

PWG Plenary Status Report Workgroup for Imaging Management Solutions (WIMS/PMP)

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

**December 8, 2010
Irvine, California**

Purpose of the effort



- **The WIMS/PMP working group is concerned with:**
 - Supporting the remote management of Hardcopy Imaging devices by the definition of new and the recasting of previously-defined imaging device and service management elements for mapping into standard management semantics and protocols, including but not limited to SNMP, CIM, and Web Services Management
 - Continuing support of DMTF/CIM classes concerned with Imaging Devices and Services.
 - Continuing support and update of the printer-related PWG and IETF published MIB documents
 - Continuing support and update of the specifications produced by the former PWG MIB Working Group (PMP) as well as by the PWG WIMS Working Group.

Work Items for the WG



• **What We're Doing**

- Supporting the existing IETF and PWG Printer and related MIB documents, including the advancement, extension and expansion of these specifications.
- Advancing a basic public management elements structure for Hardcopy Services and Devices that draws upon existing structures and that utilizes a set of management elements that is consistent over the various management protocols and methods.
- Update, Create and Prototype DMTF/CIM Imaging MOFs, with the objective of ensuring Hardcopy Device and Service management via a Web Services approach that is consistent with the basic public management elements structure

• **What We're NOT Doing**

- We are not addressing the delivery of Hardcopy services.
- We are not specifically concerned with security issues related to Hardcopy Devices or Services, although management must recognize and accommodate the requirements and constraints demanded by security.
- We are not defining a management service or protocol.

Current Activities – PWG Imaging Power Management



Last Call Review –

The three documents have completed PWG Last Call and 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.

➤ 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>

Current Activities - Managed Print Services Association Liaison



Familiarize MPSA Members with PWG work

- Develop Vendor-independent source of user information
- Series of articles on what PWG is doing, with a survey associate with each article – Survey to address:
 - Reaction to article - additional information/detail wanted
 - Problems/use cases related to article subject that may not be being addressed
 - Queries on specific issues
- Power Management article posted for December
- Access, Authentication and Authorization/ Logging article to be generated for January

Potential WIMS Activities



- Printer Port Monitor MIB?
 - update spec
 - interoperability testing ?
 - advance PPM to PWG standard ?
- MFD MIB or MIB extensions?
 - Many attempts, of varying completeness, started in the past, especially MFD Alerts.
 - MFD group is addressing service semantics; need to address management elements
 - Suggestion to transfer MFD Printer MIB Alerts extensions to IPP group for inclusion in JPS3
- Proposed printer MIB integration document?
- CIM Activities?
 - CIM Printer Profile
 - MFD Elements

More Info/How to participate



- We welcome participation from PWG member companies and input from the user community
- The group maintains a Web Page and separate WIKI pages for WIMS and for CIM update

<http://www.pwg.org/wims/index.html>

<http://pwg-wiki.wikispaces.com/WIMS>

<http://pwg-wiki.wikispaces.com/WIMS-CIM>

- To subscribe to the WIMS mailing list, go to :

<https://www.pwg.org/mailman/listinfo/wims>