



Cloud Imaging Working Group

October 5, 2011

Cupertino, California

Cloud Imaging WG Meeting Agenda



When	What
9:00 – 9:15	Introduction and Administrative Issues Intellectual Property Policy Statement Identify Minute Taker Introduce Participants Consider Agenda Acceptance of Previous Minutes (ftp://ftp.pwg.org/pub/pwg/cloud/minutes/cloud-concall-minutes-20110926.pdf)
9:15 – 9:30	Action Items Review
9:30 – 10:30	PWG Job Ticket /Printer Characteristics – Minimum Sets
10:30 – 10:45	Break
10:45 – 11:45	Job Ticket /Printer Characteristics Mapping Best Practices Outline PPD JDF Microsoft Print Schema
11:45 – 12:00	Next Steps, Wrap Up

Officers

- ❖ Chair: Ron Nevo (Samsung)
- ❖ Vice Chair: Bill Wagner (TIC)
- ❖ Secretary: Michael Sweet (Apple)
- ❖ Document Editors:
 - Ira McDonald (High North): Job Ticket Mapping (JDF), Cloud Imaging Model and Requirements, Cloud Print IPP Binding
 - Joe Murdock (Sharp): Cloud Imaging Model and Requirements, Cloud Print SOAP Binding
 - Peter Zehler (Xerox): PWG Job Ticket and Printer Characteristics, Job Ticket Mapping(MSPS), Cloud Imaging Model and Requirements, Cloud Print SOAP Binding
 - Ron Nevo (Samsung): Job Ticket and Printer Characteristics Mapping Best Practices, Cloud Imaging Model and Requirements
 - Michael Sweet (Apple): JobTicket Mapping (PPD), Cloud Imaging Model and Requirements,
 - Justin Hutchins (Microsoft): Job Ticket Mapping (MSPS)

Action Items



- ❖ Ira to update new charter, including MSPS reference
 - (<ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloud-charter-20110926.pdf>)
- ❖ Ron to prepare skeleton mapping document for F2F
- ❖ Mike and Ira to post updates on PPD and JDF content
- ❖ Justin to look into MSPS schema licensing/issues

Consideration of PWG Job Ticket



❖ Draft of “Print Job Ticket and Associated Capabilities”

- <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-sm20-printjobticket10-20110923.pdf>
- Job Ticket and Capabilities (capabilities, identification and some status information) for the Print Service, derived from current MFD Semantic Model

❖ Review

- Overall Document
- Listed Elements – Any missing? Any totally inapplicable?
- Inclusion of:
 - Job Ticket Persistence and serializing/embedding Job Ticket information in document file
 - Methods of tracking document processing aspects requested in Job Ticket performed as print job proceeds from originator to final device.
- Identification of Minimum Set for Job Ticket (derived from JTAPI Job Ticket Element list?)
- Identification of Minimum Set for Printer Characteristics

Job Ticket /Printer Characteristics Mapping Best Practices Document



❖ Outline

1. Introduction
2. Terminology
3. Requirements
4. Microsoft Print Schema Specification (MSPS)
5. Postscript Printer Description (PPD)
6. CIP4 Job Definition Format (JDF)
7. Internationalization Considerations
8. Security Considerations
9. References
10. Authors' Addresses

❖ Initial Draft

Job Ticket /Printer Characteristics Mapping Best Practices Document



PPD Mapping

- Mapping PPD Keywords to PWG 1 Job Ticket Elements
(<ftp://ftp.pwg.org/pub/pwg/cloud/white/ppd-mapping-20110818.pdf>)
or later update

PPD References

- Adobe Systems Incorporated, "PostScript Printer Description File Format Specification Version 4.3", Technical Note #5003, February 1996
(http://partners.adobe.com/public/developer/en/ps/5003.PPD_Spec_v4.3.pdf)
- Adobe Systems Incorporated, "Update to PPD Specification Version 4.3", Technical Note #5645, April 1997,
http://partners.adobe.com/public/developer/en/ps/5645.PPD_Update.pdf
- M. Sweet, "CUPS PPD Extensions",
(<http://www.cups.org/spec-ppd.html>)

Job Ticket /Printer Characteristics Mapping Best Practices Document



JDF Mapping

- Mapping JDF Attributes to PWG Print Job Ticket Elements (<ftp://ftp.pwg.org/pub/pwg/cloud/white/jdf-mapping-20110822.pdf>) or later update.

JDF References

- CIP4, "JDF Specification Release 1.4a", December 2009, 13 (http://www.cip4.org/menu.php?name=technical_resources 14)
- CIP4, "Integrated Digital Printing (IDP) ICS Version 1.3 Errata 15 Revision A, February 2009, 16 (http://www.cip4.org/document_archive/ics.php)

Job Ticket /Printer Characteristics Mapping Best Practices Document



MSPS Mapping

Next Steps

- ❖ Charter Update (to be submitted to PWG SC pending resolution of MSPS issue)
- ❖ Support of Current Cloud Printing Approaches
 - Feedback to Semantic Model WG on PWG Job Ticket document
 - Mapping of PWG Semantic Model elements into PPD, MSPS and JDF formats (Best Practices Document)
- ❖ Cloud Imaging Model and Requirements Document
 - Consideration of Use cases from General Use Case Document
 - Generation of Document Skeleton
- ❖ Specific Action Items!

Cloud Imaging WG Participation

- ❖ We welcome participation from all interested parties
- ❖ Cloud Imaging Working Group Web page
 - <http://www.pwg.org/cloud/index.html>
- ❖ Cloud Imaging Working Group Wiki
 - <http://pwg-wiki.wikispaces.com/Cloud+Imaging>
- ❖ Subscribe to the Cloud mailing list
 - <https://www.pwg.org/mailman/listinfo/cloud>
 - cloud@pwg.org
- ❖ Cloud Imaging WG holds bi-weekly phone conferences announced on the Cloud mailing list
 - Next conference call is October 24th, 2011 at 1 pm (ET)
 - Conferences on opposite weeks of IPP WG calls