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

<table>
<thead>
<tr>
<th>Attendee</th>
<th>Company</th>
<th>Email Address</th>
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<tr>
<td><strong>In Person</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harry Lewis</td>
<td>IBM</td>
<td><a href="mailto:harryl@us.ibm.com">harryl@us.ibm.com</a></td>
</tr>
<tr>
<td>Lee Farrell</td>
<td>Canon Inc.</td>
<td><a href="mailto:lee.farrell@cda.canon.com">lee.farrell@cda.canon.com</a></td>
</tr>
<tr>
<td>Jerry Thrasher</td>
<td>Lexmark International Inc.</td>
<td><a href="mailto:thrasher@lexmark.com">thrasher@lexmark.com</a></td>
</tr>
<tr>
<td>Ole Skov</td>
<td>MPI-Tech</td>
<td><a href="mailto:ole.skov@mpitech.com">ole.skov@mpitech.com</a></td>
</tr>
<tr>
<td>Ron Bergman</td>
<td>Ricoh Co.</td>
<td><a href="mailto:ron.bergman@ricoh-usa.com">ron.bergman@ricoh-usa.com</a></td>
</tr>
<tr>
<td>Pete Zheler</td>
<td>Xerox</td>
<td><a href="mailto:peter.zehler@xeroxlabs.com">peter.zehler@xeroxlabs.com</a></td>
</tr>
<tr>
<td>Nancy Chen</td>
<td>Oki Data</td>
<td><a href="mailto:nchen@okidata.com">nchen@okidata.com</a></td>
</tr>
<tr>
<td>Kei Sando</td>
<td>Oki Data</td>
<td><a href="mailto:ksando@oki.com">ksando@oki.com</a></td>
</tr>
<tr>
<td>Hiromasa Akamatsu</td>
<td>Kyocera Mita</td>
<td><a href="mailto:hiromasa.akamatsu@ktd-kyocera.com">hiromasa.akamatsu@ktd-kyocera.com</a></td>
</tr>
<tr>
<td>Glen Petrie</td>
<td>Epson</td>
<td><a href="mailto:Glen.petrie@eitc.epson.com">Glen.petrie@eitc.epson.com</a></td>
</tr>
<tr>
<td><strong>Via Phone</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walt Filbrich</td>
<td>Samsung</td>
<td><a href="mailto:w.filbrich@samsung.com">w.filbrich@samsung.com</a></td>
</tr>
<tr>
<td>Richard Landau</td>
<td>Dell</td>
<td><a href="mailto:Richard_landau@dell.com">Richard_landau@dell.com</a></td>
</tr>
<tr>
<td>Ira MacDonald</td>
<td>High North Inc.</td>
<td><a href="mailto:imcdonald@sharplabs.com">imcdonald@sharplabs.com</a></td>
</tr>
<tr>
<td>Bill Wagner</td>
<td>TIC</td>
<td><a href="mailto:wamwagner@comcast.net">wamwagner@comcast.net</a></td>
</tr>
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### General Discussion (Counter MIB)

- Counter specification was updated, Call for objections completed without objections
  - No questions or comments from group
- 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
  o Service State, state message and subunit Status added to MIB
  o Updates subunit type
  o Service – Subunit linkage
  o Media used accounting key to differentiate similar media
  o Compliance macro adjusted

• The service table was reviewed

• New elements from specification and Ron’s MFP proposal could be added
  o Rename counter MIB and word document to “Imaging System State and Usage Counter Specification” (or words to that effect)
  o Add new compliance clause so products could just implement the state portion of MIB
  o 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
  o Available by end of June
  o SCX-6345 monochrome 45 ppm
  o 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

- 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. Prtoutputstreamingcapacity)
  - 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