PWG Plenary Status Report
MFD Working Group

August, 2009
Redmond, WA 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 specificationand the 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:

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:

MFD Model and Overall Semantics:

- MFD Model and Overall Semantics
        June 20, 2009 Interim Draft

- ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdoverallmod10-20090620.pdf

FaxOut Service:

- FaxOut Service:
        Semantic Model and Service Interface - June 17, 2009 Interim Draft

- ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-scan10-20090410-5108.02.pdf

Copy Service:

- Straw man proposal being generated

Schema Status:

- Model root is now System. This improves alignment with DMTF CIM
- System Description and Status are no longer based on Imaging class. They do reuse existing Status and Description elements
- Service Configurations no provide explicit limited view of the subunits applicable to that service.
- A straw man proposal of a WSDL and Schema is available for the Copy Service

Remaining Services

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

Next Steps

- 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
- Resume FaxOut work using normative dependencies on MFD specification
- Begin high level discussions of a Copy Service and get a straw man proposal drafted as a starting point for a working draft

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

➢ **Subscribe to the MFD**

  http://www.pwg.org/mailhelp.html

More Info/How to participate

➢ **Subscribe to the MFD mailing list by sending an e-mail to majordomo@pwg.org with a blank subject line and a message:**

subscribe MFD

➢ **MFD holds periodic phone conferences, with dates, call numbers and agenda announced on the mail list and available on the PWG Google Calendar.**

http://www.google.com/calendar/embed?src=istopwg%40gmail.com