

# Internet Printing Protocol Meeting Minutes

## September 14, 2023

Meeting was called to order at 3pm ET.

### Attendees

Benjamin Gordon (Google)  
Smith Kennedy (HP)  
Jeremy Leber (Lexmark)  
Ira McDonald (High North)  
Piotr Pawliczek (Google)  
Anthony Suarez (Kyocera)  
Michael Sweet (Lakeside Robotics)  
Bill Wagner (TIC)  
Steven Young (Canon)

### Agenda Items

1. Antitrust and IP policies, minute taker
  - [https://www.pwg.org/chair/membership\\_docs/pwg-ip-policy.pdf](https://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf)
  - [https://www.pwg.org/chair/membership\\_docs/pwg-antitrust-policy.pdf](https://www.pwg.org/chair/membership_docs/pwg-antitrust-policy.pdf)
  - Antitrust and IP policies accepted, Mike taking minutes
2. IPP minutes from previous meetings
  - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20230831.pdf>
  - Approved as posted
3. Status/Review of various IPP mailing list notes
  - <https://www.pwg.org/archives/ipp/2023/021412.html>
    - Printer Management System (Anthony, Smith, Uli, Mike)
    - No new updates since the August 31 meeting
  - <https://www.pwg.org/archives/ipp/2023/021448.html>
    - [PWG5100.3] Issue #119: Section 12.1: Title should say "v2.0" rather than "v1.1" (Smith)
    - Action; Mike to address 5100.3 and 5100.16 editorial errata
  - <https://www.pwg.org/archives/ipp/2023/021449.html>
    - Fwd: [SC] FW: Question - CSS Working Group Activities & W3C Publishing Business Group Goals (Paul/Ira)
    - Original presentation/recommendations came from the old Semantic Model WG, new involvement would have to come from the IPP WG
    - Primary use cases are for formatting and printing content like invoices, etc. and publishing of books, magazines, etc.
    - Consensus is that our recommendations to the W3C 10 years ago

- remain valid
  - Continue monitoring CSS WG and participate as needed
  - Discuss in SC whether XHTML-Print or CSS-Print are still relevant/ need to be updated
    - Mike: Also some other specs like UPDF
  - <https://www.pwg.org/archives/ipp/2023/021452.html>
    - [PWG5100.16] Issue #120: 5100.16-2020: "section 0" in last paragraph of section 1
  - <https://www.pwg.org/archives/ipp/2023/021453.html>
    - [PWG5100.16] Issue #121: 5100.16-2020: "print-scaling" still listed in ToC
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
    - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20230821.htm>
    - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20230828.htm>
    - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20230911.htm>
    - See PWG Steering Committee minutes from 08/21/23, 08/28/23, 09/11/23
  5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
    - PWG Media Standardized Names v2.1 (Mike)
      - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgmsn21-20230724.pdf>
      - PWG discussion at PWG August F2F on 08/09/23
      - PWG Call for Objections started 08/15/23 ends 09/15/23
      - Schedule - PWG publication in Q3 2023
      - Action: Mike to publish MSN 2.1 update when passed
  6. IPP Enterprise Printing Extensions v2.0 - status (Smith)
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20230206.pdf>
    - Prototype draft - for a Candidate Standard
    - PWG status at PWG August F2F on 08/09/23
    - IPP WG status on 08/31/23
    - Waiting for Job Release prototyping
    - Schedule - Stable draft in Q3/Q4 2023
  7. IPP OAuth Extensions v1.0 - status (Mike, Smith, Benjamin, Piotr)
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippoauth10-20230725-rev.pdf>
    - Interim draft of IPP OAuth Extensions v1.0 posted on 07/25/23 (Mike)
    - PWG review at PWG August F2F on 08/09/23
    - IPP WG status on 08/31/23
    - Schedule - Prototype draft in Q4 2023
    - Smith: Have been investigating SHA-256 fingerprint for OAuth + self-signed certs
  8. IPP Everywhere 2.0
    - Focus is on getting self-cert going (Mike) and evangelizing it (Smith)
    - Smith: Also making sure that we have a list of all the new attributes, etc. and that they are covered in IPP Everywhere 2.0
    - Smith: Categories need work, no way to prevent self-certification of devices as less capable versions
      - Need to have a way to tell the self-cert tool what features to expect, so that all features of a printer are supported through IPP
      - Ira: Focus on sub-types, capabilities, and features, not categories

- e.g. roll-fed printers support the following features
- Mike: Original goal was to address some of the newer classes of devices available since 1998, logical vs. physical devices is a non-feature distinction
  - Put categories and "typical" features for each in IPP/2.x, reference these in IPP Everywhere 2.0
  - IPP/2.x is a "pointer" spec, IPP Everywhere 2.0 is the certification spec
- Mike and Smith will work on list of features, capabilities, and/or subtypes for IPP Everywhere 2.0, for discussion at next concall

## **Next Steps / Open Actions**

- Next conference calls on September 28 and October 12, 2023 at 3pm
- Action; Mike to address 5100.3 and 5100.16 editorial errata
- Action: Mike to publish MSN 2.1 update when passed
- Action: Smith to create IPP Everywhere 2.0 slides showing changes (PENDING - in progress)
- Action: Mike to update IPP Everywhere 2.0 test files (PENDING)