

1 **Meeting Minutes**
2 **PWG MFD Working Group Teleconference**
3 **March 27, 2008**

4 **Attendees:**
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|-----------------|-----------------|
| Nancy Chen | Oki Data |
| Lee Farrell | Canon |
| Mike Fenelon | Microsoft |
| Ira McDonald | High North Inc. |
| Glen Petrie | Epson |
| Bill Wagner | TIC |
| David Whitehead | Lexmark |
| Peter Zehler | Xerox |

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8 1. The last teleconference meeting minutes was accepted without change.
9 2. Pete reported that many Xerox internal data binding tests showed in various collections of elements
10 should have element decorated with an attribute that can be identified as the key. Data type is not
11 sufficient to be identified as the key. This is for code generator to identify an instance of an object.
12 Some elements such as Job has a Job Id already. Pete will modify the schema to add this optional
13 attribute to elements that requires a key. We agreed to this change.
14 3. Discussions on Model Semantics and Service Interface document beginning section 6.7.2.3. The
15 document file updated from the last teleconference is [ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-](ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdscanmodel10-20080310.pdf)
16 [mfdscanmodel10-20080310.pdf](ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdscanmodel10-20080310.pdf).
17 Section 6.7.2.3 Job Processing Capabilities
18 - "JobHoldUntil" and "JobHoldUntilTime" both can be supported as capabilities. But in a job
19 request, one can only specify either or them in the Scan Job Processing element. We agreed to
20 the semantics.
21 - "JobPhoneNumber" : The current semantics is ambiguous. We agreed that it must be clear that
22 this is the job originator's (owner) phone number.
23 Section 6.7.3 Scan Service Configuration
24 - "InputTrays": How do we represent ADF, platen, film reader in Scan Service Configuration? As
25 an instance of InputTray? ADF is more like a media path. It may have some properties of
26 OutputTray. We agreed to use a new subunit distinct from the media path of all other services
27 called ScanMediaPath. It contains some properties of InputTrays, OutputTrays, and MediaPath.
28 The ScanMediaPath has a type property (ADF, platen, film reader), each has properties such as
29 maximum media dimension, resolution, duplex/simplex, capacity. Pete will create a strawman
30 model of the ScanMediaPath for discussion in the next face-to-face meeting.
31 - "OutputChannel" subunit is missing from the Configuration. In Scan Service we need it for
32 pushing the scan document data out of Scan Service. We agreed to add this element.
33 - "InputChannel" subunit is also missing from the Configuration. We agreed that this is required
34 for input of scan instructions. It's a job submission protocol with some other properties: ID, state
35 (accepting jobs), link to Interface subunit instance, channel type (parallel/serial with applicable
36 protocol); Default JCL is mapped to JobTicket encoding; default PDL is irrelevant and removed.
37 - "InputTrays" We agreed this does not apply to Scan any more since we agreed to replace it with
38 ScanMediaPath.

- 1 - “Interfaces” : We agreed this has the same semantics from IPP.
- 2 - “Interpreter” can be generalized as a “Transformer” that transforms print document into print
- 3 languages. We agreed that a Transformer subunit is essential for MFD Transform Service. It is
- 4 the central subunit for all services that need external image processing. However the transformer
- 5 subunit can not be thoroughly specified until the Transform Service is specified. For now we
- 6 agree to add a placeholder for the “Transformer” subunit in Scan Service Configuration and it is
- 7 an optional subunit for Scan Service.

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9 **4. Next Steps:**

- 10 - Pete will update the Model document and schema within a week for review at the next face-
- 11 to-face meeting.
- 12 - No teleconference before the face-to-face meeting unless we have comments for the PWG
- 13 Last Call for the Requirement document. In that case there will be a teleconference before the
- 14 face-to-face meeting to only discuss and resolve the issues raised for the Requirement
- 15 document.

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