

# PWG Plenary Status Report Semantic Model Working Group

February, 2012

Irvine, CA

PWG F2F Meeting

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# Purpose of the effort

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**The Semantic Model working group is concerned with the modeling of imaging services and subunits that comprise a network connected Multifunction Device. The Objectives are:**

- Drive to a standard semantic definition for an MFD's Subunits, Services, Jobs and Documents.
  - Agreement on the semantics of their attributes, operations and parameters.
- Currently being addressed are PrintJobTicket and the SystemControl, FaxIn and Transform services.
  - The Print, Scan, Copy and Resource Services and the MFD Model and Common Semantics specifications have been completed.
- The definition of a framework for the complete MFD model is the objective.

# Approved Documents:

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## 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:

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## MFD Common Semantics: *Approved April 2011*

- PWG5108.1  
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  
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 :

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## FaxOut Service : *Approved August 2011*

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FaxOut Service:

Semantic Model and Service Interface – July 5, 2011 Stable Draft

<ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-faxout10-20110809-5108.05.pdf>

# In Progress Documents:

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## System Control Service: (PWG Formal Vote)

MFD System Object and

System Control Service Semantics – December 15, 2011 Stable Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdsystemcontrolservicemodel10-20111215.pdf>

## Print Job Ticket: (PWG Last Call)

PWG Print Job Ticket and

Associated Capabilities – January 17, 2012 Stable Draft

<ftp://ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-sm20-printjobticket10-20120117.pdf>

## FaxIn Service: (Work in Progress)

FaxIn Service:

Semantic Model and Service Interface – November 30, 2011 Interim Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdfaxinmodel10-20111130.pdf>

# In Progress Documents:

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## Schema Status:

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- Named version (v1.27) published for MFD Model and Common Semantics
- Latest (v1.168) Up to date with In Progress specifications
  - JPS3
  - Raster
  - IDS SystemHealth linked to SystemStatus
  - Dublin Core metadata added to DocumentDescription

# Remaining Services

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- Services planned to be addressed after the current Services are complete. (Subject to change based on group consensus)
  - Transform Service (Initial discussions have begun)
  - EmailIn Service
  - EmailOut Service



# Next Steps

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- Complete Last Call and Formal Vote on
  - Print Job Ticket and Associated Capabilities specification
  - MFD System Object and System Control Service Semantics specification
- Complete the work on FaxIn specifications
- Publish initial version of Transform Service specification
- Update the MFD Model and Common Semantics Version 1.0 to be the PWG Semantic Model Specification Version 2.0
- We need people to step up as editors of Email In/Out service specifications

# More Info/How to participate

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- **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

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- **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.**