

# PWG WIMS CIM Alignment

## Piscataway Face-to-Face Minutes

### April 26, 2007

Derived from notes from Pete Zehler

Craig Whittle - PWG WIMS/CIM Co-chair

## Attendees

Attendee	Company	Email Address
<b>In Person</b>		
Harry Lewis	IBM	<a href="mailto:harryl@us.ibm.com">harryl@us.ibm.com</a>
Lee Farrell	Canon Inc.	<a href="mailto:lee.farrell@cda.canon.com">lee.farrell@cda.canon.com</a>
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Bill Wagner	TIC	<a href="mailto:wamwagner@comcast.net">wamwagner@comcast.net</a>

## General Discussion (Counter MIB)

- Counter specification was updated, Call for objections completed without objections
  - No questions or comments from group
- The 4/28/07 version of Counter MIB is the latest (see <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20070428.pdf>)
- Samsung is prototyping to move specification to proposed standard, includes abstract counter specification. Items that have not yet been done:
  - Improve description,
  - Update abstract in document

- Updates to MIB
  - Service State, state message and subunit Status added to MIB
  - Updates subunit type
  - Service – Subunit linkage
  - Media used accounting key to differentiate similar media
  - Compliance macro adjusted
- The service table was reviewed
- New elements from specification and Ron’s MFP proposal could be added
  - Rename counter MIB and word document to “Imaging System State and Usage Counter Specification” (or words to that effect)
  - Add new compliance clause so products could just implement the state portion of MIB
  - Do we need subunit links to alerts?
    - Subunits should have state.
    - Services are what end users use and a link to the top alert seems appropriate but the additional complexity of subunits may not be appropriate.
    - The subunit link to an alert can be optional.
    - It should be left out unless there is a request for that functionality
    - Managers can always read the alert table
- MediaUsedAccountingKey was briefly described
- Subunit map table is indexed by service id with a subunit secondary index which links a service to the associated enabled/disabled subunits for that service
- There should also be a service alert index for the counter alert table (max exceeded)
- Walt presented information on Samsung’s counter MIB implementation
  - Available by end of June
  - SCX-6345 monochrome 45 ppm
  - Just doing totals for now. Some service counts may be done if time permits. Ira suggested doing total and single service

- End of June for cleaned up version, MIB walk might be available. Email notification of prototype is what is required

## General Discussion (CIM Printer Realignment)

- Bill reviewed Web Services based printer management
  - Agree that CIM based approach is path a consistent with MFD Web services
  - This model seems to be the leader
  - Phases 2 and 3 are being worked currently focused on printer MIB output tray
  - Rick went over his slide deck (see [ftp://ftp.pwg.org/pub/pwg/general/presentations/PWGqtlly200704\\_WIMS-CIM\\_status\\_v04.pdf](ftp://ftp.pwg.org/pub/pwg/general/presentations/PWGqtlly200704_WIMS-CIM_status_v04.pdf))
- Change request must be approved by the WG (Core) then to TC before it is accepted
- At least 11 new classes are being added
- Two kinds of properties are problematic
  - Writable/Sometimes writable (e.g. Prtoutputreaminingcapacity)
  - Out of band data (e.g. other)
- Took out ability to write to objects (plan to go back later and add writable objects via operations)
- Took out priority B objects (i.e. “good idea” objects) from Rick’s spreadsheet prioritizing activities
- The order of the objects to submit to the DMTF has been adjusted
- Row index from the MIB is allowed but can not be called ID, it is now named properly and documented
- First submission of “pipe cleaner” was back in February and it still has not passed (This is the first of about 15)
- This year the focus will be on “device” next year the focus will be on “service”
- Dell plans on implementing a proxy based CIM provider

- CUPS support for WBEM is on the short list on Source forge project

### **Next Steps / Open Actions:**

- May 10 is the next WIMS/CIM teleconference