

1 **Meeting Minutes**
2 **PWG MFD Working Group Teleconference**
3 **November 15, 2007**

4 **Attendees:**
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Nancy Chen	Oki Data
Mike Fenelon	Microsoft
Lee Ferrell	Canon
Ira McDonald	Blue Roof Music Inc.
Glen Petrie	Epson
David Whitehead	Lexmark
Peter Zehler	Xerox

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- 8 ■ The meeting minutes from Oct. 8, 2007 was accepted with a comment from the Chair Peter
9 Zehler: The minutes mentioned that securely storing scan document can be done by user
10 authentication at the MFD local UI; that does not mean there is a requirement for MFD local UI.
11 This is just one way of allowing users to provide authentication information in order for the Scan
12 Service to store a scan document in the user's security context, if the implementing vendor has
13 such requirement. Also that the user's rights associated with the document are whatever have
14 been set up in the document repository for the specific user, is outside the scope of Scan Service.
15 The Scan Service can store the document only if it has appropriate access rights under its own or
16 the user's security context. The Scan Service does not control a client's access rights to the
17 documents in repository.
 - 18 ■ We continued the review of the Scan Service working draft (the same was used in the past two
19 teleconferences : <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdscan10-20071018.pdf>).
 - 20 ■ Section 9 comments –
 - 21 ○ Page 29 Line#733 : there are only two elements in capabilities which is updated to new
22 definition already.
 - 23 ○ The JobStateReasons element in the schema should be optional, and if JobStateReasons
24 is used, there must have at least one job state reason.
 - 25 ○ Line#741 : there are only two job queues.
 - 26 ○ Scan Document throughout the document should have initial caps.
 - 27 ○ Line #751: retrieving scan document should be removed.
 - 28 ○ Line #754: Scan job template and scan job ticket should have initial caps.
 - 29 ■ Line# 797 : remove all references to IPP, in the description text for Service State Diagram and
30 Service State Table.
 - 31 ■ Page 35 the service state transition table by events – How can a job end when a service is
32 paused?
 - 33 ○ It can't. The "Pause" operation stops the processing (mainly shuts the output) of the job,
34 the job can't complete. "Cancel" is a separate job operation.
 - 35 ○ "Disable" only affect the acceptance of new jobs.
 - 36 ■ Page 36 - Is there any scan specific state reasons ? None identified so far.
 - 37 ■ Sections 9.2.1.8 ~ 9.2.1.12 : Need to provide the definitions of any new schema element and
38 provide references to the definitions in WIMS and IPP specification for those already exists in
39 PWG semantic model. The schema diagrams also need to be updated. Pete will provide quick
references to the existing definitions in the current PWG Semantic Model.

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- Page 38 Line #892: Is there initial limitation on the number of documents per job?
 - This limitation only means that the Scan Service allows single or multiple document per job, but only single document job is mandatory to support. One can declare a single/multiple document job by specifying a file/directory in the scan destination attribute, or by specifying single/multiple document support in Scan Service. The Scan Service always push scan document out to the scan destination which can be on the Scan Client PC, or local to the Scan Service. The Scan Client can simply use local file access to retrieve the document from the PC or the Scan Service can retrieve the document for the Scan Client using local file access or ftp or http get to retrieve the document from local repository. “RetrieveDocuments” and “RetrieveImages” operations in Scan Service have been removed.
 - In the current schema, ScanJobTicket and ScanJobReceipt are optional. The default ScanJobTicket is used if a user does not supply a ScanJobTicket. A ScanJobReceipt is not present until a scan job is completed processing.
 - Page 40, JobState should be mandatory in the schema.
 - Page 41 -
 - Line 931: change “server” to “service”. JobId must be unique within the Service.
 - Line 935: should “paused” be added to Job State?
 - “Paused” is one of the reasons that caused the “ProcessingStopped” state.
 - Page 42, Should GetScannerElement be GetScanServiceElement?
 - GetScannerElement is consistent with GetPrinterElement, both are service operations. However GetScannerElement returns all information in Scan Service elements that include the scanner subunit used.
 - Decision: change to GetScanServiceElement.
 - We agreed to the proposal that GetScanDocumentElements(JobId, DocId) should be added to Scan Service interfaces since the service now supports multiple documents.
 - Page 43,
 - We agreed to the proposal that Activate/Deactivate should be removed. WIMS has eliminated “Activate” and “Deactivate” operation because they have the same behavior as startup and shutdown. This has been discovered by many implementers of IPP.
 - Do we need a “ReplaceTemplate” operation? We can simply use a “DeleteTemplate” and then a “PutTemplate”. “PutTemplate” should have the behavior of create or modify and might need to provide an error code when a template can not be put.
 - A proposal was made to remove different flavors of Pause operation (e.g. PauseAfterCurrentJob) and collapse them into one with an ENUM parameter – in WIMS, this is used. We should reconsider the necessity of these operations (e.g. HoldNewJobs).
 - Next Steps:
 - Update the working draft for the face-to-face meeting.
 - Pete and Nancy will get Schema and WSDL file modified, and update the schema diagrams in the working draft, flush out the definitions of Scan Service elements.
 - Members are encouraged to recommend new elements/attributes required for the Scan Service schema.
 - Discuss the added definitions and the details of Scan Service elements in the next face-to-face meeting.
 - **Next Teleconference: December 6, 2007, Thursday, 3pm EDT.**

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- **To discuss the status slides and agenda for the face-to-face meeting.**
- **Discuss any problem with the updated working draft.**