

Study of the Print Channel Monitor Interface

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OpenPrinting WG Japan/Asia

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April 13, 2005



Print Channel Manager



PCM – Status update – April 2005

- ❁ Revise Use case of PCM
 - ❁ Add MFP use case
- ❁ Revise PCM I/F according to Use case
- ❁ PCM/Draft will be coming soon
- ❁ PCM/Draft focus to provide Vender independent Bi-Di I/F for various devices
 - ❁ WG Directory: <ftp://ftp.pwg.org/pub/pwg/fsg/pcm/>
 - ❁ Generic Information: <http://www.openprinting.org/>



PCM Use Case

UC010: Apps handle copy using MFP

UC011: Apps read image from PC-Card on MFP and print out the image to MFP

UC012: Apps scan image using scanner on MFP and write image data to PC-Card on MFP

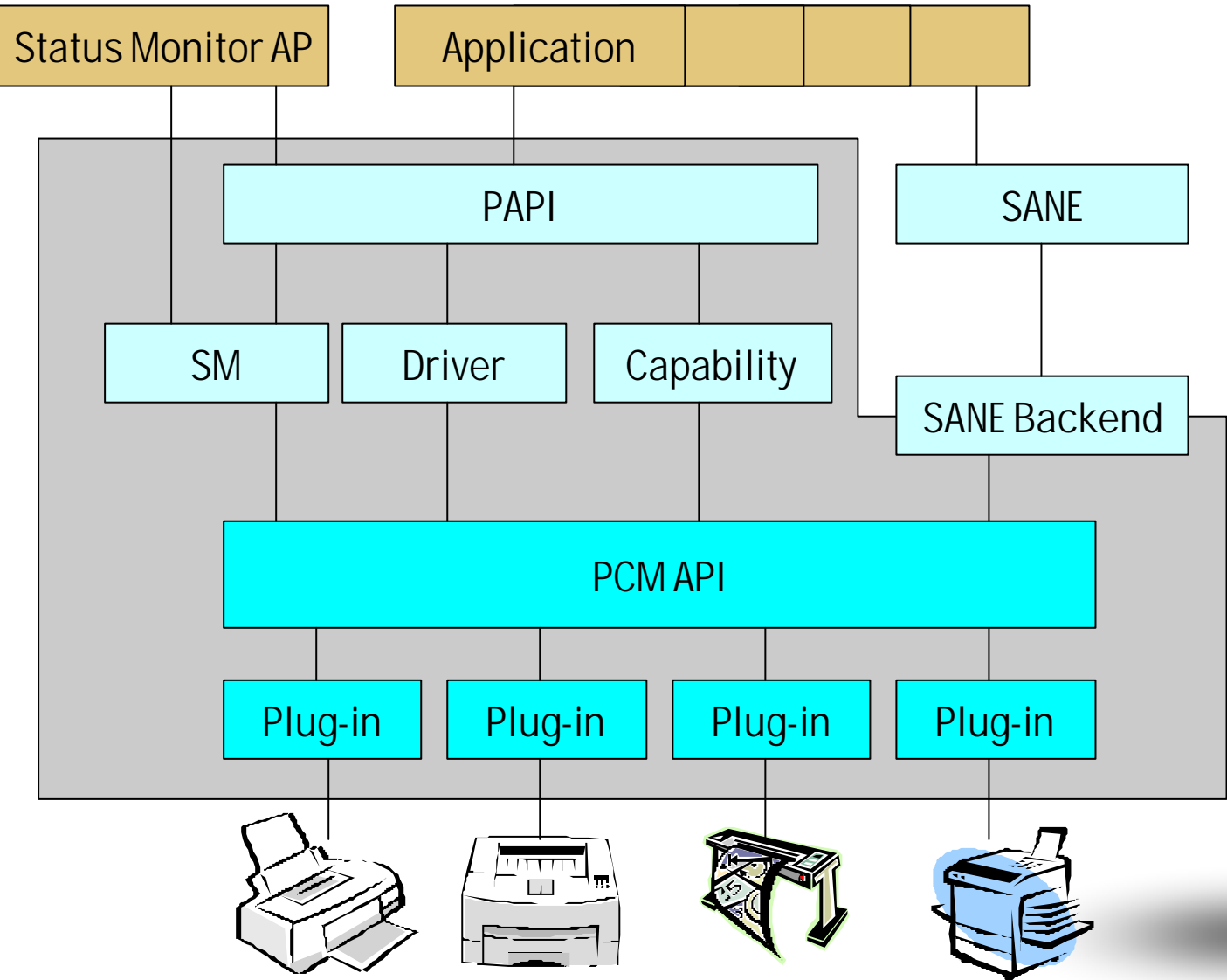
UC013: Apps scan image using scanner and fax out the image to MFP

UC014: Apps get Fax data from MFP and Print out to MFP

...and so on



Block Diagram – PCM and partners



PCM Interface

- ❁ fsgpcmOpen()
 - ❁ Open port with specific port type and device
 - ❁ Upper layer can open plural ports to a device
- ❁ fsgpcmClose()
 - ❁ Close port
- ❁ fsgpcmRead()
 - ❁ Read data from port
- ❁ fsgpcmWrite()
 - ❁ Write data to port
- ❁ fsgpcmControl()
 - ❁ Used to send control command
 - ❁ Control command will be define as Open Printing Standard

