

PWG Plenary Status Report

MFD Working Group

August 14, 2008
Camas , WA
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 near completion
 - Use Cases and Requirements specification completed formal PWG vote
 - Semantic Model and Service Interface specification is ready for Last Call. 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 was limited to Scan
- Work is beginning on a Resource Service
- Evolve the XML Schema in parallel with the specifications
 - Separate common information from service specific information
 - Reuse existing semantic whenever possible
- We are about to begin definition of another Service (e.g. Copy, FaxIn)

- **What We're NOT Doing**

- We are not defining complex services or work flow

Current Status



Network Scan Service

- Use Cases and Requirements Completed PWG formal vote
- Semantic Model and Service Interface specification is ready for Last Call
- XML Schema and associated WSDL matches the specification
- A protocol binding should follow

Next Steps/Schedule



- Move Network Scan Service to Last Call and Formal Vote
- Work on specification of Resource Service objects, attributes, values, operations and parameters
- Select the next MFD Service to model
 - Create a straw man proposal to begin discussion

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>