



WIMS F2F Meeting

# Workgroup for Imaging Management Solutions (WIMS/PMP)

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April 4, 2011

Cupertino, CA

This meeting is being held in accord with the PWG Policy on Intellectual Property and Confidentiality, dated January 01, 2009.

The policy is accessible at:

<ftp://ftp.pwg.org/pub/pwg/general/pwg-ip-policy.pdf>.

PWG members have agreed to be bound by this policy as a condition of membership. Nonmember participants implicitly agree to be bound by this policy statement as a condition of participation.

# Agenda



When	What
9:00 – 9:15	Introduction and Administrative Issues Intellectual Property Policy Statement Identify Minute Taker Introduce Participants Consider Agenda Acceptance of Previous Minutes ( <a href="ftp://ftp.pwg.org/pub/pwg/wims/minutes/wims_110217.pdf">ftp://ftp.pwg.org/pub/pwg/wims/minutes/wims_110217.pdf</a> ) WIMS Officers and Solicitation of Candidates
9:15 – 9:30	Status/Action Items Review
9:30 – 10:00	MFD Alerts – Intent and Outline
10:00 – 10:30	CMMI Specification – Intent and Outline
10:30 – 10:45	CIM Printer Profile – Intent and Outline
10:45 – 11:00	Break
11:00 – 11:45	Volunteers, Plans, Priorities and Schedules
11:45 – 12:00	Review of Action Items

# Officers

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## ❖ Chair:

- Bill Wagner (Technical Interface Consulting)

## ❖ Vice-Chair:

- NONE

## ❖ Secretary:

- NONE

## ❖ Document Editors:

- Ira McDonald (High North)

# Status Review



## ❖ Power Management Specifications:

- Power Management Model and Power Management MIB and MIB Specifications have been enhanced with more explanatory material reflecting editorial comments made during ballot.
  - PWG Power Management Model for Imaging Systems 1.0 - [PWG Candidate Standard 5106.4-2011](#)
  - PWG Imaging System Power MIB v1.0 Specification- [PWG Candidate Standard 5106.5-2011](#)
  - Imaging Power MIB (PDF, MS-Word, and ASN.1 PlainText formats) -  
<ftp://ftp.pwg.org/pub/pwg/candidates/cs-wimspowermib10-20110214-5106.5.pdf>  
<ftp://ftp.pwg.org/pub/pwg/candidates/cs-wimspowermib10-20110214-5106.5.doc>  
<ftp://ftp.pwg.org/pub/pwg/candidates/cs-wimspowermib10-20110214-5106.5.mib>

## ❖ CIM Printer Classes:

- The remaining CIM CRs have passed. The following will be in the CIM Schema v2.29 to come out in about a month.
  - ❖ PrintService [ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR01610\\_PrintService.php.htm](ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR01610_PrintService.php.htm)
  - ❖ PrintServiceSettings [ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR01612\\_PrintServiceSettings.php.htm](ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR01612_PrintServiceSettings.php.htm)
  - PrintServiceCapabilities [ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR01611\\_PrintServiceCapabilities.php.htm](ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR01611_PrintServiceCapabilities.php.htm)
  - PrintJob (Passed) [ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR01609\\_PrintJob.php.htm](ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR01609_PrintJob.php.htm)
- Extension of PWG CIM activity to include MFDs is being considered

# Action Item Review

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- ❖ MFD Alerts: Updated draft reflecting Feb F2F DUE. Continue work on as a MIB document. Add notes for subunits not identified in Printer MIB – Ira
- ❖ MFD Alerts: Contact Peter C. or Ron Nevo for for Security Alert information - Ira, Bill
- ❖ MFD Alerts: Formulate Fax Modem Alerts and reflect in Semantic Model –Ira, Peter Z.
- ❖ CIM Work: Resolve difficulty with remaining Printer CRs- Ira, Rick DONE
- ❖ CIM Work: Generate outline for what a CIM printer profile should contain; derive from CIM computer system profile - Ira, Rick

# Action Item Review

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- ❖ CMMI: Update (perhaps expand) Outline – Ira, Andrew
- ❖ CMMI: Provide guidance to Andrew for CMMI SNMP and IPP sections – Ira
- ❖ CMMI: Generate CMMI draft (deferred) - Ira
- ❖ MPSA: Send MPSA liaison draft - Mike
- ❖ MPSA: recast extracted data security information from MPSA User Access Control security article as start to MPSA Data Security article - Bill

# MFD Alerts – Intent and Outline

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- ❖ Intent: Expand Printer MIB Alerts (RFC 3805) to use this mechanism to report conditions in MFD by:
  - Allowing existing messages to refer to MFD subunits not present in printer (e.g., Scanner, FaxModem)
  - Identify Service conditions not already covered in Printer MIB
  - Adding messages relating to device/service Security issues
- ❖ Outline: Ira drafted update to original document  
<ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-mfp-alert-groups10-20070313.pdf>
  - This was discussed in Feb meeting; need update
- ❖ Actions/Questions
  - Review, considering:
    - Is there a requirement? Is this effort necessary?
    - Does outline adequately address requirement?
    - What variations reflecting original spec have been produced?
    - Should update be compatible with existing implementations?



# MFD Alerts – Intent and Outline

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- Are all alerts applicable to the Device or its subunits?
- What Additional Subunits or service identifiers necessary?
- How does one distinguish between subunits, device, service?
- What additional condition messages are necessary?
- What security conditions should cause alerts? Messages?
- Are security conditions applicable to device or subunit or ...?

❖ Plan?

❖ Volunteers?

# CMMI Specification –Intent and Outline



❖ Intent: Identify data structures to be supported to properly maintain MFD in each of the principle management interfaces.

- SNMP Management Interfaces
- IPP Management Interfaces
- Web Services Management Interfaces
- DMTF CIM Management Interfaces
- NETCONF Management Interfaces
- Embedded Web Server Management Interfaces
- Local Console Management Interfaces

❖ Outline: Ira drafted update to original document

<ftp://ftp.pwg.org/pub/pwg/wims/white/Outline-%20Coherent%20MFD%20Management%20Interfaces.pdf>

- This was discussed in Feb meeting; needs update

## ❖ Actions/Questions

### ➤ Review Considering

- Is there a requirement? Is this effort necessary?
  - Does outline adequately address requirement?
  - Is outline too extensive? Should effort be broken up by management interface??
- Is maintenance always correlated to subunit?
- How do we deal with non-printer subunits for which no base management spec exists?
- Format is list of extant specs? What if no spec currently exists? (true to some extent for most management interfaces)
- Indicate what support is needed for compliance to spec?
- Have multiple compliance levels? Tied to any other characteristic?
- Does CIM version equal printer Profile?

# CMMI Specification –Intent and Outline

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## ❖ Plan?

- Most constituent specs w/r to printer probably exist for SNMP, IPP. Perhaps CIM. Can we list?
- What to do for other management interfaces?
- What do we do for non-print subunits.

## ❖ Volunteers?

# CIM Printer Profile - Intent and Outline

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- ❖ Intent: Identify set of CIM Management Structures necessary to adequately manage and control an imaging device. Necessary to fully support device management using CIM.
- ❖ Outline: see CIM Workstation profile
- ❖ Actions/Questions
  - Review Considering
    - Is there a requirement? Is this effort necessary?
    - Will majority of effort be required for CMMI/CIM?
- ❖ Volunteers?

# Volunteers, Plans, Priorities and Schedules

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- ❖ Are Project Charters necessary? Desirable?
- ❖ What projects do we have staffing for?
- ❖ What is the priority of management efforts versus other PWG projects?
- ❖ What is the relative priority of these three projects?
- ❖ Are there other management projects that are more important..or that have more support?
- ❖ Can we come up with a proposed plan and schedule for those projects we can support?

# Action Items

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❖ Alerts

❖ CMMI

❖ CIM

❖ Other

❖ Next WIMS conference call: April 21 at 1PM Eastern Time.