



Printer Working Group Plenary Meeting Minutes

San Jose CA
24 February 2004

Submitted by Jerry Thrasher, Lexmark International Inc.

1 Time and Place

The PWG face-to-face meetings were held from February 23-26, 2004 in San Jose CA at the SJC Doubletree Hotel coordinated by the ISTO office. The schedule for the week is listed below.

Day	Working Group
Monday (Feb. 23)	IFX (8:30-12:00 PST), PSI (1:30-5:00 PST)
Tuesday (Feb. 24)	Plenary (8:30 –10:00 PST), Secure Print Protocol (10:00-1:00 PST) DMTF/CIM BOF (2:00 – 5:00 PST)
Wednesday (Feb. 25)	WBMM (8:30-5:00 PST)
Thursday (Feb. 26)	Notifications and Discovery BOF and PWG Process Document (8:30-3:00 PST)

2 Agenda & Schedule

PWG Chariman Harry Lewis started the plenary at 8:30 AM PST (11:30AM EST). The agenda of the meeting was:

- April Meeting Planning
- 2004 F2F Meeting Schedule
- Financial Report
- Project Details and Reports
- Other/BOF presentations

The updated plenary presentation is located at the following url:

<ftp://ftp.pwg.org/pub/pwg/general/presentations/PWGPlenaryFeb2004.pdf>

3 Meeting Attendees

Attendee	Company	Email Address
In Person		
Farrell, Lee	Canon	lfarrell@cis.canon.com
Lewis, Harry	IBM	harryl@us.ibm.com
Thrasher, Jerry	Lexmark	thrasher@lexmark.com
Zehler, Peter	Xerox	pzebler@crt.xerox.com
Wagner, Bill	NetSilicon	wwagner@netsilicon.com
Zhao, Liang	Epson	liang.zhao@eitc.epson.com
Yang, Yirou	Epson	yirou.yang@eitc.epson.com
Staal, David	Barr Systems	david.staal@barrsystems.com
Ishii, Yuuichi	Ricoh	yuuichi@dfs.ssd.ricoh.co.jp
Yagi, Atsuko	Ricoh	atsuko@dfs.ssd.ricoh.co.jp
Regnier, Alain	Ricoh	alain@ussj.ricoh.com
Nagasaka, Fumio	Epson	nagasaka.fumio@exc.epson.co.jp
Bergman, Ron	Hitachi	ron.bergman@hitach-ps.us
Anderson, Ken	Silex	kanderson@silexamerica.com
Uchino, Atsushi	Epson	uchino@eitc.epson.com
Volkoff, Brian	HP	brian.volkoff@hp.com
Deschrijver, Stefaan	Print4Sight	s.deschrijver@print4sight.com
Via Telecon		
McDonald, Ira	High North	imcdonald@sharplabs.com
Alan Berkema	HP	
Dennis Carney	IBM	

4 Next meeting (April) Day by Day Schedule

The current April 19-23, 2004, meeting day planning was discussed. (Washington DC area)

Currently:

- Monday, Tuesday (IEEE P2600)
- Wednesday (Plenary)
- Thursday (WBMM)
- Friday (FSG possible)

4.1 Future Meeting Schedule Weeks

The remaining 2004 PWG meeting schedule was revisited during the plenary meeting to account for some changes in participation for some of the meetings. The new tentative schedule for the remaining PWG meetings after the April, Washington DC meeting follows:

Week of	Location
May (24-28)	Vancouver B.C.
August (16-20)	Montreal
October (4-8)	Lexington Ky.
November (15-19)	San Antonio Tx.

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 directly.

There are a number of companies that have not submitted payment for 2004 PWG dues. Those companies that have not paid 2004 PWG dues are strongly encouraged to do so.....!!!!!!

6 Reports from Constituent Working Groups

6.1 *Semantic Model - SM*

The semantic model has been formally approved and published. There has been some work done on a process document to enable maintenance and extension of the semantic model.

6.2 *Print Services Interface -PSI*

The PSI specification is currently in formal vote process, scheduled to end on Feb. 25, 2004. There was an observation that the WSDL/schema on the PWG web side is not synchronized with the current version of the PSI specification.

It was decided that the specification, if approved, would be published with a note indicating that reference WSDL is currently not updated. The WSDL will be updated and provided on the web site in the next few months.

The PSI working group will continue to have conference calls to work on the Implementers guide and discuss the future work items of the group if necessary.

6.3 *IPP FAX – IFX*

The IPPFax requirements document completed formal vote and is being published.

The PDF/is Specification is currently in the formal vote process. The vote has been extended until the end of March timeframe.

The IPPFax protocol specification is currently being reviewed via teleconferences but will not be sent for last call or formal vote at this time due to lack of committed prototyping of the IPPFax protocol.

There was some interest expressed in the possibility of taking the PDF/is specification to the IETF as an alternative data format for IFAX.

6.4 Web Base Monitoring and Management – WBMM

The WBMM group has been continuing to work on the draft specification for the operations and actions for WBMM (see web Site). There is still ongoing work for the schema including printer views, Alert, Report, and Resources.

The WBMM group is now looking at the MIBs and semantic model extensions needed to correctly deal with MFP's today.

6.5 MIBs

Printer, CharSet, and Finishing MIBs are currently at the top of the non-working group RFC editor queue in the IETF. There may still be roadblocks with the IANA organization that may effect the continued progress through the IETF process.

6.6 PWG -IPP Extensions

Document Object, JobX and Page Overrides specification are now published Candidate Standards (CS) available on the PWG standards web page. There are quite a few other working groups that have adopted various IPP extensions for their work.

6.7 PWG Process

The Process Document is currently be revised and will be reviewed and update in future meetings and possible telecons.

6.8 Other

The following topics were discussed briefly.

- RFC3712 LDAP Printer Schema has been published.
- The new IEEE P2600 working group that will be co-locating with some PWG meetings. This group is an open working that is working on security standards for hardcopy devices.
- Standardized flash/firmware updated process discussions in the WBMM working group. This topic may be further fleshed out in future BOFs etc.
- ISTO-PWG presentation to the PODI group.

Harry presented a presentation that he gave to the PODI group. This presentation is available at the following link:

<ftp://ftp.pwg.org/pub/pwg/general/presentations/PWGOverviewFeb2004.pdf>

There was interest expressed that this slide set be made available for presentation at the March FSG steering committee meeting as well as future Open Printing meetings as a tool to evangelize the work of the PWG.

6.9 Secure Print Protocols in Traditional Environments

David Staal presented his presentation on his requirements/environments for the need to secure print paths in traditional system printing environments. Slides are available at the following url:

<ftp://ftp.pwg.org/pub/pwg/general/presentations/Secure-Print-Protocols.ppt>

The discussion centered around what current technologies might solve the specific customer environment's requirements. (e.g. IPsec or TSL(IPP) solutions)

It was decided that a PWG working group is not warranted at this time, however it was suggested that this presentation be made available to the P2600 working group as input for their requirements.

It was also noted that future security related BOF's in the PWG should be considered.

6.10 CIM and WBEM Overview (BOF)

Steve Jerman from HP presented an overview of the DMTF's WBEM activity. The presentation is located at the following url:

<ftp://ftp.pwg.org/pub/pwg/general/presentations/DMTF-PWG-BOF.pdf>

The methods supported in the CIM provide support for navigate, query, modify etc.

A whitepaper that maps the CIM model to an IPP model is made available on the PWG web site. There was interest shown in reviewing this document to identify where it may need to be extended based on the Semantic Model effort.

ftp://ftp.pwg.org/pub/pwg/general/presentations/CIM_Device23_printer_wp.pdf

There was also interest expressed in trying to synchronize (and keep synchronized) at least the models used by CIM with the Semantic Model.

Bill Wagner gave a brief description of the WBMM architecture and how it is different from the WSDM model for management.

There was discussion of the need to possibly form a new working group to handle the synchronization of the CIM model and a liaison with the DMTF for the extension of both the CIM model and the Semantic Model to include MFP devices, not just printers. For now the discussions about the effort will be held within the Semantic Model Working group.

Harry Lewis took an action item to research IBM specifics related to WMI.

6.11 Thursday AM Plenary type Presentation

Fumio Nagasaka gave a presentation dealing with areas of the printing industry that the PWG may be able look at focusing on to extend it's participation and increase the adoption if standards developed by the PWG. This presentation is available at the following URL:

<ftp://ftp.pwg.org/pub/pwg/general/presentations/PWG-Marketing02.26.ppt>

While no new immediate working groups were discussed it was decided to create a reflector do discuss opportunities with the consumer space that the PWG may better serve.