

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

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

**February 2, 2011  
Wailea-Makena, HI**

# Purpose of the effort

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- **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

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## • **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.
- Considering management aspects of MFD in the light of changing usage, operational and security environments.

## • **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

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- Power Management Specifications: encourage voting
- MFD Alerts:
  - Resume effort extending Printer MIB alerts to MFDs
  - Include security alerts
- CMMI: Coherent MFD Management Interfaces
  - Identifies management interfaces applicable to MFDs
  - May identify compliance level(s)
- CIM Printer activity:
  - Maintain and Complete CIM Printer Classes
  - Start consideration of Printer Profile
  - Consider Extension of CIM activity to MFDs
- MPSA Interaction:
  - Continue to work on providing articles and surveys to Managed Print Services Association

# Voting for PWG Candidate Standard Hardcopy Device Power Management

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## ❖ The documents may be accessed at:

- <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspower10-20110107.pdf>  
- clean Power Model w/ line numbers
- <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20110107.pdf>  
- clean Power MIB w/ line numbers
- <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20110107.mib>  
- plaintext ASN.1 source for Power MIB
- <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20110107-mib.pdf>  
- color highlighted ASN.1 source for Power MIB w/ line numbers

## ❖ The PWG Last Call issues and resolutions is located at:

- <ftp://ftp.pwg.org/pub/pwg/wims/wd/power-last-call-comment-resolution-20101115.txt>

## ❖ VOTING PERIOD ENDS: Monday 14 February 2011.

# Potential WIMS Activities

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- MFD MIB or MIB extensions
  - Many attempts, of varying completeness, started in the past, especially MFD Alerts – activity now resumed.
  - MFD group is addressing service semantics; need to address management elements –
- Proposed printer MIB integration document – Now Coherent MFD Management Interfaces activity started
- CIM Activities
  - Complete Printer Classes – activity resumed
  - CIM Printer Profile
  - MFD Elements
- Printer Port Monitor MIB?
  - update spec
  - interoperability testing ?
  - advance PPM to PWG standard ?

# More Info/How to participate

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- 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 :  
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