

1 **PWG MFD Working Group Teleconference Meeting Minutes**
2 **August 6, 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-mfd-](ftp://ftp.pwg.org/pub/pwg/mfd/minutes/pwg-mfd-minutes-20090723.pdf)
14 [minutes-20090723.pdf](ftp://ftp.pwg.org/pub/pwg/mfd/minutes/pwg-mfd-minutes-20090723.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. Overview of recent schema changes**

26 Pete showed the root of the updated schema is now 'System'. Under 'System' there are Devices,
27 Agents, Managers, SystemStatus, SystemDescription, SystemConfiguration, and Services.
28 SystemStatus/Description/Configuration are no longer derived from the Services' base classes.

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- SystemConfiguration – no change from System level.
 - Each service now has service-specific configuration which is a sequence of subunits applicable to the service. Every Service now has 'Processors' subunit, e.g. of a print engine/imaging co-processor, but not a system CPU.
 - FaxModem, OutputTray, Finisher subunits should be removed from Scan Service Configuration. Scan Service does not have a marker, couldn't have an OutputTray neither Finisher. Scan Service's InputTray is modeled as 'ScanMediaPath' – a printed media. InputTray must contain media to be marked, OutputTray must contain media that have been marked.
 - FaxInConfiguration is missing InputTray.
 - FaxOutConfiguration has InputTray for printing confirmation page.
 - OutputChannel should be removed from PrintServiceConfiguration.
 - 'Processors' should be removed from Resource Service Configuration. The only subunit that could be involved in processing is Console.
 - The Interpreter of Transform Service means transformer.
 - SystemDescription –
 - We discussed which elements should be in the following four categories: (1) the system element has the value global to all services, (2) the system element has the default value of
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47 that in all services, (3) the system element has the roll-up of all services, (4) the system
48 element has the value that can be overwritten by each specific service.

49 ○ Conclusions:

- 50 ■ The system element has the value global to all services:
 - 51 - MakeAndModel
 - 52 - CurrentTime
 - 53 - SystemInfo
 - 54 - SystemLocation
 - 55 - SystemName
 - 56 - SerialNumber
 - 57 - SystemConfigChangeNumber
 - 58 - MoreInfoUriName
 - 59 - MoreInfoManufacturerUri
- 60 ■ The system element has the default value of all services on system:
 - 61 - CharSetConfigured
 - 62 - CharSetSupported
 - 63 - NaturalLanguageConfigured
 - 64 - NaturalLanguageSupported
 - 65 - RepertoiresSupported
- 66 ■ The system element has the roll-up of all services to system:
 - 67 - AvailableResources
 - 68 - DevicesSupported
 - 69 - ServicesSupported
 - 70 - ConditionTable
 - 71 - State
 - 72 - StateMessages
 - 73 - StateReasons
 - 74 - SystemTotals
- 75 ■ The element is specific for system and each service.
 - 76 - OwnerURI
 - 77 - OwnerVCard
 - 78 - MessageFromOperator
 - 79 - UpTime
 - 80 - CreateDate
 - 81 - DeviceId : in Windows this is p1284 device id used to load drivers (for
 - 82 WSD print/scan). It is often the same system unique DeviceId for some
 - 83 MFD implementations.
 - 84 - OperationsSupported
 - 85 - VersionsSupported
 - 86 - ServiceURISupported
 - 87 - XriSupported
 - 88 - AccessModes
 - 89 - MessageDateTime
 - 90 - MessageTime
 - 91 - NaturalLanguage : This should be NaturalLanguageConfigured in
 - 92 system or services.

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6. Next Steps

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- Pete will have updated Schema, updated FaxOut document, initial draft for Copy Service.

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- Bill will have an update MFD overall document for face-to-face meeting.

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- Pete will add Norbert's MediaSizeNameExtensionPattern issue in the face-to-face meeting agenda

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- Next meeting is August face-to-face meeting.

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