

Internet Printing Protocol Meeting Minutes

January 30, 2025

Meeting was called to order at 3:00pm ET.

Attendees

Charles Armstrong (Canon)
Benjamin Gordon (Google)
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Michael Sweet (Lakeside Robotics)
Anthony Suarez (Kyocera)
Bill Wagner (TIC)
Uli Wehner (Ricoh)

Agenda Items

1. PWG IP policy, minute taker, administrivia
 - Mike is taking minutes
2. Review IPP minutes from previous meetings:
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20250116.pdf>
 - Approved as posted
3. Mailing list notes:
 - [PWG5100.13] Issue #135: 6.2.3 print-color-mode (type2 keyword) - support non-black monochrome non-black printers
 - <https://www.pwg.org/pipermail/ipp/2025/021802.html>
 - Mike: Might want to map 'monochrome' to colors other than black, 'white' would be a common one. Maybe extend names to be 'monochrome_PWGCOLORNAME' to specify a color
 - Smith: Some conflicts with other standards/earlier attributes and values, interop with Clients that may only support auto, color, and monochrome, assume that 'monochrome' means black/grayscale
4. Last Calls:
 - IPP Shared Infrastructure Extensions v1.1 (INFRA)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippinfra11-20240807.pdf>
 - <https://www.pwg.org/pipermail/ipp/2025/021803.html>
 - IPP last call ends February 7, 2025 at 10pm ET
 - IPP System Service v1.1 (SYSTEM)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem11-20241011.pdf>
 - <https://www.pwg.org/pipermail/ipp/2025/021804.html>
 - IPP last call ends February 7, 2025 at 10pm ET
5. Slide review:

- <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-february-25.pdf>
 - Slide 3: 12.00 -> 12:00
 - Slide 5: 2 issues for 5100.13-2023
 - Slide 17:
 - Add a note - feature request to show IPP job ticket attributes/values as things are changed?
 - Slide 20: 12.00 -> 12:00
 - Slide 21: Fix text scaling
 - Slide 30: 2025, not 2024
6. Roll media discussion (Mike/Smith)
- Mike: Separate roll and custom (sheet) size ranges for different media paths/media sources
 - Smith: what are expectations for a printer that is printing on a roll when printing smaller sizes?
 - Mike: Printer reports what it supports, up to the printer to not report/ support something it can't, client might send a full-width strip that is composed of multiple images vs. having the printer doing the work
 - Smith: What's the division of labor? Does the Client do the imposition or the Printer?
 - Mike: IPP will support both models, with automatic and explicit imposition templates on the printer side, most clients won't know to send imposition-template, often a printer console setting
 - Smith: Maybe this needs to be in the implementor's guide or additions to PPX or JOBEXT?
 - Next steps:
 - Get more implementation feedback to identify any items that need clarification

Next Steps / Open Actions

- F2F meetings on February 4 and 5, 2025
- Next conference calls on February 27 and March 13, 2025 at 3pm
- Talk about more "Strong Device Identity" at future (soon) concall, determine requirements/use cases
- Action: Mike to start IPP WG Last Calls of INFRA and SYSTEM ending Feb 7th (DONE)
- Action: Mike to update the IPP How-To Guide and post to IPP list for discussion (PENDING)
- Action: Mike to update IPP Everywhere 2.0 test files (PENDING - started work on it)