

Workgroup for Imaging Management Solutions

Workgroup Session

**Printer Working Group/WIMS
Face-to-Face Meeting**

**December 7, 2010
Irvine, California**

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

Administrative Details



- Identify Minute Taker
- Introduce Participants
- Solicit Candidates for WIMS Officers
- Acceptance of Previous Minutes
(<ftp://ftp.pwg.org/pub/pwg/wims/minutes/wimslastphone.pdf>)
- Consider Agenda

WIMS Agenda



- 1:00 – 1:15 PST Startup and Introduction
 - Administrative Details
- 1:15 – 1:30 Status/Action Items Review
- 1:30 – 2:00 Imaging Power Management
 - Review of Last Call Resolution Comments
- 2:00 – 3:00 January MPSA Article Discussion
- 3:00 – 3:15 New Action Items, WIMS
Future Activities, & Wrap-up

Status/Action Item Review



- CIM efforts (retained as desirable, although there currently is no activity)
- Post face to face slides for comment by 30 November (done)
- Ira to post update MPSA Power Management article and survey questions (done)
 - Comments submitted and considered
 - Article submitted to MPSA ?
 - Article Posted?
- Suggestion of transferring MFD Printer MIB Alerts extensions to IPP group for inclusion in JPS3
- Ira to provide information on proposed printer MIB integration document

- Include MFD Printer MIB Alerts extensions in IPP JPS3
 - + Relatively small amount of information that does not justify a separate document.
 - + Alert messages used in IPP as well as Printer MIB
 - - Printer MIB is independent of IPP, and has users not involved with IPP. Information will be buried.
 - - Schedule for JPS3 is not determined. May amount to re-pigeonholing the MFD Alerts effort.
- Printer MIB integration document
 - Identifies existing MIBS necessary/desirable for Printer management
 - Defines compliance level??
 - Limited to MIBS??

Last Call Review Comments



PWG Power Model and PWG Power MIB

- (1) Editorial - replace "transitional" with "interrupt" (for states)
 - DONE - changed "transitional" to "special" and revised definition
- (2) Technical - delete all 10 PowerGeneral.MaxXxxRecords elements - DONE
- (3) Technical - reduce PowerMeter from RECOMMENDED to OPTIONAL - DONE
- (4) Technical - reduce PowerSupport from RECOMMENDED to OPTIONAL - DONE
- (5) Technical - reduce PowerTransition from RECOMMENDED to OPTIONAL - DONE
- (6) Minor editorial fixes to PWG Power Model and PWG Power MIB - DONE

Last Call Review Comments -PWG Power Management Documents



➤ Power Management Model

- <ftp://ftp.pwg.org/pub/pwg/wims/wd/lcrc-wimspower10-20101115.pdf>

➤ Power Management MIB – Spec

- <ftp://ftp.pwg.org/pub/pwg/wims/wd/lcrc-wimspowermib10-20101115.pdf>

➤ Power Management MIB – (ASN.1)

- <ftp://ftp.pwg.org/pub/pwg/wims/wd/lcrc-wimspowermib10-20101115-mib.pdf>

All Last Call comments have been resolved. Pending PWG Steering Committee approval, clean drafts will be generated and a Formal Approval notice will be sent out to initiate a balloting period concluding January end.

January MPSA Article



- Nominal outline for January Article is:
Management, Accounting and Device Utilization Issues
 - Access – Authentication and Authorization
 - Device and Information Security Issues
 - Misuse and Unauthorized Use
 - Affect on external maintenance and support
 - Logging
 - For Security - Audit Trail
 - Accounting – Billing and Charge Assignment

The submission to the MPSA will include survey questions.

MPSA Article

Suggested General Guidelines



- Submission consists of basic article, set of references, and 10-15 survey questions
- Basic article should:
 - Identify the issues and associated problems
 - Reference existing solutions and applicable standards
 - Discuss what PWG is doing, or planning to do to address the issues
- Basic article length should be 1000-1500 words
- Pictures are good, if they illustrate the point
- Survey questions should provide feedback on:
 - Whether the issues reflect what MPS providers are seeing
 - Other related issues that are being observed
 - Reaction to proposed solutions
 - Questions we have on field experiences and observations

January MP SA Article



- Includes Access, Authentication and Authorization and Logging Issues
 - Both groups of issues involve security (IDS) and Management (WIMS) aspects
 - Contributors from both WGs?
 - Is it too much for one article?
 - Volunteers?
 - How to Coordinate inputs?

- Access, Authentication and Authorization
 - Device and Information Security Issues
 - Issues from IEEE Std. 2600
 - Solutions and Standards that Address (TCG, other...?)
 - Aside from NAC, no PWG activity – should there be?
 - Misuse and Unauthorized Use
 - Issues from IEEE Std. 2600
 - Solutions and Standards that Address (TCG, other...?)
 - Aside from NAC, no PWG activity – should there be?
 - Affect on external maintenance and support
 - Issues – firewalls...
 - Solutions and Standards that Address (Web Services, 'secure' SNMP variations, communication initiation by device)
 - PWG activity – CIM effort

January MP SA Article - Approach



- Logging
 - For Security - Audit Trail
 - Issues from IEEE Std. 2600
 - Accounting – Billing and Charge Assignment
 - Issues – develop from Counter Spec
 - Rational for using common approach
 - Interrelation (e.g., some accounting info may require security; access rights different)
 - Solutions and Standards that Address (Standard Logging formats)
 - PWG activity – logging work, what else?

Wrapup



- Summary of Conclusions
- Action Items

- Next WIMS Conference Call:
1 PM EST 30 December 2010

Thanks for your participation!