

1 **PWG MFD Working Group Teleconference Meeting Minutes**  
2 **September 10, 2009**

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4 **Attendees:**

5 Nancy Chen, Oki Data  
6 Lee Farrell, Canon  
7 Ira McDonald, High North, Inc.  
8 Bill Wagner, TIC  
9 Peter Zehler Xerox

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11 **1. Identify Minute Taker** – Nancy Chen

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13 **2. Approval of minutes from last face-to-face meeting:** [ftp://ftp.pwg.org/pub/pwg/mfd/minutes/pwg-fff-mfd-](ftp://ftp.pwg.org/pub/pwg/mfd/minutes/pwg-fff-mfd-minutes-20090819-20.pdf)  
14 [minutes-20090819-20.pdf](ftp://ftp.pwg.org/pub/pwg/mfd/minutes/pwg-fff-mfd-minutes-20090819-20.pdf)

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16 No objection to the minutes.

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18 **3. PWG process**

19 Attendees were informed that the meeting is held in accord with the PWG Intellectual Property Policy.  
20 There was no objection.

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22 **4. Agenda bashing**

23 No change to the agenda were suggested.

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25 **5. Discuss Issues in the Interim Draft of FaxOut Service Specification**

26 (FaxOut Service specification under discussion: [ftp://ftp.pwg.org/pub/pwg/mfd/wd-mfdfaxoutmodel10-](ftp://ftp.pwg.org/pub/pwg/mfd/wd-mfdfaxoutmodel10-20090909.pdf)  
27 [20090909.pdf](ftp://ftp.pwg.org/pub/pwg/mfd/wd-mfdfaxoutmodel10-20090909.pdf) )

28 **1) Outstanding Issues Discussed Again**

29 (1) Is CoverSheet a per destination item or per job item?

30 The conclusion from June face-to-face meeting was CoverSheet should be a per job item.  
31 Since we do not know of any implementation that provides CoverSheet per destination,  
32 Xerox has implementation for multiple destinations in a FaxOut job but provides the same  
33 coversheet for all destinations. We concluded again that CoverSheet is a per job item.

34 (2) Fax completion logging and removal of jobs from JobHistory

- 35 • The log should provide some minimum information for meeting fax legal compliance in  
36 each country.
- 37 • We agreed that JobHistory is not mandatory, but if it is implemented a job must be  
38 retained in JobHistory for a minimum of 300 seconds (5 minutes). For statutory and  
39 regulatory purpose, a job must enter the log during negotiation of a phone connection.  
40 JobLog, like JobHistory, is a part of job processing function.

41 (3) Remote Access to Job Log/History

42 There is a URL provided for accessing the log; it's implementation specific regarding what  
43 the content of the log is, and how it's implemented.

44 (4) How much of the modem MIB needs to be included in the Modem subunit?

45 Pete still has not found any modem expert to provide the input. Ira volunteered to work on  
46 this based on his experience with Samsung, Sharp, and Xerox.

47 **2) FaxOut Specific Terminology**

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- 49 • We agreed to add <service>Document in MFD Overall document, and delete  
50 FaxOutDocument from the spec. The definition of a service device should remain in service  
51 specification.
  - 52 • The definition of FaxOut Device needs to be clarified.
  - 53 • The discussion was sidetracked to Copy Service and its interface diagram in the Overall  
54 Document because of issues related to <service>Document. It was determined that –
    - 55 ○ There is a hardcopy input and hardcopy output for Copy Service, but the intermediate  
56 document processing is optimized within the Copy Service and never exposed to the  
57 end user. Therefore Copy Service must not have a document object. On the same  
58 token, there is no “AddDocuments” operation for Copy Service either.
    - 59 ○ FaxOut Service does fax out digital documents, and can “AddDocuments” to a job.
    - 60 ○ Copy is not a Scan-to-Print. There is no way to have a Copy SaveJob operation  
61 because there is no document object exposed to user for re-print later. Therefore,  
62 there should not be “Copy-to-Repository” path in the MFD Service Primary  
63 Interface diagram of the Overall Document. Copy Service has jobs, bur no document,  
64 has only input and output processing, and intermediate data that is opaque to end  
65 user. If needed, workflow can be written on top of the basic Copy services to include  
66 more complex functions such as proof-print, save-job, ..., etc.

66 **3) FaxOut Service Model Overview**

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- 68 • The duration of job maintained in JobHistory will be changed to a mandatory, minimum of  
69 300 seconds (5 minutes).
  - 70 • FaxIn has 0 or 1 document, FaxOut has 0 or more documents, Copy has 0 document.

70 **4) FaxOutServiceDescription**

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- 72 • This element is extended from the “ServiceDescription” base class.
  - 73 • ResourcesSupported make sense in Resource Service that represents the Resources supported  
74 by the Service. But in other services, it represents the resident/installed resources available  
75 to the service. One argument is that these are AvailableResources in System object and  
76 should be accessible to all services. Opposing to this is that certainly some resources such as  
77 some fonts is limited only accessible to Print Service, not accessible to FaxOut Service.  
78 Therefore there must be some way or indicator to restrict some available resources only  
79 accessible to certain services. One proposal is to add such indicator as the property of the  
80 Resource object. Hence the Resource Service spec needs to be updated with the new  
81 property in the Resource object. Another proposal is to use the extension point of the  
82 Resource object that allows a vendor who needs to limit the use of a resource to certain  
83 services to indicate that in the Resource property. However the vendor’s extension property  
84 will need to be registered with IANA. One objection to the proposal is that this type of  
85 restriction is not uncommon, thus there should be a standard way to provide the indicator.  
86 Pete will investigate what should be made in Resource Service for this indicator.

86 **5) FaxOutDocumentProcessing**

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- 88 • The table of elements still contain many items already in the Overall Document. Those  
89 elements will be removed and users will be referred to the Overall document.
  - 90 • JobSheets is not needed because in Print there are system level and document level cover  
sheet.

- JobAccountingSheet is removed because Job Log and JobHistory are job accounting sheets. Also the model provides ConfirmationSheetPrint in ServiceDescription to print the accounting sheets already.

## 6. Next Step

- Pete will continue to update the FaxOut document and Schema.
- Pete will start to draft the straw-man Copy Service spec.
- Bill Wagner will publish the updated MFD Overall spec around next week.
- Next teleconference is in two weeks on September 24, Thursday, 3pm EDT.
- The MFD System spec will be available after the next teleconference.