



# The Printer Working Group

Semantic Model Working Group

Thursday, Oct 24, 2013

Cupertino, CA

Daniel Manchala (Xerox)



# SM Meeting Agenda (Thu)

## Session (1:30-5:00 PM PST)

- Discussion of the mapping documents
- Status of current specifications and schema
- Charter: Present updated charter
  - Reviewed at last F2F (Paul Tykodi)
- CWMP Printer Data Model (Standards track paper by Ira / Nancy)
- SM 3.0
  - Improve the HTML versions of the Schema
  - Tool to use for viewing or working on Schema, and place the Schema into the new SM3 document.
- Update plan for working SM3 document
  - Agenda for various call-in meetings (list topics of interest for various meetings)



# Semantic Model Meeting Logistics

- The documents and schema used are available from the SM page <<http://www.pwg.org/mfd>>
- The phone bridge and WebEx will be the same as used throughout the meeting
- Officers
  - Daniel Manchala (Xerox) – Chair
  - Paul Tykodi (TCS) – Vice Chair
  - Secretary (need to fill this position)



# Approved Documents

## Print Service: *Approved January 2004*

- PWG5105.1:  
PWG Semantic Model Specification Version 1.00
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm10-20040120-5105.1.pdf>

## Scan Service: *Approved April 2009*

- PWG5108.02-2009:  
Network Scan Service Semantic Model and Service Interface Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-scan10-20090410-5108.02.pdf>

## Resource Service: *Approved July 2009*

- PWG5108.03-2009:  
Network Resource Service Semantic Model and Service Interface Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-resource10-20090703-5108.03.pdf>



# Approved Documents

## MFD Common Semantics: *Approved April 2011*

- PWG5108.01-2011:  
MFD Model and Common Semantics Version 1.00
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-mfdmodel10-20110415-5108.1.pdf>

## Copy Service: *Approved June 2011*

- PWG5108.04-2011:  
Copy Service Semantic Model and Service Interface Version 1.00
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-copy10-20110610-5108.04.pdf>

## MFD Requirements: *Approved September 2010*

- Multifunction Device Service Model Requirements
- <ftp://ftp.pwg.org/pub/pwg/informational/req-mfdreq10-20100901.pdf>



# Approved Documents

## FaxOut Service : *Approved August 2011*

- PWG 5108.05-2011:  
FaxOut Service Semantic Model and Service Interface Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-faxout10-20110809-5108.05.pdf>

## System Control Service: *Approved February 2012*

- PWG 5108.06-2011:  
System Object and System Control Service Semantics Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-system10-20120217-5108.06.pdf>

## Print Job Ticket: *Approved August 2012*

- PWG 5108.07-2012:  
PWG Print Job Ticket and Associated Capabilities Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-pjt10-20120813-5108.07.pdf>



# In Progress Documents

## Mapping Related Standards

Mapping Related Standards to PWG PJT v1.0

## Semantic Model / MFD Charter

Revise the Semantic Model/MFD charter

## Semantic Model 3.0

## Transform Service -? (part of SM3 ?)

Semantic Model and Service Interface – August 7, 2012 Interim Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdtransformmodel01-20120807.pdf>



# Schema Status

- Named version (v1.180) published for Print Job Ticket and Associated Capabilities
- Latest (v1.185) Up to date with In Progress specifications
  - Transform Service (mostly complete for 1.0)
  - FaxIn Service (up to date)
  - FaxOut Service (up to date)
  - Cloud Print extensions (WIP – WSDL operations needs update)





# Remaining Projects

- Projects planned to be addressed after the current activities are complete. (Subject to volunteers to be Editors)
  - Semantic Model v3.0 (Print, Scan, Copy, FaxIn, FaxOut, Transform will be merged from previous models)
  - Resource Service
  - Job Ticket Model
  - Service Integration with Workflow Environments v1.0
  - Mapping Standard v2.0 (DMTF-CIM, AFP & MODCA)
  - CWMP
  - Transform Service



# Next Steps

- Appoint Secretary of Semantic Model Working Group
- Include Version 2 of Mapping Document
- Continue Mapping activity
- Web Services binding of Cloud Imaging Model
  - Maybe as part of SM v3.0
- Update the “MFD Model and Common Semantics Version 1.0” to be the PWG Semantic Model Specification Version 3.0
  - 1.0: Print Service
  - 2.0: Extended it for other MFD Services
  - 3.0: Add complete imaging systems and workflow



## More Info/How to participate

- **We welcome more participation from member companies**
- **The group maintains a Web Page for Semantic Model that includes links to the latest documents, schema and a browsable version of the schema**

<http://www.pwg.org/mfd>



## More Info/How to participate

- **Information on subscribing to the Semantic Model mailing list is available at**  
<<https://www.pwg.org/mailman/listinfo/mfd>>
- **MFD holds periodic phone conferences, with dates, call numbers and agenda announced on the MFD mail list.**