

PWG Plenary Status Report MFD Working Group

Decemberr, 2010
Irvine, CA PWG F2F Meeting

Purpose of the effort



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, FaxOut Service and FaxIn Service.
 - The Print, Scan and Resource Services have been completed
- The definition of a framework for the complete model is an objective.

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 Requirements: *Approved September 2010*

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

In Progress Documents:



MFD Model and Overall Semantics:

(Ready for WG Last Call)

MFD Model and Overall Semantics – November 17, 2010 Interim Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdoverallmod10-20101117.pdf>

Copy Service: (Ready for PWG Last Call)

Copy Service: Semantic Model and Service Interface – Sept 15, 2010 Stable Draft

<ftp://ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdcopymodel10-20100915.pdf>

FaxOut Service: (Ready for WG Last Call)

FaxOut Service:

Semantic Model and Service Interface – Sept 15, 2010 Stable Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdfaxoutmodel10-20100915.pdf>

In Progress Documents:



FaxIn Service: (Work in Progress)

FaxIn Service:

Semantic Model and Service Interface – July 28 Interim Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdfaxinmodel10-20100728.pdf>

System Service: (Work in Progress)

MFD System Service :

Semantic Model and Service Interface – July 23, 2010 Interim Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdsystemservicemodel10-20100723.pdf>

In Progress Documents:

Schema Status:

- Up to date with In Progress specifications, System Service, System Health(IDS), and Power specification
- Named version ready for publishing containing only the semantic elements from completed and approved specifications
 - Named version will be modified until Overall Specification is complete.
 - Namespace and content will be locked down at that point

Remaining Services



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

Next Steps



- Work to complete the MFD Overall specification.
- Upon approval of MFD Overall the Copy Service and FaxOut service specifications will enter Last Call
- Work on FaxIn and System Service specifications will then become the focus of the group
- 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



- **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



- **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.**