PWG MFD Working Group Teleconference Meeting Minutes
May 28, 2009

1. **Attendees**:

Nancy Chen,	Okidata
Lee Farrell,	Canon
Ira McDonald,	High North Inc.
Glen Petrie,	Epson
Peter Zehler,	Xerox

2. **Introduction & PWG IP Policy :**
   Peter Zehler, the MFD Working Group Chairman reminded attendees the meeting is being
   conducted in accord with the PWG IP policy. No objection.

3. **Minutes Taker Assigned: Nancy Chen**

4. **Agenda:**
   There was no objection to the agenda below:
   (1) Identify Minute Taker
   (2) Approval of minutes from last meeting
   ftp://ftp.pwg.org/pub/pwg/mfd/minutes/pwg-ftf-mfd-minutes-20090514.pdf
   (3) Agenda bashing
   (4) Review Action Items from face-to-face meeting
   (5) Resource Service discussion
   (6) MFD specification discussion
   (7) Next steps

5. **Approval of Minutes from Last Meeting**
   The minutes was approved without change.

6. **Review of Action Items from the Last Face-to-Face Meeting**
   (1) SC to update PWG namespace Policy and add a section for XML Namespace for namespace
      registration:
      - SC has been made aware of this AI, and will discuss this in future meetings
      - Right now Pete already has PWG namespace posted on PWG MFD web page:
        "http://www.pwg.org/schemas/2009/4/sm" which can be used as an example namespace for
        PWG Name Policy.
      - **AI: Ira to update PWG namespace policy draft for XML namespaces.**
      - **AI: Peter to make sure that the link to the target namespace on the PWG MFD web
        page can be de-referenced to the Schema and standard specification files, similar to
        what W3C does.**
   (2) Pete to update link to the latest Scan service candidate standard (done)
   (3) Pete to fix scan service specification file name on PWG web page (done)
   (4) Need co-editors for MFD Working Group
      - Currently Bill is the one for the Overall Model specification, Pete is still looking for co-editor
        for FaxOut, and Copy services.

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7. Review of Resource Service Specification Last Call Comments/Resolutions

(Last Call Comments/Resolutions file: ftp://ftp.pwg.org/pub/pwg/mfd/wd/MFD-Resource-LastCallCommentResolution-20090522.pdf ,

Last Call Resource Service draft: ftp://ftp.pwg.org/pub/pwg/mfd/wd/lcrc-mfdresourcemodel10-20090522.pdf)

- Reviewed the added new text for Security Consideration
  - Section 12.4 Security Threats of Metadata for All Resources
    - **AI: Nancy to make sure any user, including administrator MUST not be allowed to set any metadata of the expired resources; the only operation allowed after expiration is RenewResources.**
- Reviewed the added introductory text for Figure 1:
  - Where a Resource Service reside remotely could be a client or server platform which could be a PC or workstation, …, etc.
  - **Nancy to generalize "remote PC" to "remote system".**
- Processors does not belong in Services, should be in Overall system instead.
  - Services normally is a user process which does not have privilege to obtain a view on OS-level processor load information, does not know which processor it is running on (this is normally controlled by OS transparently), and would have no way to obtain processor error information when processor has an error.
  - Should other Processor subunit properties such as DeviceDescr, DeviceStatus, DeviceError be modeled in Processor subunit?
    - This will be evolved in the on-going MFD Overall spec, not in Resource Service spec.
  - **AI: Nancy to take Processor subunit out of any Service.**
- Reviewed the updated XML Schema of Resource Service
  - DateTimeOfExpiration currently is an element of ResourceDescription, but MUST not be changed by any user (including administrator) once it's set. Hence it MUST be a ResourceStatus element. It can only be set by a RenewResource operation.
  - **AI: Pete to provide the updated Schema.**
- Nancy to retain Shah Bahtti, but remove his Samsung association from contributors list.
- Should we have binary/macro/script resource types for Executable Resources?
  - Currently we only have Firmware and Software resource types for Executable Resources. But vendors can extend their own types.
  - Resource Name can also be used to differentiate different resource types.

8. Next Steps

- Nancy to provide an updated lcrc resource service spec for SC approval for final vote. The next SC meeting is on June 18th in 3 weeks. A wd-xxx… with Stable status of the spec need to be prepared after approval for the final vote.
- **Next teleconference in two weeks: June 11, 2009, Thursday, 3pm EDT.** We will focus on the MFD Overall specification.