrasher	Lexmark International Inc.	thrasher@lexmark.com
Lee Farrell	CDA	lee.farrell@cda.canon.com
Paul Danbold	Apple	danbold@apple.com
William A Wagner	NetSilicon	wwagner@digi.com
Don Wright	Lexmark	don@lexmark.com
Takanori Masui	Fuji-Xerox	??
Stuart Rowley	Kyocera	stuart.Rowley@ktd-dyocera.com
Craig Whittle	Sharp	cwittle@sharplabs.com
Senthil	Ricoh	senthil-selvaraj@ricoh-usa.com
Scott Fabre	Sharp	scottfab@sharplabs.com
Bogdan Plewnia	Sharp	bplewnia@sharplabs.com
Andrew Ferlitsch	Sharp	aferlitsch@sharplabs.com
Via Telecon		
Ira McDonald	High North	imcdonald@sharplabs.com
Peter Zehler	Xerox Corp	

4   Reports from Constituent Working Groups

4.1   WIMS

The WIMS working group is continuing to work on the model and methods for an Internet capable fleet management protocol. (see the WIMS page on the PWG web site for further detail on the problems being addressed by the WIMS protocol)

The main work item since the last F2F was to get the Counter Specification ready for Formal PWG Last Call review and approval vote. The specification underwent significant review and change at this week's F2F meeting. The Counter Specification is

targeted to be ready for a Last Call review cycle in two to three weeks from the end of the F2F meeting.

The group also reviewed the current state of the Counter MIB in an effort to make sure it's consistent with the Counter Specification and eventually getting the Counter schema in sync. with the Counter Specification document as well.

The WIMS protocol specification was updated since the last F2F meeting however was not reviewed at this meeting due to time constraints. This spec. will continue to be reviewed and revised during the upcoming weekly conference calls. (check the WIMS reflector for conference call announcements)

Ira commented that it's desirable and prudent to make sure the Counter Schema and Counter MIB are fully aligned with the spec. before the Counter Specification is sent out for Last Call comments…Agreed.

4.2 Common Semantic Model – SM

The Semantic Model working group is continuing to work on the extension process document for extending the Semantic Model. Now that the PWG Process 2.0 has been approved, this work can complete.

Announcement: Harry Lewis announced that Pete Zehler (the current Semantic Model WG Chair) has resigned due to a re-deployment of work responsibilities within his company. There is currently a need for both a WG Chair, Secretary and SM maintenance editor for the Semantic Model Working Group. Harry Lewis is temporarily acting as the Semantic Model editor.

Action Item: Harry Lewis will issue a call for a Semantic Model WG Chair, Secretary and maintenance editor for the Semantic Model work.

4.3 PortMon MIB

The PortMon MIB meeting is scheduled to be held on Wed. afternoon during the week. The third generation draft of the PortMon MIB is ready and is going to be reviewed at this meeting. The document is getting close to being final.

There is a possible issue of the logistics of approval for this specification since the PortMon MIB is not officially a defined working group. It presumably can be advanced through the PWG process under the standard Printer MIB working group.

Further development/discussion of the PortMon MIB will be held on the Printer MIB mailing list.

4.4 Print Services Interface -PSI

The PSI working draft specification has finished Last Call, however the final working draft that integrates the Last Call comments is still pending. The Formal Vote cannot be issued until this working draft is completed.

The informative WSDL files that describe the PSI protocol operations have been completed.

The final edit work is still pending:

Comment: The IETF's change in URI scheme specification may slightly impact this spec. at some point in the future. No change to the PSI specification is warranted at this time.

(PostScript). There was a brief PSI meeting on Wed. afternoon and the edits to the PSI specification that resulted from the last call were integrated into a new draft of the PSI spec. It was decided by the group to go ahead and submit the PSI draft for formal vote. The formal vote will be initiated in the next couple of weeks.

5 PWG Financial Report

Harry Lewis presented the PWG financial report prepared by the ISTO.
Copies of these slides may be requested from the PWG chair.

Membership Report:
There are currently 30 PWG member companies in good standing.
(See the PWG web site for current list)

Action Item: Jerry Thrasher, Needs to remove Hitachi and add Microsoft to the PWG Web Site.

Harry reviewed the current state of PWG dues payments; there are currently 10 companies that have completed payment of the 2005 dues.

Announcement: If your company has not paid your dues, please do so as soon as possible.

5.1 PWG Server Transition Plan

The transition of the PWG server to the new hardware and software platform has been delayed due to the availability of the person doing the integration during Nov. and Dec. 2004. The updated target dates for the transition to the new PWG server hardware platform are as follows:

Target Finish Date:	Task:
Oct 11, 2004 (Done)	H/W assembly

Oct. 25 (Done)	O/S Install
Nov. 15 (In Process)	Application install
Dec. 6 (~Feb. 14)	Test on Protected network
Dec. 10 (~Feb. 22)	Relocate to Internet & test
Dec. 12 (~Feb. 25)	Replace production system

The PWG has NOT been invoiced for any of the server transition expenses.

5.2 Mailto: Notifications for IPP

The Mailto: IPP specification that was rejected from the IETF due to security concerns. While a number of vendors have implemented this type of notification, there is no documents specification to point to. Ron Bergman has expressed his willingness to marshal this through the PWG process and make the edits to the draft, as a PWG Standard is appropriate. Paul Danbold expressed interest in the CUPS implementation of the Mailto: feature.

It was decided that the work should progress on reformatting and adding some explanation of the security concerns and look at re-chartering the IETF IPP working group as a PWG IPP maintenance or extension working group.

Action Item: Harry Lewis will issue a call for Working Group officers for the re-chartering if the IPP working group.

NOTE: As an aside from the Mailto: discussion it was pointed out that we need to make a concerted effort to update the WEB pages on the PWG site as many of these are out of date.

6 Next meeting (April) Day by Day Schedule

The current April 11-15, 2005, meeting day planning was discussed. The meeting will be held in Tokyo Japan and will be hosted by Epson. This meeting is co-located with both the Free Software Group and the IEEE P2600 Hardcopy Device and System Security task group, and possibly the Trusted Computing Group's Hardcopy Working Group.

The current agenda for the week is:

- Monday: PWG WIMS and Counters Spec.

- Tuesday/(Wednesday Morning): (IEEE P2600 Working Group)

- Wednesday Afternoon: PWG/FSG Joint Plenary

- Thursday: PWG PortMon MIB, Counter MIB, certification
  MailTo: IPP Notifications
  TFM (if appropriate)

  FSG Parallel Track

- Friday: FSG Meeting
  TCG Parallel (tentative)

Action Item: Harry Lewis will check with Epson about a second meeting room for FSG parallel track on Thursday and Friday.

7 2005 Meeting Schedule

The current PWG meeting schedule for the remainder of 2005 after the Japan meeting was presented during the plenary meeting.

2005 Remaining Schedule Plan (PWG Meetings)	
Week of	Location
July 11-15	San Francisco CA (Apple host)
Oct 24-28	New Orleans

8 PWG Misc. and Issues

8.1 Miscellaneous (FYI)

As part of the MIB effort, there was a brief discussion about a MIB validation or certification process role for the PWG.

Action Item: Harry will add this to the April PWG agenda.

Axeda invitation to join the WIMS effort in the PWG.

Action Item: Harry Lewis will verify the status of the letter that was sent to Axeda to make sure it was indeed received.

Current PWG officer terms end in September 2005. Due the reduced number of F2F meetings, we need to define candidates for future PWG officers for upcoming terms. **Action Item:** Harry Lewis will send a note to PWG announce, announcing a call for officer nominations.

9 New PWG Topics/Revisit of BOFs

9.1 Micro-Job Ticket (MJT)

Harry gave an overview of the MJT Technical Brief straw-man proposal from Ira.
As part of gauging the interest level for the MJT, Paul Danbold discussed the MJT idea with the major printer vendors and some cell phone companies that are in the both the home and multimedia type products.

His report was as follows:
The general response from companies that make or are planning a variety of home entertainment and AV products was generally not very receptive towards the MJT solution as a broadly adoptable technology in the home AV market.
Pure play printer or cell phone type companies showed passive interest, but no definite plans to implement.

The group briefly discussed possible next steps for MJT. Since there is no driving interest in this technology, it was decided to put this effort on hold at this time.

9.2 Transform Interface Service

Harry re-introduced the Transform Services interface concept, and the straw-man proposal.
Harry reported that while there has been some interest expressed in the Transform Services concept, there is no interest in an industry standard interface at this time. Paul Danbold expressed interest in the Transform Services concept as a service to provide in future products but does not currently fit into any product schedule.

This effort will be put on hold at this time until further interest is expressed.

9.3 Print Number Proposal

Harry reviewed the process in which this proposal was brought to the PWG. Harry reviewed an email from PrintNumber that referenced some intellectual property that would be applicable to their proposal and their intent to sign a Letter of Assurance if a PWG working group is chartered.

Harry presented the Print Number proposal slides from PrintNumber. These can be found on the PWG web site at:

ftp://ftp.pwg.org/pub/pwg/general/proposals/PrintNumberSystem/PrintNumber.pdf

The group reviewed the proposal and formulated a list of comments and questions about exactly what is being proposed for standardization. These will be forwarded to the PrintNumber representatives.

Meeting Adjourned: