

1 **PWG MFD Working Group Teleconference Meeting Minutes**
2 **November 19, 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**

14 The last teleconference meeting minutes: <ftp://ftp.pwg.org/pub/pwg/mfd/minutes/pwg-mfd-minutes-20091112.pdf> was approved without change.

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17 **3. PWG process**

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

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21 **4. Agenda bashing**

22 Review the rest of Copy Service specification beginning at Section 8:
23 <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdcopymodel10-20091007.pdf>

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25 **5. Discuss Copy Service Specification Beginning Section 8.**

- 26 • Global editorial changes:
- 27 ○ Remove “The” before the name of an XML element.
 - 28 ○ Add “,” after “For example”, add “.” At the end of sentence.
 - 29 ○ “i.e.” should be “i.e.,”
 - 30 ○ Search for Schema diagrams that needs to be updated.
- 31 • Line 429 – MFD specifications => should be singular. Bill will let us know the exact title
32 of the document.
- 33 • Section 8.3 :
- 34 ○ Pete will change the diagram to show CopyJobTicket element instead of
35 CopyJobTicketType.
 - 36 ○ Line 438 strike “and a subset...” till the end of the sentence – irrelevant to
37 CopyJobTicket.
 - 38 ○ Line 447: add “the” before “user”.
 - 39 ○ Line 448 – “apply” => “is applied”
 - 40 ○ Line 462 – reference to [Print] – pete to fix.
- 41 • Section 9. :
- 42 ○ Line 494: Change “Subunits” to “the types of Subunits” so that singular form of
43 each subunit name can be used here. Pural form of the subunits used in XML
44 Schema represents multiple instances of the subunit type. “InputChannel” in the
45 XML schema should be plural; Pete will check and fix.

- 46 ○ Line 496: Change the last sentence to “There are no PWG standard subunits
47 unique to the CopyService.”
- 48 ○ Move Section 9 up to Copy Service Model Overview.
- 49 ○ VendorSubunit contains mandatory elements, as a vendor extension, should be
50 described in MFD Overall document. Added to the end of the list of subunits
51 “and optionally VendorSubunit.”
- 52 ○ Pete will make sure the use of plural vs. singular subunit is consistent throughout.
- 53 ● Section 10 Theory of Operation – This section is also described in the MFD Overall
54 document, no Copy Service specific contents. Keep this section but have a reference to
55 MFD Overall document.
- 56 ● Section 11 Copy Service Interfaces
- 57 ○ Missing operations (CancelJobs / MyJobs, various Set operations) added in the
58 last face-to-face are now in Schema.
- 59 ○ This section should only reference MFD Overall document for all the operations,
60 but add a table to clarify the naming convention for operations in Copy Service
61 and differences with other Services. For example, Copy Service does not have
62 Set/Get operations on documents, because it does not expose document objects.
- 63 ○ Change ValidateCopyJob => ValidateCopyJobTicket which is used in the MFD
64 Overall document; It validates the job ticket before job creation. WS-Print &
65 WS-Scan do not have the operation. Publish Errata for Print & Scan
66 specification. Pete to fix the schema & document.
- 67 ○ Pete reported that he has been working on various Set operations in Print Service
68 schema: SetPrintDocumentElements, SetPrintJobElements,
69 SetPrintServiceElements. Request Message of these operations has sparsely
70 populated tree with the elements to be set. An alternative is to have the set of
71 elements to be set, each has the Xpath and a datatype qualified value of the
72 elements to be set. Response Message only returns UnsupportedElement
73 currently. The issue is how to represent elements not support vs. elements that
74 cannot be set because of access right issue, ..., etc. How should the results be
75 represented in the response message? A complete failure handling fit web service
76 paradigm better; if failed, tell you why. IPP set printer attributes operation
77 requires consistency check of the set value across the constraints of all IPP
78 attributes. Pete plan to have this discussion topic in Dec Face-to-Face meeting.
79 Fully atomic (failed if any one failed)? Or best effort? Or complete failure
80 handling?

81 82 **6. Next Steps**

- 83 ● Teleconference in two weeks on Dec. 3, Thursdays, 3pm EDT.
- 84 ● Pete and Bill quickly publish updated documents and XML schema ready for face-to-face
85 meeting within a few days.
- 86 ● There will be no further document review in the next teleconference, only planning of
87 MFD WG agenda for the face-to-face meeting.