



WIMS F2F Meeting

Workgroup for Imaging Management Solutions (WIMS/PMP)

October 6, 2011

Cupertino, California

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.

In essence, the policy is that any information presented at an PWG or PWG working group meeting or conference call, or to any PWG mail list may be treated as public information and may be incorporated into a PWG specification or other PWG document.

Agenda



| When | What |
|-------------|---|
| 1:00 – 1:15 | 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_110915.pdf) |
| 1:15 – 1:30 | Status/Action Items Review |
| 1:30 – 1:55 | Results of Survey for Imaging Power MIB Demo and Resolution of Compatibility |
| 1:55 – 2:00 | Question of Registering PWG Power MIB Power State Series with IANA for eman reference |
| 2:00 – 2:30 | Update on and Review of MFD Alerts Document |
| 2:30 – 2:45 | CIM Printing Class Updates and Extension to MFDs |
| 2:30 – 3:00 | Next Steps and New Action Items |

Officers



❖ Co-Chairs:

- Bill Wagner (Technical Interface Consulting)
- Danny M. Brennan (GTS Services Delivery)

❖ Secretary:

- NONE

❖ Document Editors:

- Ira McDonald (High North/Samsung)
- Rick Landau [CIM Printer Profile]

Action Items

- ❖ Resolve approach to PWG Imaging Power Management MIB compatibility demonstration (OPEN) -WG
- ❖ Consensus on eman reference to PWG Power State Series (OPEN) - WG
- ❖ Update to MFD Alerts document reflecting comments (DONE)- Ira (but have requested IPP group to review IPP aspects of specification)
- ❖ Resolve question of relation with MPSA and MPSA data Security article – Bill and Michael (ONGOING)
- ❖ CIM Printing Updates and Printer Profile - Ira and Rick (ONGOING) –(CIM printing classes may be expanded to reflect additions to printing elements added in IPP, SM)
- ❖ CWMP Consideration – transferred to BOF

Imaging Power MIB Interop Demo

- ❖ The PWG approved the “PWG Power Management Model for Imaging Systems 1.0” ([PWG Candidate Standard 5106.4-2011](#)) and its MIB binding “PWG Imaging System Power MIB v1.0” ([PWG Candidate Standard 5106.5-2011](#)) in February 2011. The charter for the Imaging System Power Management Project included a Power MIB Interoperability event, basically a demonstration that client and server implementations of the MIB are interoperable.
- ❖ Although there was interest in this demo , details are not obvious. The WG decided to run a PWG survey.
- ❖ Survey is at: <http://www.surveymonkey.com/s/L63VFHK>
- ❖ There were three responders, two of which were interested in participating in the demo.
- ❖ Ira has suggested that others interested in participating did not respond because they do not want to “show their hand”, and that we should have a demo/test like that for IPP, where test can be privately run without public acknowledgement.

Summary of Survey Results



- ❖ Participation: 1 client application, 2 agents
- ❖ Type of Test: A test tool, script or procedure, run by your personnel at your location, at your convenience, which provides a record of response.
- ❖ Test Application: split between browser based procedure and custom script or tool
- ❖ Trace: no objection to providing *.pcap type trace
- ❖ Minimum Coverage: All objects in all mandatory groups respond with at least all mandatory values
- ❖ Advance to full standard: Consensus that it is not critical.

Imaging Power MIB Interop Demo

❖ Considerations:

- What is Purpose of Demo?
- Can this be purpose be achieved by running a test with two participants?
- Is it worth the effort?
- Should we just put up a test procedure and allow companies use it or not, sending results to reviewer or not?
- How should results be reported? (possible objection submitting to *.pcap traces)
- If companies do not want to expose their participation, who should be the reviewer?
- Who should/would define the test and the test record, and should results be subject to working group review?

Registering PWG Power MIB Power State Set for eman MIB



- ❖ The draft of the IETF EMAN Energy Monitoring MIB (<http://www.ietf.org/internet-drafts/draft-ietf-eman-energy-monitoring-mib-00.txt>) includes the following issue:
 - “OPEN ISSUE 12: Consideration of IEEE-ISTO PWG in the IANA list of Power State Set ? PWG Imaging Systems Power Management MIB reference.”
- ❖ The draft already supports the following Power State Sets:
 - IEEE1621(1) - [IEEE1621]
 - DMTF(2) - [DMTF]
 - EMAN(3) -[EMAN-MONITORING-MIB]
- ❖ The PWG Power MIB Set is derived from the DMTF set, but allows vendor-specific states to be added, which DMTF does not

Registering PWG Power MIB Power State Set for eman MIB



❖ Ira's position:

PWG Power MIB enabled devices *fold* vendor extension states into their base DMTF power states for more coherent power monitoring and power management across the enterprise. ...The tail should not wag the dog.

❖ Ira solicited opinions but it appears that there were no comments from the WIMS list.

❖ Ira indicated that he wanted to reply on the IETF EMAN mailing list before September.

➤ How should PWG WIMS respond to this issue?

❖ Is it desirable that both PWG Power MIB and eman MIBs should be implemented on imaging equipment – Comment?

MFD Alerts Document



- ❖ Review of latest draft.
- ❖ Call for Prototypes?
 - Prototype statements are needed to advance document to “Stable”, a prerequisite for WG last call
 - Since specification includes both MIB and IPP aspects, it is preferable to have statements for both IPP and MIB prototypes
 - Tentative decision is to drop IPP aspects if IPP Prototype statement is holding up specification advancement
- ❖ Any need for additional review before Prototype statement?

Next Steps

- ❖ PWG Power MIB Interop
 - Resolution?
 - Who does
 - What
 - By When
- ❖ eman reference to PWG Power State Series
 - Resolution?
- ❖ MFD Alerts
 - Schedule
- ❖ CIM Efforts
 - Volunteers?
- ❖ CWMP Activities (depends on BOF)

Wrapup

- ❖ Comment and Questions?
- ❖ New Action Items
- ❖ Next Conference Call: 1PM EDT, 27 October