

# Workgroup for Imaging Management Solutions

Workgroup Session

Printer Working Group/WIMS  
Face-to-Face Meeting

Bagsværd, Denmark  
August 4, 2010

This meeting is being held in accord with the PWG Intellectual Properties Policy.

# WIMS Agenda

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- 12:30 – 12:45 Startup and Introduction
  - Intellectual Property Statement
  - Identify Minute Taker
  - Introduce Participants
  - Consider Agenda
  - Approval of last F-2-F Minutes:  
<ftp://ftp.pwg.org/pub/pwg/wims/minutes/wims-f2f-minutes-20100610.pdf>
  - Status/Action Items Review
- 12:45 – 13:45 Imaging Power Management
- 13:45 – 14:15 MPSA Article Schedule
- 14:15 – 14:30 New Action Items & Wrap-up

# Status/Action Item Review

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- Rick and Ira to review print service related MOFs, generate CRs, and submit to CIM: Continuing
- Bill/Joe to develop PWG article schedule for MPSA
- Generate background article about Power Management Model for MPSA: Open
- Bill/Ira to write draft PM article and survey for MPSA: Open
- Ira to report on PM prototyping and potential changes to PM documents as needed: to be presented at this meeting

## ➤ Power Management Model

- <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspower10-20100428.pdf>
- Received prototype announcement of Power Management MIB, which also applies to Model and MIB Spec documents
- Update will consider comments from MPSA Focus Group Discussion
- After resolution of prototype issues and WG last call, will become Stable Draft and put up for PWG Last Call

## ➤ Power Management MIB -Spec

- <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20100428.pdf>
- After resolution of prototype issues and WG last call, will become Stable Draft and put up for PWG Last Call

## ➤ Power Management MIB – (ASN.1)

- <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20100428.mib>

# Power Management MIB

## Prototype Report

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- Ira > >

# MPSA Focus Group Comments on Imaging Power Management

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1. Define power state in terms of % of full operation power consumption
2. Define power states in terms of time to come up to full operation
3. Need to be able to access status and configuration even in reduced power state
4. Providing good power consumption data vs older units.
5. Reporting/ gathering statistics on basis on components/services/subunits, not just MFD
6. Manage power via dashboard interface
7. Automatic policy setup on basis of use history

- A. Standardized tools and information to show end users what they are actually using with their old devices vs. new devices
- B. Better, faster "Instant - On" fuser heaters so that erratic workflow can be managed more effectively
- C. Decrease warm-up time to allow end-user, to feel more confident reducing "Sleep Time" delay.
- D. Development of programmable Timed Power On Facilities
- E. Pull - Printing should be encouraged - and should really be a de-facto standard



F. Power consumption management -clients are now demanding to understand their current power usage, projected refresh power usage and - more importantly – continual assessment of power usage even down to a metered level.

G. Identify factors that impact power on print equipment and devices, and indicate impact.

(e.g.

Suppressing blank pages: .025% reduction avg.

Turn off banner pages: .05% reduction avg.

Duplex default: .0003% reduction avg.

Sleep Time: 30 minutes: 20% reduction avg.

Sleep Time: 15 minutes: 21% reduction avg.)

# MPSA Liaison



## Understanding the Needs

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- There are longer term questions for users that affect device management (as well as other aspects).
  - Security issues with Imaging Device Maintenance
  - Remote access issues
  - Actual demand for /understanding of SNMPV3
  - Phase-over to management by Web-Services rather than SNMP
  - IPv6/IPSec issues
- There are longer term questions for users that affect work in other PWG workgroups. With respect to NAC for example:
  - Need for Imaging Device Network Access Control compatibility?
  - Which NAC system?
  - When?
  - What attributes?
  - Is SCCM approach worthwhile for interim?
- Other Questions?

# Information Interchange with MPSA

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- “Schedule” – sequence of articles on PWG, working groups and topics being considered
  - <ftp://ftp.pwg.org/pub/pwg/wims/white/MPSA%20Presentations%20Outline.pdf>
- Each article concludes with a link to a survey
  - Was the subject of the article of interest?
  - Would you like more information? About what?
  - Specific article-related questions (e.g.,
    - How do customer Security issues impact MPS maintenance?
    - Does SCCM support in HCD appear to offer advantages?)
- Submit proposed schedule to Jim Fitzpatrick, MPSA President

# Potential Future WIMS Projects

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- Logging
  - IDS will be considering Logging mechanism for security purposes.
  - WIMs should consider from Accounting and Maintenance purposes
- MFD MIB or MIB extensions?
  - Many attempts, of varying completeness, started in the past, especially MFD Alerts. There is some interest in reactivating this.
  - MFD group is addressing service semantics; need to address management elements
- Printer Port Monitor MIB?
  - update spec
  - interoperability testing ?
  - advance PPM to PWG standard ?
- CIM Activities?
  - CIM Printer Profile
  - MFD Elements

# Wrapup

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- Summary of Conclusions
- Schedule Estimates
- Action Items
  
- Next WIMS Conference Call:  
2 PM EDT 25 August 2010

Thanks for your participation!