

# PWG Plenary Status Report MFD Working Group

February, 2010  
Scottsdale, AZPWG F2F Meeting

# Purpose of the effort

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**The MFD 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 an overall MFD specification, Copy Service and FaxOut Service.
  - The Print, Scan and Resource Services have been completed
- The definition of a framework for the complete model is an 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>

# In Progress Documents:

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## MFD Model and Overall Semantics:

- MFD Model and Overall Semantics – January 11, 2010 Interim Draft
- <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdoverallmod10-20100111.pdf>

## Copy Service:

- Copy Service: Semantic Model and Service Interface – January 2, 2010 Interim Draft
- <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdcopymodel10-20100102.pdf>

## FaxOut Service:

- FaxOut Service:  
Semantic Model and Service Interface – January 26, 2010 Interim Draft
- <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdfaxoutmodel10-20100126.pdf>

# Schema Status:

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- Initial version of Power Management data has been added under SystemDescription
- Initial proposed System Service has been added
  - Allows access to system wide elements (e.g. system counters, all subunits, all conditions)
- All the existing services have had their interfaces “homogenized”

# Remaining Services

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

# Next Steps

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- Work to complete the MFD specification.
  - Delay PWG wide Last Call and Formal Vote until at least one service normatively dependant on this specification reaches Last Call status
- Complete Copy Service specification and find resource to prototype (possibly Xerox)
- We need people to step up as editors of remaining service specifications. The MFD specification reduces the amount of work to produce a service specification. The current Copy specification and FaxOut specification can be used as templates.

# More Info/How to participate

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

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



# More Info/How to participate

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