



# The Printer Working Group

IPP Workgroup Session #1

May 13, 2014

PWG F2F Meeting

Cupertino, CA

# IPP WG Meeting Agenda



## August 13, 2014 (Session #1)

| When        | What                   |
|-------------|------------------------|
| 3:15 - 3:30 | Status                 |
| 3:30 - 5:00 | IPP Self-Certification |

## August 14, 2014 (Session #2)

| When          | What  |
|---------------|---|
| 11:15 - 12:00 | IPP Shared Infrastructure Extensions (IPPSIX) |
| 12:00 - 1:00  | Lunch   |
| 1:00 - 3:00   | IPP Implementor's Guide 2.0                   |
| 3:00 - 3:15   | Break   |
| 3:15 - 4:45   | IPP Scan Service                              |
| 4:45 - 5:00   | Next Steps                                    |

# IPP WG Officers



- **IPP WG Co-Chairs:**
  - Paul Tykodi (TCS)
  - Ira McDonald (High North)
- **IPP WG Secretary:**
  - Michael Sweet (Apple)
- **IPP WG Document Editors:**
  - Ira McDonald (High North) – IPP Shared Infrastructure Extensions (IPPSIX), IPP System Control Service, IPP over HTTPS Transport Binding and “ipps” URI Scheme, LDAP Schema for Printer Services
  - Michael Sweet (Apple) – IPP Shared Infrastructure Extensions (IPPSIX), IPP System Control Service, IPP over HTTPS Transport Binding and “ipps” URI Scheme, LDAP Schema for Printer Services, IPP Finishings 2.0
  - Smith Kennedy (HP) - IPP Implementor’s Guide 2.0
  - Peter Zehler (Xerox) - IPP Scan Service



- IETF RFCs in development:
  - IETF IPP over HTTPS Transport Binding and “ipps” URI Scheme
    - IETF Apps Area Review
  - IETF LDAP Schema for Printer Services (updates RFC 3712)
    - IETF Apps Area Review
- PWG Specifications in development:
  - IPP Everywhere Printer Self-Certification Manual 1.0
    - Prototype Draft
  - **IPP Finishings 2.0** **- Stable Draft (PWG Last Call)**
  - IPP Implementors Guide 2.0
    - Interim Draft
  - IPP Scan Service
    - Stable Draft
  - IPP Shared Infrastructure Extensions (IPPSIX)
    - Prototype Draft



- Recent Candidate Standards:
  - PWG 5100.15-2014: IPP FaxOut Service (errata)
- Up-to-date pending IANA registrations online:
  - <http://www.pwg.org/ipp/ipp-registrations.xml>
  - Continue to maintain this in parallel for new specifications
    - PWG version includes draft specifications that have reached prototype status



# IPP Finishings 2.0 (FIN2)

- PWG Last Call until August 22, 2014
- A quorum of PWG members (30% or 10 members) must acknowledge a PWG Last Call (with or without comments), before any document can progress to PWG Formal Vote.
- Please email your acknowledgement!
  - To: [ipp@pwg.org](mailto:ipp@pwg.org), [blueroofmusic@gmail.com](mailto:blueroofmusic@gmail.com), [ptykodi@tykodi.com](mailto:ptykodi@tykodi.com), [msweet@apple.com](mailto:msweet@apple.com)
  - Subject: <Company Name> has reviewed the IPP Finishings 2.0 specification and has [no] comments

# IPP Everywhere Printer Self-Certification



- Current (prototype) draft of IPP Everywhere Self-Certification Manual 1.0:
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20140729-rev.pdf>
- Standards track document with tools:
  - Minor releases (1.x, 2.x, etc.) will be errata with PWG Call For Objection process
  - Major releases (1.0, 2.0, etc.) will go through PWG Last Call and Formal Approval process
  - Tools and document released together on pwg.org
- Proposed schedule:
  - Prototype experience and stable draft Q4 2014
  - WG Last Call Q4 2014
  - PWG Last Call Q1 2015

# IPP Everywhere Printer Self-Certification



- What we have today:
  - Client software in current Linux OS distributions
  - IPP test tool (CUPS ipptool)
  - Bonjour test tool (CUPS ippfind)
  - Test files for ipptool
  - Sample PDF, JPEG, and PWG Raster files for testing
  - Prototype draft of self-certification manual and license agreement
  - IPP Everywhere logo (trademarks filed but not yet issued):





# IPP Everywhere Printer Self-Certification



- Next steps:
  - Complete the test tool packages (currently just OS X and Linux)
  - Complete the web pages on [pwg.org](http://pwg.org)
  - Get guinea pigs to test the process and tools:





# The Printer Working Group

IPP Workgroup Session #2

August 14, 2014

PWG F2F Meeting

Toronto, CA

# IPP WG Meeting Agenda



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# IPP Shared Infrastructure Extensions (IPPSIX)



- Current (prototype) draft at:
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20140226.pdf>
- Proposed schedule:
  - Prototype experience and stable draft Q3/Q4 2014
  - WG Last Call Q4 2014



# The Printer Working Group

Lunch Break



# IPP Implementor's Guide 2.0

- Current (interim) draft at:
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20140410-rev.pdf>
- Proposed schedule:
  - Prototype draft Q3 2014
  - Stable draft and WG Last Call Q3/Q4 2014
  - PWG Last Call Q4 2014



# The Printer Working Group

Scheduled Break

# IPP Scan Service



- Current (stable) draft at:
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippscan10-20140725-rev.pdf>
- Completed PWG Last Call on July 21, 2014
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/IPPScanComments.pdf>
  - 12 members responded
  - 12 technical comments
  - 130 editorial comments
- Proposed schedule:
  - Updated stable draft and PWG Formal Vote Q3 2014



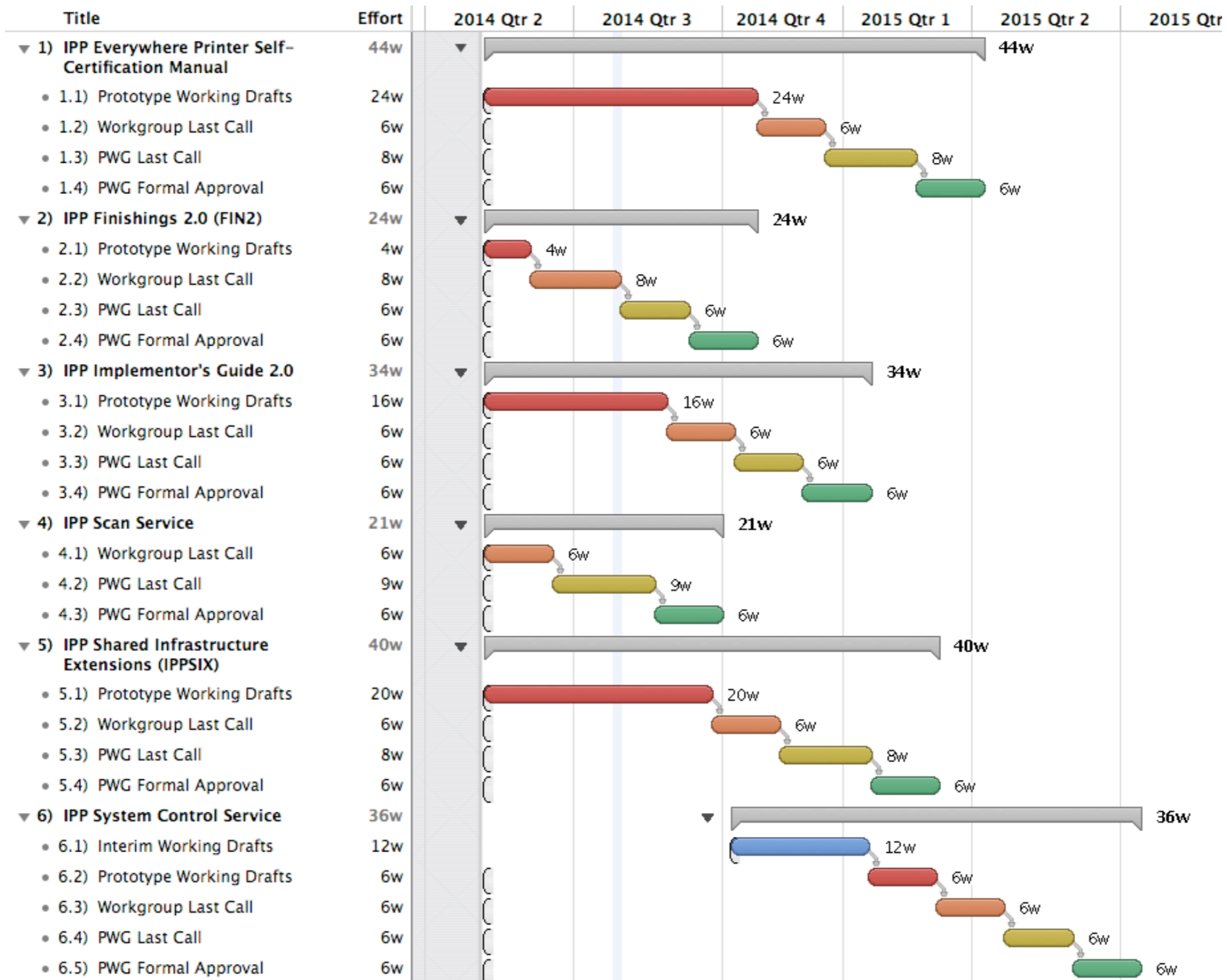


# The Printer Working Group

## Next Steps



# IPP WG Next Steps





# IPP WG Next Steps

- **IPP Everywhere Printer Self-Certification Manual 1.0**
  - Prototype experience (testing) and stable draft in Q4 2014
  - WG Last Call in Q4 2014
- **IPP Finishings 2.0 (FIN2)**
  - PWG Last Call in Q3 2014
  - PWG Formal Approval in Q3/Q4 2014
- **IPP Implementor's Guide 2.0 (IIG2)**
  - Prototype experience and stable draft in Q3 2014
  - WG and PWG Last Call in Q3/Q4 2014
- **IPP Scan Service**
  - PWG Formal Approval in Q3 2014
- **IPP Shared Infrastructure Extensions (IPPSIX)**
  - Prototype experience and stable draft in Q3 2014
  - WG Last Call in Q4 2014
  - PWG Last Call in Q4 2014/Q1 2015

# IPP WG Next Steps



- IPP System Control Service (Mike/Ira)
  - Initial working draft in Q4 2014
- Investigate advancing IPP/2.0 and/or IPP Everywhere to full IEEE-ISTO standards
  - ... and IPP/1.1 to full IETF standard based on IPP/2.0 interoperability results
  - Maybe start this effort Q1/Q2 2015?



# IPP WG Info / Participation

- We welcome participation from all interested parties
- IPP Working Group web page
  - <http://www.pwg.org/ipp/index.html>
- Subscribe to the IPP mailing list
  - <https://www.pwg.org/mailman/listinfo/ipp>
- IPP WG holds bi-weekly phone conferences announced on the IPP mailing list
  - Next conference calls August 25, 2014 and September 15, 2014 at 3pm ET