Printer Working Group

Plenary – October 21, 2008
Lexington, KY

Plenary Agenda

- Introductions
- Approve/Modify Agenda
- Approve Previous Plenary Minutes
- Review PWG Patent Policy
- F2F Meeting Agenda
- Future PWG F2F Meeting Schedule
- 2009 Meeting Dates/Location/Hosts
- 2008 Membership (current status)
- PWG Financial Overview
- PWG Working Group Status
  - WIMS and DMTF/CIM
  - MFD (and SM)
  - IPP (IPP v2)
  - PDM (Projector and Display Management)
  - IDS (Imaging Device Security)
- PWG Process/IP Policy Update Status
- Other PWG Matters
- Plenary Adjourn

PWG Patent Statement

- PWG standards may include the known use of essential patents and patent applications provided the PWG Chair receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard. This assurance shall be provided without coercion. This assurance shall be either:

  - a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed PWG standard against any person or entity complying with the standard; or

  - b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

- The PWG is not in a position to give authoritative or comprehensive information about evidence, validity or scope of patents or similar rights, but it is desirable that any available information should be disclosed. Therefore, all PWG members shall, from the outset, draw PWG's attention to any relevant patents either their own or of other organizations including their Affiliates that are known to the PWG members or any of their Affiliates, although PWG is unable to verify the validity of any such information.

Inappropriate Topics for PWG WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims

- Don't discuss the cost of specific patent use

- Don't discuss licensing terms or conditions

- Don't discuss product pricing, territorial restrictions, or market share

- Don't discuss ongoing litigation or threatened litigation

  ➔ Don't be silent if inappropriate topics are discussed

     ... do formally object.

F2F Meeting Agenda

- **Tues. 10/21**
  - 8:30 AM   10:30 AM   WIMS (WIMS/CIM)
  - 10:30 AM   11:30 AM   IPP
  - 11:30 AM   1:00 PM   Lunch
  - 1:00 PM   3:00 PM   IPP Contd.
  - 3:00 PM   3:45 PM   LF Open Printing Update
  - 3:45 PM   5:30 PM   Plenary
- **Wed. 10/22**
  - 9:00 AM   11:30 AM   MFD model
  - 11:30 AM   1:00 PM   Lunch
  - 1:00 PM   5:30 PM   MFD model
- **Thurs. 10/23**
  - 9:00 AM   11:30 AM   IDS
  - 11:30 AM   1:00 PM   Lunch
  - 1:00 PM   5:30 PM   IDS

- **2008**

  - **December**
    - 3-5, Irvine CA (Hosted by Samsung)

- **2009**

  - **February**
    - 16-18, Waikoloa Beach Marriott Resort & Spa
      69-275 Waikoloa Beach Drive

      Waikoloa - Hawaii, Hawaii 96738 USA
      (ISTO Planned)

2009 PWG F2F Dates/Locations/Hosts

- **2009**
  - February 16-18 Waikoloa Beach Marriott Resort & Spa
    69-275 Waikoloa Beach Drive
    Waikoloa - Hawaii, Hawaii 96738 USA
    (ISTO Planned)

  - April 14-16 New Orleans (ISTO Planned)
  - June 16-18 Rochester NY (hosted by Xerox)
  - Aug. 18-20 Seattle (hosted by Microsoft)
  - October 13-15 Boulder CO (hosted by InfoPrint)
  - December 8-10 Austin TX (hosted by Dell)

2008 Membership
(24 member companies)

- ✓ **366 Software**
- ✓ **Apple Inc.**
- ✓ **Canon, Inc.**
- ✓ **Coretronic**
- ✓ **Dell**
- ✓ **Epson**
- ✓ **Fuji Xerox Co. Ltd.**
- ✓ **Hewlett-Packard**
- ✓ **Intermate A/S**
- ✓ **Konica Minolta**
- ✓ **Kyocera Corporation**
- ✓ **Lexmark International**

- ✓ **Microsoft**
- ✓ **MPI Tech**
- ✓ **NEC Display Solutions**
- ✓ **Northlake Software, Inc**
- ✓ **Oki Data**
- ✓ **Ricoh**
- ✓ **Samsung Electronics**
- ✓ **Sharp Labs of America**
- ✓ **Sigma-Tel=>Conexant**
- ✓ **Toshiba**
- ✓ **Xerox Corporation**
- ✓ **Zoran Imaging Division**
- ➤ **Tykodi Consulting Services LLC.**
- ➤ **Intermec**

✓   Indicates 2008 membership paid

PWG Working Group Status

PWG Plenary Status Report
WIMS/CIM Working Group

October, 2008

Purpose of the effort

The WIMS working group is concerned with 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.
- Prototyping updated and upgraded DMTF/CIM printing classes in anticipation of this forming the basis for imaging service and device management over the Web.
- Eventual update of existing and generation of new DMTF/CIM classes for Print Services and eventually Multifunction Devices and Services.
- Monitoring other standards activities relating to Web-base management of Imaging Systems

Work Items for the WG

- **What We're Doing**
  - Providing an Imaging Service/Device basis for management by Web Services, operating through the DMTF CIM mechanism.
  - Update, Create and Prototype DMTF/CIM Printing MOFs, generated as part of the work register agreement between the PWG and the DMTF and with the objective of ensuring printing management via a Web Services approach using CIM

- **What We're NOT Doing**
  - We are no longer defining a Imaging management service or protocol.
  - We are not involved in the extension or updating of Imaging Management protocols or protocols used for management, such as the Printer MIB over SNMP or the management aspects of IPP.

Current Activities

- The CIM Printer model and Imaging Counter model are both complete. All CRs have been approved for inclusion in CIM Schema v2.20.

- Ira has started work on the update of Print Service Schema, based on IPP semantics and following the considerations of the IPPV2 WG

- Rick is continuing with the Proxy CIM Provider prototype implementation. Ira has supplied enum mapping information and several others have provided MIB walks from various printers for debugging and exercising the prototype.

Print Services CIM Schema

- ➢ Existing CIM structure includes several classes beyond Printer. One of these is Print Service.

- ➢ Current Print Service is minimal and does not follow the PWG Semantic Model (which is largely evolved from IPP)

- ➢ Original Printer CIM Schema included elements that more properly belong under Print Service. However update of Printer could not eliminate them until they were relocated in Print Service.

- ➢ Ira is aligning Printer Service elements with "mandatory" elements selected for IPP 2.0 by IPP2.0 WG (plus Media Names)

Dell CIM Provider Prototype Status

➢ **Classes:** The core provider can now Get and Enumerate instances of Printer, PrintInterlock, PrintInputTray, PrintOutputTray, PrintAlertRecord, PrintChannel, PrintInterpreter, PrintMediaPath, PrintMarker. Association classes next.

➢ **Properties:** Almost all the properties are filled in for Interlock and InputTray. Only the easy algorithmic properties are done for other classes, such as direct mappings, constants, nulls, Basis properties, AvailabilityStatus, CriticalStatus, NoncriticalStatus, InstanceID, Name, Description, Caption.

➢ **Operations:** It can now Get any instance by key, and can Enumerate all instances of any substantive class.

➢ **Limitations**
   - One printer at a time
   - Currently operates from MIB dump files rather than talking SNMP to real printers.

Prototyping Observations

- In reviewing the MIB Walks, some observations were made that affect the CIM provider implementation and probably affect other management applications.
    - Non-support of the extended input group (and to a lesser extent, the extended output group)
    - Enclosing string values in single or double quotation marks.
    - Few devices support the optional groups in Printer MIB.
    - It was also noted that some printers don't implement some basic SNMP variables such as sysName.

- Although some of these practices are not in violation of RFC3805, they do interfere with the usability of management applications. It was suggested that a Printing MIBs FAQ might be a good way to publicize these and other MIB pitfalls.

Evolve into "Imaging Equipment and Services Management" WG?

- **Assuming responsibilities of PWG MIB WG?**
  - ➢ The PWG MIB WG has a continuing maintenance function for support of existing MIBs, and the PWG should ensure that this is covered.
  - ➢ Despite our interest in Web Services, SNMP will be the predominant imaging equipment management mechanism for the foreseeable future.
  - ➢ WIMS-CIM is concerned with Management, as distinguished from protocols or semantics for utilization of functions (e.g., job delivery).
  - ➢ We have done MIBs as an extension of the management element definitions for Web Services.

- **Begin effort on standard MFD Devices MIBs?**

Next Steps

- Prototyping of the SNMP to CIM Provider continues.

- Proceed with the CIM effort to Print Service.

- Results of discussion at the WIMS WG F2F

More Info/How to participate

➢ **We welcome more participation from member companies**

    ❖ Element Selection

    ❖ MOF Evaluation/Proofing

    ❖ Change Request Generation

➢ **The group maintains a Web Page and separate WIKI pages for WIMS and for CIM update**

    http://www.pwg.org/wims/index.html

    http://pwg-wiki.wikispaces.com/WIMS

    http://pwg-wiki.wikispaces.com/WIMS-CIM

➢ **Subscribe to the WIMS mailing list by sending an e-mail to majordomo@pwg.org with a blank subject line and a message:**

    subscribe WIMS

➢ **WIMS holds periodic phone conferences, with dates, call numbers and agenda on PWG Google Calendar.**

    http://www.google.com/calendar/embed?src=istopwg%40gmail.com

PWG F2F Mtg, Plenary Session, October 2008
WIMS-CIM WG
Status

Rick Landau
Dell, CTO Office
2008/10/21 v0.1

Current State

- Printer device model in CIM schema is complete
  - Published in CIM Schema v2.19 as of 20080808
- Counters
  - All four Counter classes will be published in CIM schema v2.20, to be released this fall

Recent Activity

- Prototype progress
  - Initialization files generate runtime databases that specify relationships of data
    - Extracted from MOFs and MIBs (with Perl)
      - Some still require considerable hand editing (Thanks, Ira)
  - Simulation aids
    - SNMP retrieval stub to pull values from MIB dumps
      - Contributed (thanks, guys) and hand edited
  - Skeletons for all the substantive (=non-association) classes
    - Can Get and Enumerate all instances
    - Many basic properties filled in, working on others
- What code can be released?
  - Direction: contribute as open source under generous license

PWG Plenary Status Report
MFD Working Group

October, 2008
Lexington, KY PWG F2F Meeting

Purpose of the effort

The MFD working group is concerned with the modeling of imaging services and subunits that comprise a network connected Multifunction Device. The Objectives are:

- Drive to a standard semantic definition for an MFD's Subunits, Services, Jobs and Documents.
  - Agreement on the semantics of their attributes, operations and parameters.
- The Services currently being addressed are the Scan Service and the Resource Service.
  - The Print Service has already been addressed
  - The FaxOut Service has just beginning
- The definition of a framework for the complete model is an objective.

Current Status:
Scan Service

- Requirement and Use Cases complete.
- Scan Service Semantic Model and Service Interface are in PWG wide Last Call
- Schema and WSDL files have been updated to match the abstract model.
- Please send any comments to the mfd@pwg.org list.

Current Status: Remaining Services

- Resource Service Semantic Model and Service Interface is being actively worked.

- FaxOut Service Semantic Model and Service Interface straw man proposal is being prepared
  - A high level discussion of the FaxOut Service objects and interfaces will be held at this meeting

- Schema and WSDL files have been updated to match the evolving abstract model.

- Please send any comments to the mfd@pwg.org list.

Next Steps

- Complete PWG Last Call of Scan Service Semantic Model and Service Interface specification.

- Begin PWG Formal Vote of Scan Service Semantic Model and Service Interface specification.

- Work out remaining issues in the Resource Service Semantic Model and Service Interface Document.

- Send the straw man proposal for the FaxOut Service Semantic Model and Service Interface Document to the group once input from this meeting is incorporated.

More Info/How to participate

- ➢ **We welcome more participation from member companies**
- ➢ **The group maintains a Web Page for MFD including a browsable schema**

  http://www.pwg.org/mfd/index.html

  http://www.pwg.org/mfd/navigate/Smrev108a_Server.html

- ➢ **The Latest Schema and WSDL files are available at**

  ftp://ftp.pwg.org/pub/pwg/mfd/schemas/PWG-SM2-Latest.zip

- ➢ **The Requirements and Use Case document is available at at**

  ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdscanreq10-20080131.pdf

- ➢ **The Model document is available at at**

  ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdscanmodel10-20080131.pdf

More Info/How to participate

➢ **We welcome more participation from member companies**

➢ **The group maintains a Web Page for MFD including a browsable schema**

  http://www.pwg.org/mfd/index.html

  http://www.pwg.org/mfd/navigate/Smrev108a_Server.html

➢ **Subscribe to the MFD mailing list by sending an e-mail to majordomo@pwg.org with a blank subject line and a message:**

  subscribe MFD

➢ **MFD holds periodic phone conferences, with dates, call numbers and agenda on PWG Google Calendar.**

  http://www.google.com/calendar/embed?src=istopwg%40gmail.com

PWG Plenary Status
IPPv2 Working Group

Lexington, KY - PWG F2F Meeting

October 21, 2008

Goals

- There are currently multiple extensions to IPP version 1.1.
    - 7 approved IETF RFCs
    - 6 approved PWG ISTO standards
- Many IPP implementers are unaware of the existence of all these extensions.
- A new IPPv2 (or v2.0, 2.1, ..., 2.X) standard will bring attention to these extensions and encourage their adoption.
- No new extensions will be developed.

IPPv2 Working Group Officers

- ## IPPv2 WG Chair:
  - Ron Bergman (Ricoh) TBD

- ## IPPv2 WG Secretary:
  - Craig Whittle (Sharp)

- ## IPPv2 WG Document Editors:
  - Mike Sweet (Apple)
  - Ira McDonald (High North)

Current Document Status

IPP 1.0 Documents
- **RFC 2565 Internet Printing Protocol/1.0: Encoding and Transport**
- **RFC 2566 Internet Printing Protocol/1.0: Model and Semantic**

IPP 1.1 Documents
- **RFC 2910 Internet Printing Protocol/1.1: Encoding and Transport**
- **RFC 2911 Internet Printing Protocol/1.1: Model and Semantics**
- **RFC 3510 Internet Printing Protocol: IPP URL Scheme**

IPP Other Documents
- **RFC 3380 Internet Printing Protocol: Job and Printer Set Operations**
- **RFC 3381 Internet Printing Protocol: Job Progress Attributes**
- **RFC 3382 Internet Printing Protocol: The 'collection' attribute syntax**
- **RFC 3995 Internet Printing Protocol: Event Notifications AND Subscriptions**
- **RFC 3996 Internet Printing Protocol: The 'ippget' Delivery Method for Event Notifications**

- **RFC 3998 Internet Printing Protocol: Job and Printer Administrative Operations**
- **PWG 5100.1 Internet Printing Protocol: "finishings" attribute values extension**
- **PWG 5100.2 Internet Printing Protocol: "output-bin" attribute extension**
- **PWG 5100.3 Internet Printing Protocol: Production Printing Attributes – Set 1**
- **PWG 5100.5 Internet Printing Protocol: Document Object**
- **PWG 5100.6 Internet Printing Protocol: Page Overrides**
- **PWG 5100.7 Internet Printing Protocol: Job Extensions**
- **PWG 5100.8 Internet Printing Protocol: "-actual" Attribute**
- **PWG 5101.1 PWG Standard for Media Size Names**

New IPPv2 Groups

- Version 2.0 to include all 1.1 plus:
    - **PWG 5100.1 "finishings" attribute extensions**
    - **PWG 5100.2 "output-bin" attribute extensions**
    - **PWG 5101.1 PWG Standard for Media Size Names**
- Version 2.1 to include all 2.0 plus:
    - **RFC 3380 Job and Printer Set Operations**
    - **RFC 3381 Job Progress Attributes**
    - **RFC 3382 The 'collection' Attribute Syntax**
    - **RFC 3995 Event Notifications and Subscriptions**
    - **RFC 3996 'ippget' Delivery Method for Notifications**
    - **RFC 3998 Job and Printer Administrative Operations**
    - **PWG 5100.7 Job Extensions**
- Version 2.2 to include all of 2.1 plus:
    - **PWG 5100.3 Production Printing Attributes, Set 1**
    - **PWG 5100.5 Document Object**
    - **PWG 5100.6 Page Overrides**
    - **PWG 5100.8 "-actual" Attributes**

New IPPv2 Groups

Version mapped to Printer Types:

- IPPv2.0
  - Simple Workgroup Printer

- IPPv2.1
  - Enterprise Printer Environment

- IPPv2.2
  - Production Printer Environment

1.1 Required Operations

- **0x0002   Print-Job**
- **0x0004   Validate-Job**
- **0x0008   Cancel-Job**
- **0x0009   Get-Job-Attributes**
- **0x000A   Get-Jobs**
- **0x000B   Get-Printer-Attributes**

2.0 Required Operations

- **0x0002**   **Print-Job**
- **0x0004**   **Validate-Job**
- **0x0008**   **Cancel-Job**
- **0x0009**   **Get-Job-Attributes**
- **0x000A**   **Get-Jobs**
- **0x000B**   **Get-Printer-Attributes**

2.1 Required Operations, pg 1

- **0x0002**   **Print-Job**
- **0x0004**   **Validate-Job**
- **0x0005**   **Create-Job**
- **0x0006**   **Send-Document**
- **0x0008**   **Cancel-Job**
- **0x0009**   **Get-Job-Attributes**
- **0x000A**   **Get-Jobs**
- **0x000B**   **Get-Printer-Attributes**
- **0x000C**   **Hold-Job**
- **0x000D**   **Release-Job**
- **0x000E**   **Restart-Job**
- **0x0010**   **Pause-Printer**
- **0x0011**   **Resume Printer**
- **0x0012**   **Purge-Jobs**

2.1 Required Operations, pg 2

- **0x0013**   **Set-Printer-Attributes**
- **0x0014**   **Set-Job-Attributes**
- **0x0015**   **Get-Printer-Supported-Values**
- **0x0016**   **Create-Printer-Subscriptions**
- **0x0018**   **Get-Subscription-Attributes**
- **0x0019**   **Get-Subscriptions**
- **0x001A**   **Renew-Subscription**
- **0x001B**   **Cancel-Subscription**
- **0x001C**   **Get-Notifications**
- **0x0022**   **Enable-Printer**
- **0x0023**   **Disable-Printer**

2.2 Required Operations, pg 1

- 0x0002   Print-Job
- 0x0004   Validate-Job
- 0x0005   Create-Job
- 0x0006   Send-Document
- 0x0007   Send-URI
- 0x0008   Cancel-Job
- 0x0009   Get-Job-Attributes
- 0x000A   Get-Jobs
- 0x000B   Get-Printer-Attributes
- 0x000C   Hold-Job
- 0x000D   Release-Job
- 0x000E   Restart-Job
- 0x0010   Pause-Printer
- 0x0011   Resume Printer
- 0x0012   Purge-Jobs
- 0x0013   Set-Printer-Attributes
- 0x0014   Set-Job-Attributes
- 0x0015   Get-Printer-Supported-Values

2.2 Required Operations, pg 2

- 0x0016   Create-Printer-Subscriptions
- 0x0017   Create-Job-Subscriptions
- 0x0018   Get-Subscription-Attributes
- 0x0019   Get-Subscriptions
- 0x001A   Renew-Subscription
- 0x001B   Cancel-Subscription
- 0x001C   Get-Notifications
- 0x0022   Enable-Printer
- 0x0023   Disable-Printer
- 0x0024   Pause-Printer-After-Current-Job
- 0x0025   Hold-New-Jobs
- 0c0026   Release-Held-New-Jobs
- 0x0027   Deactivate-Printer
- 0x0028   Activate-Printer
- 0x0029   Restart-Printer
- 0x002A   Shutdown-Printer

2.2 Required Operations, pg 3

- **0x002B**   **Startup-Printer**
- **0x002D**   **Cancel-Current-Job**
- **0x002E**   **Suspend-Current-Job**
- **0x002F**   **Resume-Job**
- **0x0030**   **Promote-Job**
- **0x0031**   **Schedule-Job-After**
- **0x0033**   **Cancel-Document**
- **0x0034**   **Get-Document-Attributes**
- **0x0035**   **Get-Documents**
- **0x0036**   **Delete-Document**
- **0x0037**   **Set-Document-Attributes**

Work In Process

- IPPv2 Specification In Process
  - Required Operations list is stable
  - Current version is October 10, 2008

- Defining Required IPP Operation Attributes
  - Initial proposal is in latest draft
  - All optional attributes from RFC 2911 reviewed
  - Many have been added to v2.0, v2.1, and 2.2
  - Need to review attributes from other RFCs and PWG specifications.

General

- Teleconferences are held bi-weekly at 4 pm EDT
- The teleconference schedule:
  - November 3
  - November 17
  - December 3-5 (Face to Face meeting)

- Contact Information
  - Email distribution list   ipp@pwg.org
  - To subscribe to the IPP mail list see:
    http://www.pwg.org/mailhelp.html

PWG Plenary Status PDM Working Group

Lexington, KY - PWG F2F Meeting
October 21, 2008

PWG Plenary Status Imaging Device Security (IDS) Working Group

Lexington, KY - PWG F2F Meeting

October 21, 2008

Purpose of the effort

- The industry is moving beyond basic authentication for access to corporate networks to a fairly detailed assessment of the device that is connecting before being allowed to access the network.
  - Examples of what's being measured for PC Clients:
    - OS Type, Version, Patch Level
    - Anti-virus Type, Version, Definition Level, Is Active
- Hardcopy Devices attach to networks, but there's no standard set of metrics that is used to assess an HCD.
- Our Goal is to provide these metrics!!!

Work Items for the WG

- **What We're Doing**
  - Defining a standard set of metrics that might be measured or assessed in Hardcopy Devices to gauge if they should be given access to a network
  - Defining example "bindings" for how these metrics are used in the individual network assessment protocols.

- **What We're NOT Doing**
  - We are NOT defining any new assessment protocols or assessment extensions to existing authentication protocols.
  - We are NOT endorsing any of the competing network assessment protocols (NEA/TNC, NAC, NAP), but plan to enable Hardcopy Devices to participate in any/all of them.

Working Group Officers

IDS WG Chairs:
- Peter Cybuck (Sharp),
- Ron Bergman (Ricoh)

- IDS WG Secretary:
  - Lee Farrell (Canon)

- IDS WG Document Editors:
  - Jerry Thrasher (Lexmark),
  - Ron Nevo (Sharp)
  - Brian Smithson

Status

- Reviewed Network Assessment Protocols
  - Cisco NAC (Network Access Control)
  - TCG TNC (Trusted Network Connect)
  - Microsoft NAP (Network Access Protection)
  - IETF NEA (Network Endpoint Assessment)
- NAP has been targeted to be the first candidate
  - Well documented (public documents)
  - Supported in MS O/S versions
- Current effort is to
  - Complete Assessment Attribute Specification.
  - Complete the binding to NAP for HCD Attributes.
    - Define the required NAP protocol stack support.
- Next Step
  - Start an HCD to NEA binding document

Schedule

- Q1 2008: Initial education and Study
  - Specify Network Assessment Protocols COMPLETE
  - Develop (Use Cases) and Requirements COMPLETE
- Q2 2008: Draft Proposals
  - Required Minimal Attribute Set COMPLETE
  - Extended Attribute Set COMPLETE
- Q3 2008:
  - HCD Health Assessment Attributes Spec IN REVIEW
  - NAP Binding Spec Proposal IN REVIEW
- Q4 2008:
  - Complete HCD Attributes Spec
  - Finalize NAP Binding Spec
  - Start NEA Binding Spec

Current Documentation

- ## HCD Health Assessment Attributes Spec
  - ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-idsattributes10-20080917.pdf (.doc)

- ## HCD Health Assessment NAP Binding Spec
  - ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-napsoh10-20081008.pdf (.doc)

- ## Microsoft NP Protocols
  - ftp://ftp.pwg.org/pub/pwg/ids/white/Microsoft%20NAP%20Protocols.pdf (.ppt)

General

- Teleconferences are held bi-weekly at 1 pm EDT
- The teleconference schedule:
  - November 6
  - November 20
  - December 3-5 (Face to Face meeting)

- Contact Information
  - Email distribution list   ids@pwg.org
  - To subscribe to the IDS mail list see:
      http://www.pwg.org/mailhelp.html

PWG Process/IP Policy Update Status

- The updated documents have been out for review by ALL PWG members since Sept. 2.
- Summary of questions/issues raised
  - One minor inconsistency with the boilerplate language in the IP Policy document and the text. Boilerplate indicates that the IP Policy document may change without notice...this is clearly not true.
  - Question/Issue about the "Reasonable and Good Faith Inquiry" definition and how it relates to the actual operation of the IP Policy.
  - 2 Separate questions about the process to be used for the Call for Intellectual Property.
  - Question/Issue about the PWG officers and what power they held in relation to the "acceptance" of a Letter of Assurance.
  - Questions about the breadth of what's considered a contribution in the Confidentiality section.

PWG Process/IP Policy Discussion Results

IP Policy Next Steps

- Pending No Show-stopping Issues
  - New membership agreements that acknowledge/accept the new Process and IP Policy will be sent with the invoices starting in early November.
  - New policies go into effect on January 1, 2009. (either via completed membership documents or via the note well)

Other PWG Matters

- IDS and IPP Chair (Co-Chairs)

Questions/Discussion?

Plenary Adjourned!