MFP Alert Extensions

PWG Plenary, October 26, 2006

The Problem to Solve:

- ☐ I have utilities to manage printers
  - ■ Utilities use SNMP and …
  - ■ … the Printer MIB Alert Table
- ☐ Multifunction devices are shipping
  - ■ Want to use …
  - ■ … existing utilities to support MFDs
  - ■ … with only minimal modifications

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The Solution:

☐ **MFP Alert Table Extensions**

  ■ Define new MFP Alert Groups for …

  ■ Scan devices and …

  ■ Facsimile

  ■ to cover Scan, Copy, and Fax.

Scan Device Model

☐ Scan Device General Subunit
- ■ Scan Device Media Path Subunit
- ■ Scan Device Scanner Subunit
- ■ Scan Device Transformer Subunit
- ■ Scan Device Output Channel Subunit
- ■ Scan Device Input Channel Subunit
- ■ Scan Device Console Subunit
- ■ Scan Device Covers Subunit
- ■ Scan Device Supply Subunit

Facsimile Device Model

☐ Fax Device General Subunit

  ◼ Fax Device Modem Subunit

  ◼ Fax Device Output Channel Subunit

  ◼ Fax Device Input Channel Subunit

  ◼ Fax Device Console Subunit

  ◼ Fax Device Covers Subunit

Common Scan/Printer Subunits

- **Scan Device Media Path Subunit**
  - ☐ prtMediaPath
- **Scan Device Input Channel Subunit**
  - ☐ prtChannel
- **Scan Device Console Subunit**
  - ☐ prtConsole
- **Scan Device Covers Subunit**
  - ☐ prtCovers

Common Fax/Printer Subunits

- **Fax Device Input Channel Subunit**
  - ☐ prtChannel

- **Fax Device Console Subunit**
  - ☐ prtConsole

- **Fax Device Covers Subunit**
  - ☐prtCovers

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System General Alert Group

- ■ **System General Output Channels Group**
  - ☐ Scan Device Output Channel Subunit
- ■ **System General Transformer Group**
  - ☐ Scan Device Transformer Subunit
- ■ **System General Supply Group**
  - ☐ Scan Device Supply Subunit

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Recommended Indexing

- **Use table index to differentiate groups**

(Note: This is NOT hrDeviceIndex)

- ☐ 1 to 63 assigned to the printer subunits
- ☐ 64 to 127 assigned to the scan subunits
- ☐ 128 to 191 assigned to the fax subunits

MFD Alert Groups

- New Alert Group Number Assignments
  - ☐ Scan Device General Group (50)
  - ☐ Scan Device Scanner Group (51)
  - ☐ Fax Device General Group (60)
  - ☐ Fax Device Modem Group (61)
  - ☐ System General Output Channels Group (70)
  - ☐ System General Transformer Group (71)
  - ☐ System General Supply Group (72)

Document Status

- ☐ Currently in 6th revision
- ☐ Working group review 99% complete
- ☐ Needs one or more prototypes …
  - ■ Next step is Stable Draft
- ☐ Needs two or more prototypes …
  - ■ To become a Candidate Standard

VOLUNTEERS GLADLY ACCEPTED!!!

For More Information

☐ The current specification is at:

ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-mfp-alert-groups10-20060925.pdf

ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-mfp-alert-groups10-20060925.doc

☐ PMP Web Page:

pmp@pwg.org

☐ To subscribe to the PMP mail list see:

http://www.pwg.org/mailhelp.html

Image System MIB

- ☐ Proposed as an MFP MIB
- ☐ A Service oriented MIB …
  - ◼ Not Device Oriented

- ☐ Needs one or more prototypes …
  - ◼ No working group review
  - ◼ Proceed without a commitment?

Image System MIB

- ☐ The latest document is at:

ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-pmpimagingmib10-20060418.pdf

ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-pmpimagingmib10-20060418.doc

- ☐ PMP Web Page:
  pmp@pwg.org

- ☐ To subscribe to the PMP mail list see:
  http://www.pwg.org/mailhelp.html