

# WIMS WG

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## Web-based Imaging Management System WG

Printer Working Group  
Face-to-Face Meeting  
September 27, 2007  
Montreal



# WIMS WG Agenda

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- 14:40 - 15:10 Introductions, Charter Update,  
Review of Projects, Schedules, New Efforts  
Quick Review of Counter Spec
- 15:10 - 15:30 Break
- 15:30 - 15:50 Counter Schema (Pete)
- 15:50 - 16:10 Counter MIB Updates (Ira)
- 16:10 - 16:25 Prototype and Problems (Shah)
- 16:25 - 16:55 CIM Effort & Management by  
Web Services (Rick)
- 16:55 - 17:00 Wrap-up

# Proposed Revised Charter

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The revised WIMS charter was posted with a call for objections issued 12 August.

<ftp://ftp.pwg.org/pub/pwg/wims/charter/wd-wimsch20-20070807.pdf>

The Call for Objections was to end at today's Plenary meeting. No objections were received via e-mail and none were voiced at the plenary.

Are there any objections now?

If not, the revised charter is adopted.

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# Revised WIMS Charter



**Charter**  
**WEB-based Imaging Management Services**  
**(WIMS) Working Group**  
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## Objectives

The WIMS working group area of interest is the management of imaging services and devices via the Web. The Objectives are:

Continuing support and update of the protocols and specifications produced by the working group.

Definition of new and the recasting of previously defined imaging device and service management elements into a web management compatible context.

Continuing update and extension of the DMTF/CIM printing classes in anticipation of this forming the basis for imaging service and device management over the Web.

Monitoring of other Web based management activities impacting imaging.

## Projects and Milestones

### Imaging State and Counter MIB Project

- Draft – Completed
- PWG Last Call - December 2007

### CIM Printer and Printing Update Project

- DMTF Technical Committee approved Printer Device Changes and additions–April 2008
- Informational Spec- Best Practices in Creation new CIM Classes and properties Dec 2007
- DMTF Technical Committee approved Print Service Changes and additions - September 2008
- DMTF Technical Committee approved PrintJob, PrintQueue, and -PrintSAP. Changes and additions –Feb 2009

### CIM Classes for Imaging Services

- TBD

The WIMS WG current activities and projected schedules are posted on  
<http://pwg-wiki.wikispaces.com/WIMS> and <http://pwg-wiki.wikispaces.com/WIMS-CIM>

## Officers

- Co-Chairs: William Wagner and Craig Whittle
- Secretary: Craig Whittle
- Editors: Rick Landau, Ira McDonald

# Current Projects

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- **Imaging State & Counter MIB**  
**(currently in update)**
  - **MIB and Counter Schema are outgrowth of “Counter Specification”**
  
- **Update of DMTF/CIM Printing MOFs**
  - **Outgrowth of Phase 1 PWG/WIMS/CIM effort**

# Imaging State & Counter MIB



- Current Draft Posted at
  - <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20070914.zip>
  - <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20070914.doc>
    - MS Word source - with redlines
  - <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20070914.pdf>
    - PDF of Word - with redlines and line numbers - for review
  - <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20070914.mib>
    - ASN.1 of MIB - compiles without warnings in Epilogue and SMICng
  - <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20070914-mib.pdf>
    - PDF of MIB - color-highlighted ASN.1 of MIB
- Prototyping at Samsung
- Anticipated Schedule
  - **Update to reflect Prototype – October 2007**
  - **WG Last Call - November 2007**
  - **PWG Last Call as Candidate Standard- December 2007**

# The Counter Spec

## **PWG Standardized Imaging System Counters**

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- **Intro**

The Imaging System Counters are usage counters designed to address monitoring and accounting needs for an Imaging System, such as a network spooler, a printer or a multifunction device, and the services such a system offers. These counters are intended to support environments such as fleet management across the Internet by outside service providers, enterprise management within an administrative domain by in-house staff and production management in commercial and transaction production print workflows. The defined counters indicate the amount of work performed by the imaging system and to monitor system utilization, data flow, errors and warnings.

The document does not describe mapping of these semantics to XML Schema, MIB or any protocol. These mappings are addressed in the Schema and MIB activities.

- **Status**

Updated Counter Spec

- **Approved in April as PWG Candidate Standard 5106.1-2007**



# Update of DMTF/CIM Printing MOFs

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- 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)
  - Schedule
    - **DMTF Technical Committee approved Printer Device Changes and additions–April 2008**
    - **Informational Spec- Best Practices in Creation new CIM Classes and properties Dec 2007**
    - **DMTF Technical Committee approved Print Service Changes and additions - September 2008**
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# Next Activities

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- **DMTF Phase 4: CIM Classes for Imaging Services**
  - **Rending of Scan Service Elements into CIM MOF**
  - **???**
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