



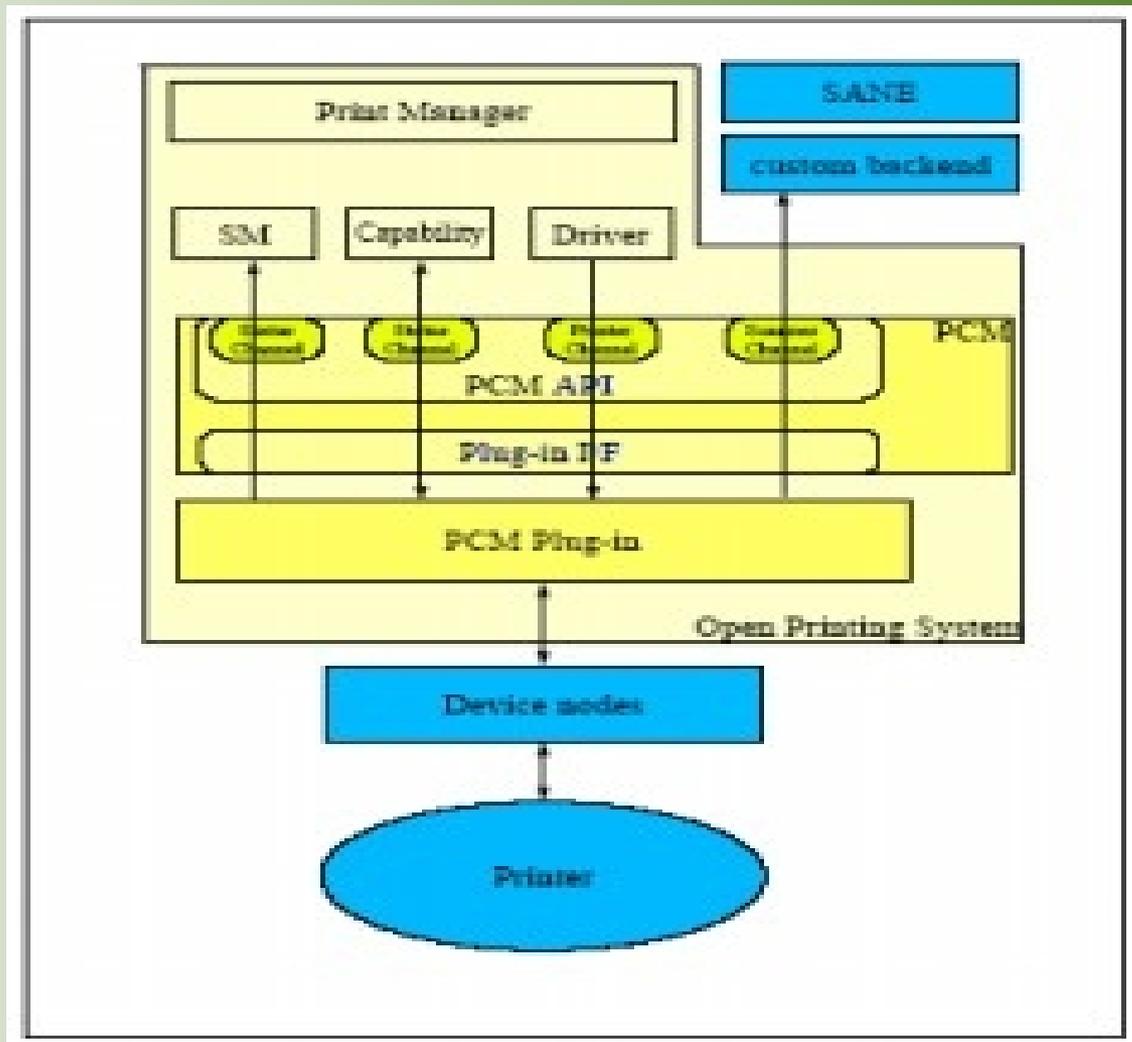
# • Overview of PCM

- PCM is wrapper module for device files
- PCM manage data channel between driver and status monitor to device
  - ✘- Upper layer can use Bi-Di channel via PCM
  - ✘- Status monitor can read device status without driver
- PCM provide API and Plug-in I/F
  - ✘ Vender depended control sequence absorbed by Plug-in
  - ✘ Vender can make drivers with common method





# •PCM diagram





- `fsgpcmOpen()`
  - ✗ Open port with specific port type and device
- `fsgpcmClose()`
  - ✗ Close port
- `fsgpcmRead()`
  - ✗ Read data from port
- `fsgpcmWrite()`
  - ✗ Write data to port
- `fsgpcmIOControl()`
  - ✗ Used to send control command
- `fsgpcmIOError()`
  - ✗ Get error code when error occurred





## • *Status update April 2006*

- PCM API specific will move into release procedure stage
  - ✗ PCM draft is opened at OpenPrinting WG
- PCM/Draft focus to provide Vender independent Bi-Di I/F for various devices
- Japan team start discussion about PCM implementation
- Information about activity and documents
  - ✗ WG information:  
<http://www.openprinting.org/moin.cgi/OpenPrinting/PrintChannelManager>
  - ✗ Generic information: <http://www.openprinting.org/>





# •Next step

## ■ 2006/2Q:

- ✘ Review and release

- ✘ Start deliberate possibility of implement

