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Meeting Minutes PWG MFD Working Group Teleconference May 8, 2008

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Attendees:

Nancy Chen	Oki Data
Mike Fenelon	Microsoft
Lee Farrell	Canon
Brett Green	HP
Ira McDonald	High North Inc.
Jerry Thrasher	Lexmark
David Whitehead	Lexmark
Peter Zehler	Xerox

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- 8 • Pete briefed the meeting agenda:
 - 9 1. Approve last meeting minutes
 - 10 2. Review any further comment before Section 6.5.1 after last teleconference
 - 11 3. Continue the review of the Model document after Section 6.5.1
 - 12 • The meeting minutes for the last teleconference meeting was accepted without change.
 - 13
 - 14 • Status of Closing PWG Last Call for Scan Service requirement document
 - 15 - Pete reported we are still short of 1 company to confirm they have reviewed the document
 - 16 and have no further comment. PWG procedure requires at least 8 such member companies in
 - 17 order to move the document for a formal PWG vote. The Last Call period was automatically
 - 18 extended again because of insufficient voting members.
 - 19 - Mike reported MS PM is reviewing the document.
 - 20 - **Action Item:** Pete continues to obtain at least one more voting member.
 - 21
 - 22 • Review of comments/open issues before Section 6.5.1
 - 23 - None reported.
 - 24
 - 25 • Continue the review of the Model document after Section 6.5.1
 - 26 1. Section 6.5.1 Scan Job Receipt
 - 27 - This is a Scan Job Ticket that contains processing element values that are actually used by
 - 28 Scan Service.
 - 29 - Is there a way to tell which element is a default supplied by Scan Service?
 - 30 ▪ You will need to query the original ticket and compare the elements of the two.
 - 31 ▪ There is no plan to tag which element is defaulted.
 - 32 2. Section 6.5.2 Scan Job Status
 - 33 - This element contains items inherited from ImagingJobStatus.
 - 34 - Section 6.5.2.15 NumberOfInterveningJobs: Reused from IPP, this element is the number of
 - 35 jobs in queue not in your particular queue view.
 - 36 - Section 6.5.2.8 JobState: **Pete will add reference from the spec. to the Job State Transition**
 - 37 **Diagram.**

- 1 3. Section 6.5.3 Scan Job Ticket: Pete mentioned that this element is a modeling improvement
2 compared to IPP's in that IPP does not provide JobDescription element in their job ticket. In IPP
3 it's called job template.
- 4 - Section 6.5.3.1 Scan Document Processing: Pete explained that this element contains a lot of
5 elements that will eventually be included in Transformation Service. It's preferable to not to
6 have to write a workflow to use Scan Service capabilities such as AutoSkewCorrection. But
7 they are optional to implement.
 - 8 - Section 6.5.3.1.6 Destination: the URI where scan document data are to be stored need a
9 corollary capability element that specifies the URI scheme the service supports. This is
10 the same as destination URI supported in IPP.
 - 11 - Section 6.5.3.2.2 MediaBox: This is applicable for document format such as PDF that has
12 the concept of media box.
 - 13 - Section 6.5.3.1.12 OriginalType: Mike reported in WS-Scan, this is named
14 "ContentType". Ira recommended to add verbiage to the definition to indicate the type is
15 a "Hint" to Scan Service for how to process the data.
 - 16 ■ **Pete will adjust the definition as Ira recommended.**
 - 17 ■ **Pete will change it to ContentType.**
 - 18 - Section 6.5.3.1.13 OutputDocumentColor:
 - 19 ■ Mike reported that in WS-Scan, this element contain keywords that describe a
20 combination of all the keywords of this element's four member elements.
 - 21 ■ **Pete will change the definition and schema to be consistent with WS-Scan.**
 - 22 - Section 6.5.3.1.18 SinglePageFile: This element has evolved into DocumentOutputMode,
23 thus **will be removed.**
 - 24 - Section 6.5.3.2 Scan Job Description: This element is inherited from ImagingJobDescription
25 class.
 - 26 - Section 6.5.3.2.1 ElementsCharset and Section 6.5.3.2.2 ElementsNaturalLanguage: Pete
27 commented both are character set in language for system generated character strings.
 - 28 ■ **Decision: Drop "ElementsCharset. Since we are going to use UTF-8 encoding.**
 - 29 - Section 6.5.3.2.5 JobMandatoryElements: Pete explained that this is the alternative
30 element for a non-XML binding to "MustHonor" element in XML schema.
 - 31 ■ Ira recommended that the document should state that an XML binding should not
32 supply this element, should use "MustHonor" attribute in the ticket elements
33 instead.
 - 34 - Section 6.5.3.2.6 JobMessageFromOperator:
 - 35 ■ Ira recommended to add "JobMessageToOperator" like IPP did.
 - 36 ■ **Pete will add JobMessageToOperator. Both are description element.**
 - 37 - Section 6.5.3.2.10 JobPasswordEncryption: Missing keywords for encryption algorithms.
 - 38 ■ **Pete will add keywords for encryption algorithms**
 - 39 - Sections 6.5.3.2.12, .13, .14, .15:
 - 40 ■ These four template element will become the description elements in the future
41 Template element structure.
 - 42 ■ **Ira recommended to change TemplateId to TemplateGUID/UUID.**
 - 43 ■ **Pete will change the TemplateId to TemplateGUID/UUID**
 - 44 - Section 6.5.3.3 Scan Job Processing
 - 45 - .Section 6.5.3.3.3 JobMessageToOperator:
 - 46 ■ Ira: Pefer to have JobMessageToOperator and JobMessageFromOperator both in
47 Job Description.
 - 48 ■ **Peter will add them both to JobDescription element.**

- Section 6.6.2 Scan Document Status:
 - Section 6.6.2.5 DocumentAccessErrors:
 - Ira: should this be plural?
 - **Pete will double check the IPP document for the correct name.**
 - Section 6.6.2.6 DocumentNumber:
 - DocumentNumber once assigned is invariant. In IPP deleting a job does not change DocumentNumber.
 - **Pete will add them in definition.**
 - Section 6.6.2.10 ErrorCounts, 6.6.2.18 WarningsCount:
 - Should this be plural?
 - **Pete will check IPP spec.**
 - General comment: URI should all be capitalized. But keyword, token will not change to be consistent with IPP.
 - **Action: Pete will check against existing definitions.**
 - Section 6.6.3.1 Scan Document Description
 - Section 6.6.1.1:
 - Issue on “Compression”: this should be a processing element for scan as opposed to print’s use as a descriptive element.
 - YES, follow the same logic as the use of digital signature – verified in incoming document in print, but output document in scan.
 - **Pete will move it to processing element section.**
 - Section 6.6.3.1.3 DocumentDigitalSignature: **move to processing element section.**
 - Section 6.6.3.1.7 LastDocument:
 - Ira: If this element is omitted, its value is ‘false’.
 - This is a flag to be used in scan interface protocol, not for decorating the document object. This flag tells you when to close the scan operation.
 - If we have a Close Job operation, the semantic of it should state it will force the bit of LastDocument flag.
4. Section 7 Theory of Operation
- No issues.
5. Section 8 Scan Service Interface
- Section 8.1.2 CloseScanJob:
 - Should this be required?
 - **YES** – is the consensus.
 - Section 8.1.3 CreateScanJob:
 - There is no job originator for this operation. It relies on WS-Scan protocol to authenticate a job.
 - **Pete will make sure parameters align with WS-Scan.**
 - Section 8.1.3.2 typo in CreateScanJobRSpone => should be CreateScanJobResponse.
 - Section 8.1.4 GetActiveJobs & Section 8.1.5 GetJobHistory
 - Issues 15&16 : The parameters of the operation are yet to be defined.
 - Mike: we should have JobSummary as the return element instead.
 - **Pete will add JobSummary to the model and operations.**
 - Section 8.1.6.2 GetScanJobElements Response:
 - Issue 17: Currently this operation returns everything in ScanJob. Need a new type so that status is not mandatory in response.
 - **Decision:**

- The requested elements are the keywords for the top level elements.
- The response returns the entire group(s) requested.

- **Next Steps**

- **Next teleconference is Thursday on May 29, 2008, EDT 3pm.**
- **Pete will update Scan Service Schema and model document, ready for review in two weeks.**
- **The first Template Service document hopefully will be ready at the same time.**
- **For the next teleconference, the Scan Service model document will be reviewed first, followed by Template Service document.**