

# MFD Face-to-Face Minutes

## April 4, 2011

Meeting was called to order at approximately 1:00pm local on April 4, 2011.

### Attendees

Nancy Chen (Oki Data)  
Jochen Faas (EFI)  
Till Kampeter (The Linux Foundation)  
Tim McCann (Konica Minolta)  
Ira McDonald (High North/Samsung)  
Andrew Mitchell (HP)  
Glen Petrie (Epson)  
Krithika Santhanam (EFI)  
Amir Shahindoust (Toshiba)  
Craig Shifman (Konica Minolta)  
Michael Sweet (Apple)  
Jerry Thrasher (Lexmark)  
Henning Volkmer (CEO, ThinPrint/Cortado)  
Bill Wagner (TIC)  
Lida Wang (Kyocera)  
Rick Yardumian (Canon)  
Pete Zehler (Xerox)

### Agenda Items

1. IP Policy and Minute Taker
  - a. Policy accepted with Mike taking the minutes
2. Status
  - a. MFD Model in PWG Formal Vote - please cast your vote!
  - b. MFD Copy in PWG Last Call - please review and respond!
  - c. MFD FaxOut waiting for MFD Copy to clear, then to last call
  - d. MFD Scan will need an update to accommodate IPP Scan and use MFD Model
  - e. MFD Print could be updated to use MFD Model
3. MFD Copy review
  - a. Current comments all resolved (all editorial)
  - b. Q: No documents, but have DocumentProcessingOptions? There are documents internally but they are not exposed outside the service (internal representation only) - see section 6
  - c. Section 2: "Summary" should be "Overview", add forward reference to section 6
  - d. Action: Mike to send email to Pete concerning table-of-contents styles
  - e. Q: How to name services? In service specs, exclusively use the concatenated name, e.g. "CopyService"
  - f. Section 3.2: "Service Specific" instead of "Content Specific"
  - g. Title Case All Section Headings
  - h. Section 3.4: MFD Overall -> MFD Model and Common Semantics
  - i. Add section 4.2 use cases with pointer to MFD Model
  - j. Section 4.2: Remove reference to charter (OOS all on their own)
  - k. Section 5: Fix overall MFD reference to MFD Model.
  - l. Section 5: Line 243, change to "there can be multiple instances of a CopyService"
  - m. Line 278: Fix naming and add reference to SystemServiceStatus (instead of PWG service status)
  - n. Q: Keep 300 seconds in Copy spec? Yes, not specified in Model (no conformance requirements in model), and will use 300 seconds as the requirement for all services.
  - o. Line 322: Double period, remove parens
  - p. Line 337: Containter
  - q. Line 349: "Descriptive" should not be capitalized
  - r. Line 374: Drop "implementation specific" - just "at least 300 seconds".
  - s. Figure 10: Schema uses both "In" and "Out" and "Input" and "Output". Use "CopyInput" and "CopyOutput"
  - t. Various text changes to refer to "CopyInput" and "CopyOutput" instead of "In", "Input", "Out", or

- "Output".
  - u. Table 3: Check italic/bold and commas between ElementsNaturalLanguage and JobId(s).
  - v. Table 4: Newline before "Name | Name", missing commas
  - w. Table 4: Drop StartupCopyService
  - x. Q: Allow UUID for targets? No, always local Id; address in System Control Service spec
  - y. Section 10.1: Copy Client instead of client or Client
  - z. Line 488: NEED NOT -> MAY
  - a. Line 492: "an operation might" instead of "an operation may" to avoid using a conformance word
  - b. Section 4: "Requirements", not "Rationale"
  - c. Section 15: Drop "Canon" from Lee Farrell
4. MFD Model Issues
- a. Issue: NaturalLanguageSupported is a single-valued (need to fix schema to make it multi-valued and update Table 52 and Figure 80), generated-natural-language-supported is the name in IPP (so need a note in the MFD Model spec)
  - b. Issue: CharSetConfigured and CharSetSupported are currently optional, but mandatory in IPP; fix schema and regenerate Figure 80 of Model
  - c. Issue: QueuedJobCount is optional in Model and required in 2911; fix schema and updated Figure 83 of Model
  - d. Fix references to RFC 2911 in Table 52 of MFD Model
  - e. Need no vote with technical comments
  - f. Also need editorial comment for Table 79 to drop Startup<service>Service.
  - g. Issue: Fix schema to show SystemControlService instead of SystemService
5. MFD System Object and System Control Service
- a. <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdsystemservicemodel10-20110324.pdf>
  - b. Issue: Power service spec, we can set values in a table, but no operation to set a row in a table atomically
    - SetSystemElements may produce invalid row
    - Need three operations: AddSystemControlTableEntry, ModifySystemControlTableEntry, and DeleteSystemControlTableEntry
    - Add creates the entry's ID, modify and delete need the entry's ID
    - Sufficient to make this specific to SystemControl service since it controls/owns the hardware
    - All other tables are associated with jobs and documents which already have operations

### Next Steps / Open Actions

- Next conference call April 21, 2011 at 3pm (EST)
- Action: Mike to send email to Pete concerning table-of-contents styles