IPPv2 Conference Call Minutes
February 21, 2008

Meeting was called to order at approximately 11 am (EST) February 21, 2008.

Attendees

Ron Bergman	Ricoh
Ira McDonald	High North
Dave Whitehead	Lexmark
Craig Whittle	Sharp
Bill Wagner	TIC
Peter Zehler	Xerox

General Discussion

❖ Minutes from the January 3rd teleconference (see
ftp://ftp.pwg.org/pub/pwg/ipp/ippv2-minutes/IPPv2-ConCall-Minutes-20080214.pdf) were
approved.

❖ Ira still working on to obtain a list of the supported IPP operations and
attributes from Norm Jocobs regarding Open Solaris. Ira reported that Open
Solaris uses either the IPP standard or from CUPS rather that invent a new
operation or attribute.

❖ The working group reviewed the Michael Sweet's proposal to layer IPPv2 by
use case or target market (see proposal below)

IPPv2 ver.	Use case / Market	Specifications
2.0	workgroup printer	2911 (IPP/1.1: Model and Semantics) 5100.1 ("finishings" attribute values extension) 5100.2 ("output-bin" attribute extension) 5101.1 (Standard for Media Standardized Names)
2.1	workgroup print server	2.0 + 3380 (IPP: Job and Printer Set Operations) 3381 (IPP: Job Progress Attributes) 3382 (IPP: The Collection Attribute Syntax) 3995 (IPP Event Notifications and Subscriptions) 3996 (The 'ippget' Delivery Method for Event Notifications) 3998 (IPP Job and Printer Administrative Operations) 5100.7 (IPP Job Extensions)
2.2	production print server	2.1 + 5100.3 (Production Printing Attributes - Set1) 5100.5 (IPP Document Object) 5100.6 (IPP Page Overrides) 5100.8 (IPP "-actual" attributes)

- ❖ Ron to draft list of operations for each use case / target market—perhaps by specification (+ operations).

- ❖ Need to find out what is in CUPS 1.3 and what will be in CUPS 1.4.

- ❖ Notification by polling should be considered. E-mail notification is dead as an IPP specification.

- ❖ MS Windows implementation of IPP is not very robust.

  - ➢ A "completed" job status is not properly processed preventing the next jobs from starting.

  - ➢ Data was also misinterpreted

  - ➢ IPP support in Vista is unstable.

- ❖ Linux market seems to be limited to Linux and MAC OS (goes beyond just CUPS).

  - ➢ Port 9100 and LPR is still most widely used protocol

  - ➢ Will WSD Print be able to penetrate the market?

    - ▪ MS Windows Server 2008 may increase penetration

- ❖ Apple market share has nearly doubled in the last year (taking away from Linux market share).

- ❖ Should we attempt a survey of IPP support in printers?

  - ➢ Pete had a list of IPP implementations at one time.

  - ➢ What about collecting this information from marketing publications?

  - ➢ Getting a list of specifics may be difficult. It may be easier to contact former participants to comment on the draft standard.

- ❖ Customer just want simple printing

  - ➢ Progress bar desirable but not always accurate

Next Steps / Open Actions:

- ❖ Ira to query Novell (Ted Tronson) to see if we can get participation. Ira will also invite Norm Jacobs and Michael Sweet to participate.

- ❖ IPP command list. Ron to add column to indicate if the operation is required or optional. He will also add a column for specify IPP "level" from Michael Sweet's proposal.