

# PWG Plenary Status Report

## MFD Working Group

June 25, 2008  
Longmont, CO  
PWG F2F Meeting

# Purpose of the effort

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## **The MFD working group is concerned with the modeling of Multifunction Devices. The Objectives are:**

- Definition of a framework for the data model for the Services and Subunits that comprise a Multifunction Device
  - Began with PWG SM v1.0 (based on IPP Print Service)
  - Incorporated Printer MIB (covers device aspects)
  - Incorporated WIMS model extensions (generalizes framework)
- Definition of Print Service operations derived from IPP
- Network Scan Service is current focus of the Working Group
  - Use Cases and Requirements specification is in formal PWG vote
  - Semantic Model and Service Interface specification is being actively worked. XML Schema and WSDL are tracking specification changes.
  - Objective is industry wide semantic alignment for Scan similar to what PWG SM v1 did for Print
  - Align current Scan Model with WS-Scan
- Other Services of Multifunction Devices will reuse semantics from Print and Scan whenever possible

# Work Items for the WG

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- **What We're Doing**

- Initial focus is limited to Scan
- Developing an XML Schema in parallel with the specification
- Separating common information from service specific information
- Reusing existing semantic whenever possible
- We are delaying the definition of the other Services (e.g. Copy, FaxIn) until Scan is complete

- **What We're NOT Doing**

- We are not defining complex services or work flow

## Network Scan Service

- Use Cases and Requirements is in PWG formal vote
- Semantic Model and Service Interface specification is progressing
- XML Schema and associated WSDL is closely tracking the progress made in the specification
- A protocol binding should follow

# Next Steps/Schedule

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- Work on specification of Scan objects, attributes, values, operations and parameters that meet defined requirements
- Align current specification with WS-Scan

# More Info/How to participate

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- The group maintains a Web Page and WIKI pages
  - <http://www.pwg.org/mfd/>
  - <http://pwg-wiki.wikispaces.com/MFD>
- You can subscribe to the MFD mailing list by sending an e-mail to [majordomo@pwg.org](mailto:majordomo@pwg.org) with a blank subject line and a message of:
  - subscribe MFD
- The group holds periodic phone conferences
  - Dates, call numbers and agenda are announced on mail list and listed on the PWG Google Calendar
  - <http://www.google.com/calendar/render?cid=istopwg%40gmail.com>