

# Web-based Imaging Management System WG

**Including**

## CIM Realignment Activity

**Printer Working Group**

**Plenary Meeting**

**20 February 2007**

19 February 2007

PWG WIMS Activity



# WIMS Projects

- **WIMS “Protocol”**
- **Generation/Conversion of Imaging Management information into XML Schema**
- **Counter Specification, MIB and Schema**
- **Preparation for Web Services based management by update of DMTF/CIM to reflect current MIBs, IPP etc.**

# Current Activities

- **Modifications to the Counter Spec**
  - Address the need for an additional element and several requests for clarification of terms
- **Continuing Phases 2 and 3 of the CIM Realignment Activity**
  - Fix definitions of ambiguous properties, deprecate non-interoperable properties; move properties to correct parent class
  - Add needed management items that are available through existing printer management methods (e.g., MIBs & IPP)

# Counter Specification - Status

- Revised draft posted

<ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscount10-20070212.pdf>

- Change to Media Used
- Clarification of “Data Stream” Definition
- Steering Committee recommendation to republish after WG approval and PWG Call for Objections

## CIM Realignment Activities Since last F2F

- Working on Elements from Printer MIB that have been selected for inclusion
- Complete MIB to MOF tool to make conversion easier
- “Pipecleaner” Change Request adding Output Tray completed and submitted to CIM.
- Response to Output Tray submission suggests
  - Need for clarification of some issues with CIM CORE
  - Guidance for subsequent CR’s
  - New Checklist procedure
  - Desirability for more PWG eyes reviewing CR drafts

## CIM Realignment Activities Since last F2F

- **CR's creating new MOFs**
  - Will be classed as “experimental” until two implementations done
  - Dell intends to do an implementation
  - Ira indicates that implementation will also be done for **UNIX**
- **Question of including IPP-based “Print service” elements**
  - Rick and Ira probably will not be able to put in the effort equivalent to current effort
  - Although highly desirable, needs effort from members concerned with printing systems rather than just devices

## CIM Realignment Activities Since last F2F

- Current effort limited to including, organizing and documenting existing management elements (from MIBs, IPP) in CIM
- If there is interest in expanding CIM to cover
  - new features (e.g., expanded operator consoles)
  - Multifunction Device elementsthe WG needs more substantive participation and task leadership

# Short Term Milestones

- **Finish printer device CRs .There will be 14-15 new MOFs, which will be processed in groups of 2 – 3, spaced several weeks apart. The following milestones are for the last of the MOFs.**
  - **Basic Information Extracted – April 1**
  - **Presentation at April Meeting and WG Review - May 1**
  - **Information reformatted into CIM CR and submitted to PWG in Call for Objections – May 15**
  - **Call for Objections completed and submit last to CIM Core - June**
- **Begin looking at IPP based elements – June 2007**