

MFP Alert Extensions

PWG Meeting, February 19, 2007

The Current Issue:

- ❑ The MFD has Subunits that are used by more than one service.
- ❑ When a subunit has an alert, how can an application determine which services are affected?

Primary MFD Functions

- Print Function supports the services...
 - Print, Copy, FAX-IN
- Scan Function supports the services...
 - Scan, Copy, FAX-OUT
- FAX Function
 - Only for the FAX service

Print Function Disabled:

- Example: The printer is out of toner
 - Print is not operational
 - Copy is not operational
 - FAX-IN is not operational

Print Function Limited:

- Example: Tray 3 is out of paper
- ... does this affect copy and/or FAX?
- ... does this affect print?

Scenario 1:

- The printer has 3 input trays
- All input trays define “letter” (plain)
- All trays can be used by all services
 - Copy and FAX are operational

Scenario 2:

- ❑ The printer has 3 input trays
 - ❑ Tray 1 contains “letter”
 - ❑ Tray 2 contains “legal”
 - ❑ Tray 3 contains “ledger”
 - ❑ All trays can be used by all services
 - Copy requires “ledger”
 - Copy is not operational
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Scenario 3:

- ❑ The printer has 3 input trays
- ❑ All input trays define “letter” (plain)
- ❑ Fax-in can only use tray 2
- ❑ Copy can only use tray 3
 - Copy is not operational
 - Is this realistic?

Covers Example

- Cover affects only one function
 - Services that use the function are disabled

- Cover affects multiple functions
 - Include multiple entries in the Alert Table

Stuart's Example

- Cover affects Scan and Fax
 - Add a new index range as proposed by Stuart.
 - The cover could have an entry in both the scan function group and the fax function group.
 - What other subunits could encounter this situation?

Cover Alert Table Entry

- Two entries would appear
 - One in the Scan group
 - One in the Fax group
 - The location code would be identical