



PWG Plenary Status Report

MFD Working Group

April 17, 2007
Phoenix, AZ
PWG F2F Meeting

Purpose of the effort



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 ready for 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
- Other Services of Multifunction Devices will reuse semantics from Print and Scan whenever possible

Work Items for the WG



- **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

Current Status



Network Scan Service

- Use Cases and Requirements ready for 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



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

More Info/How to participate



- 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 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>