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

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

**October 19, 2010
Lexington, Kentucky**

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

❑ Imaging Power Management –

Documents in PWG Last Call

- ➢ Power Management Model
  - ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspower10-20100926.pdf / doc
    - clean copy with line numbers
  - ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspower10-20100926-rev.pdf / doc
    - redlines with line numbers

- ➢ Power Management MIB - Spec
  - ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20100926.pdf / doc
    - MS Word document
  - ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20100926-rev.pdf / doc
    - MS Word document with redlines and line numbers

- ➢ Power Management MIB – (ASN.1)
  - ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20100926.mib
    - full ASN.1 source with compliance statements, defaults, references, etc.
  - ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20100926-mib.pdf
    - full ASN.1 source with line numbers and color highlighting

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 we have (e.g., would SCCM level NAC support be helpful, assuming that we have dealt with what this is in the article)
- Schedule and Introductory Article at

ftp://ftp.pwg.org/pub/pwg/general/MPSA/Managed_Print_Services_and_Imaging_Device_Standarddraft2%5B1%5D.pdf

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

- CIM Activities?
  - ➢ CIM Printer Profile
  - ➢ MFD Elements

Next Steps

- Put Imaging Power Management documents to vote
- Resurrect activity in PWG MIB Alert Set
  effort last documented in
  ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-mfp-alert-groups10-20070313.pdf

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