



WIMS F2F Meeting

Workgroup for Imaging Management Solutions (WIMS/PMP)

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 (ftp://ftp.pwg.org/pub/pwg/wims/minutes/wims_110217.pdf) 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

❖ 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
 - ❖ PrintServiceSettings 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
 - PrintJob (Passed) 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

- ❖ 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 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



- ❖ 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



- ❖ 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 updated previous revision of original document

<ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-pmpmfdalerts10-20110403-rev.pdf>

❖ 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



- 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?

❖ 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 outline.

<ftp://ftp.pwg.org/pub/pwg/wims/white/MCCI%20Outline%202.pdf>

❖ 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



❖ 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

- ❖ 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



- ❖ 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

- ❖ Alerts
- ❖ CMMI
- ❖ CIM
- ❖ Other

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

