Printer Working Group
Plenary Meeting Minutes

Mesa, Arizona
April 17, 2008

Submitted by Harry Lewis, InfoPrint Solutions Company, LLC.

1   Time and Place

The PWG face-to-face meetings were held April 15-18 at the Marriott Courtyard in Mesa, AZ. The schedule for the week is listed below.

Tues. 04/15	1:00 PM	5:30 PM	PDM (Projector and Display Management)
Wed. 04/16	8:00 AM	12:00 PM	IDS (Imaging Device Security)
	12:00 PM	1:30 PM	Lunch
	1:30 PM	5:30 PM	PDM (Projector and Display Management)
Thur. 04/17			
	8:00 AM	12:00 PM	IDS (session 2)
	12:00 PM	1:30 PM	Lunch
	1:30 PM	4:30 PM	IPPv2
	4:30 PM	5:30 PM	Plenary
Breakout	8:00 AM	4:30 PM	PDM
Fri. 04/18	8:00 AM	12:00 PM	MFD
	12:00 PM	1:00 PM	Lunch
	1:00 PM	4:00 PM	WIMS/CIM

2   PWG Plenary Agenda

PWG Chairman Jerry Thrasher started the plenary meeting at 4:00 PM local time.

The agenda of the meeting was presented as follows:

- Welcome and Introductions
- Agenda
- Previous Business
- Recite PWG Patent Policy
- 2008/2009 Meeting Schedule
- Membership Status / Finances
- Active Projects Status
- Steering Committee Report (n/a)
- Project proposals / BOF
- Adjourn

3   PWG Plenary Meeting Attendees

Attendee	Company	Email Address
Koichi Ara	NEC Display Solutions	k-ara@vt.jp.nec.com
Ron Bergman	Ricoh Co.	ron.bergman@ricoh-usa.com
Shah Bhatti	Samsung	shah.bhatti@samsung.com
Paul Brown	SP Controls	pbrown@spcontrols.com
Nancy Chen	Oki Data	nchen@okidata.com
Peter Cybuck	Sharp	cybuckp@sharpsec.com
Dennis DeYoung	Xerox	Dennis.DeYoung@xerox.com
Lee Farrell	Canon Inc.	lee.farrell@cda.canon.com
Umesh Jani	Texas Instruments	mugjani@ti.com
Rick Landau	Dell	Richard_landau@dell.com
Harry Lewis	InfoPrint Solutions	HarryL@us.ibm.com
Joe Murdock	Sharp	jmurdock@sharplabs.com
Glen Petrie	Epson	Glen.petrie@eitc.epson.com
Erhan Soyer-Osman	Microsoft	erhanso@microsoft.com
Jerry Thrasher	Lexmark International Inc.	thrasher@lexmark.com
Randy Turner	Konica-Minolta	rturner@amalfisystems.com
Bill Wagner ☎	TIC	wamwagner@comcast.net
Dave Whitehead	Lexmark International Inc.	david@lexmark.com
Craig Whittle	Sharp	cwhittle@sharplabs.com

4   Previous Business

The minutes of the previous PWG F2F Plenary meeting were approved.

5   PWG Patent Policy review

The PWG Chairman reviewed the PWG patent policy with the members in attendance. It was noted that the policy that was presented is the current IEEE patent policy that was recently updated and is not exactly in line with published PWG patent policy. It was also noted that there is an effort underway to modernize the PWG patent policy.

The current published PWG Patent Policy statement is available at:

ftp://ftp.pwg.org/pub/pwg/general/PWG-Patent-Statement-20060509.pdf

Draft of revised copyright notice also reviewed.

Presentation of patent policy was acknowledged by members in attendance with no comment or indications of any known IP.

6 2008 Meeting Schedule

Jerry Thrasher presented the current draft of the 2008 PWG F2F schedule.

2008 Meeting Schedule:	
Week of June 23-27	Longmont/Boulder CO (with P2600)
Week of August 11-15	Sharp Vancouver (with P2600)
Week of October 27-31	Co-Locate with LF/OP (TBD)
Week of December 2-5	Samsung Irvine
2009 Meeting Schedule:	
Week of February 16-19	Hawaii (big island)

7 Membership Report

Jerry Thrasher presented the current PWG membership and highlighted that Boeing is our newest member.

•366 Software	•Microsoft
•Apple Inc.	•MPI Tech A/S
•Boeing	•NEC Display Solutions
•Canon, Inc.	•Northlake Software, Inc.
•Coretronic	•Oki Data
•Dell	•Peerless Systems Networking
•Epson Inc.	•RICOH Company Ltd.
•Fuji Xerox Co., Ltd.	•Samsung Electronics Corporation
•Hewlett-Packard	•Sharp Labs of America
•Intermate A/S	•Sigma-Tel
•Konica Minolta	•Toshiba
•Kyocera	•Xerox Corporation
•Lexmark International Inc.	•Zoran Imaging Division

8 Status of PWG Working Groups and Projects

Various representatives presented status of their projects as follows.

8.1 WIMS IMAGING STATE & COUNTER MIB v2

Bill Wagner presented WIMS Imaging State & Counter MIB v2 status
- Approved as a PWG Candidate Standard

8.2　WIMS-CIM

Bill Wagner presented WIMS – CIM status
- Complete set of CIM changes requests related to Printer Devices approved and incorporated in the latest DMTF CIM release.
- Dell to prototype CIM Printer Device MOFs
- Updating additional printer related MOFs such as alerts, counters, print service, print job and print queue are future considerations. Counters are the most likely next step.
- See the PWG Web and Wiki for up to date status.

8.3　MFD

Dennis DeYoung (Xerox) presented MFD w/g status. This group is pursuing common semantics for MFDs, subunits, services, jobs and documents. Print (output side) is complete. Scan (input side) is the current focus. Requirements and Use Case documents for Scan Service are now ready for Formal Approval. Scan Service modeling continues simultaneously with Schema and WSDL updated to reflect changes as they occur. The group is generating an XML Schema in parallel with their specification. A protocol binding is on the horizon as a follow-up activity.

There was a question, how does this differ from the Microsoft scan service? We are hoping to superset the Microsoft definitions and not redefine.

8.4　IPPv2.0

Ron Bergman presented IPPv2.0 status. IPP extensions exist in 17 different standards documents issued after IPPv1.1. The version 2.0 efforts will group extensions into multiple function sets for compliance and interoperability purposes.

8.5　PDM

Rich Landau presented PDM working group status. Basically, the bulk of initial development is complete. Preliminary draft of MIB completed is stable and compiles. Now revising and refining. PWG has assigned OID arc to projectorDisplayMIB 1.3.6.1.4.1.pwg(2699).experimental(2).projectorDisplayMIB(4). Remaining items include a line-by-line review of the spec and incorporation of any changes or corrections. Available for public review targeted for InfoCOM mid June. CEDIA trade show September in Denver. Prototyping anticipated later this year. Two members tentatively identified.

Need to examine the PWG/ISTO press release process for an anticipated announcement late 2008 or early 2009.

8.6 IDS - Imaging Device Security working group (in Charter)

Ron Bergman presented status of IDS. Hardcopy devices are currently relegated to quarantine and do not join the protected network automatically. This group will define a set of metrics or attributes for use with currently developing protocols such as TNC, NAC, NAP and NEA that will enable assessment of the security posture of the device.

The group is in the process of reviewing TNC, NAC, NAP and NEA and generating a set of assessment attributes. A starting set has been defined. The goal is to define both a minimal and extended set followed by draft bindings.

9 Misc

9.1 Possible Future PWG projects

Randy Turner described Web2.0 widgets and how they may relate to hard copy devices. Portable web code for printers and imaging devices. Using Web 2.0 mechanisms to add value to the base web server that is already in an imaging device. Randy will introduce more discussion on this topic on the PWG.ORG mailing list and discuss it in more detail at the June meeting.

10 Adjourn

Meeting adjourned at 5:13PM local time.

11 Online materials

Please see table provided at the PWG meeting web site for an online versions of presentation materials used during the Plenary.

http://pwg.org/chair/meeting-info/April_2008_Phoenix.html

12 Action Items

PWG Officers	– Examine PWG Press release process in anticipation of potential future Scan Service and/or PDM press release