

Printing Systems Division



Infoprint Manager for AIX PTF U806676 (June 2006) Release Notes

Version 4 Release 2

Printing Systems Division



Infoprint Manager for AIX PTF U806676 (June 2006) Release Notes

Version 4 Release 2

Note!

Before using this information and the product it supports, read the information in “Notices” on page 5.

First Edition (June 2006)

This edition applies to Infoprint Manager for AIX, Version 4 Release 2 Modification 0, and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters. Be sure to use the correct edition for the level of the product.

© Copyright International Business Machines Corporation 2006. All rights reserved.

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

Contents

About PTF U806676 (June 2006)	1
Resource path name character limit.	1
Advanced Function Presentation (AFP) Color Emulation	1
Enhanced messages and manual available	2
IBM Websphere Application Server service level	2
Infoprint ProcessDirector integration with Infoprint Manager for AIX	2
APARs included in PTF U806676	2
Notices	5
Trademarks	7

About PTF U806676 (June 2006)

PTF U806676 (June 2006) for Infoprint® Manager for AIX®, Version 4 Release 2 , includes editorial revisions to . The information is available at the IBM® Printing Systems Division home page on the web at <http://www.ibm.com/printers> or in the IBM Printing Systems Division Information Center at <http://publib.boulder.ibm.com/infocenter/printer>.

This PTF includes:

- “Resource path name character limit”
- “Advanced Function Presentation (AFP) Color Emulation”
- “Enhanced messages and manual available” on page 2
- “IBM Websphere Application Server service level” on page 2
- “Infoprint ProcessDirector integration with Infoprint Manager for AIX” on page 2
- “APARs included in PTF U806676 ” on page 2

Important

All Infoprint Manager servers should be upgraded at the same time. Do not forget to also upgrade any secondary Infoprint Manager servers.

Resource path name character limit

Currently the **line2afp** transform has a limitation of 1024 (1023 actual characters plus one for the null string terminator) on the number of characters that can be entered for resource path names for these parameters: **fdeflib**, **fontlib**, **ovlylib**, **pdeflib**, **pseglib**, **reslib**, and **userlib**. With the June 2006 PTF, the limit has been increased from 1024 to 4096 characters. One character is still reserved for the null string terminator, so the actual number of usable characters will be 4095.

Advanced Function Presentation (AFP) Color Emulation

Infoprint Manager now includes support for Advanced Function Presentation (AFP) Color Emulation to print color objects in grayscale on an Infoprint 4100 duplex system with the Infoprint POWER Controller.

Applications can now be designed using color objects and printed as-is on Infoprint 4100. Infoprint 4100 converts the color images with IBM's innovative 256-level grayscale technology.

Industry-standard supported images are:

- TIFF
- GIF
- JPEG/JFIF
- IPDS IOCA FS11
- IPDS IOCA FS45

Enhanced messages and manual available

Level 2 Service, Development, and Information Development worked together to improve the information in several messages that have come to their attention. These revised messages are included in the product message catalogs and in a new book available for the first time with this PTF: *Infoprint Manager: PSF and Server Messages*, G550-0524. Revised messages are marked with a revision bar (|) in the book.

IBM Websphere Application Server service level

The IBM Websphere Application Server (WSAS) shipped with Infoprint Manager for AIX Version 4 Release 2 and Infoprint Manager for Windows Version 2 Release 2 has been updated from 5.1.1.4 to cumulative fix level 5.1.1.10.

Infoprint ProcessDirector integration with Infoprint Manager for AIX

With this support, an Infoprint ProcessDirector secondary server can be installed on AIX machines that have Infoprint Manager for AIX installed. Infoprint ProcessDirector will be able to send jobs to printers that are attached to the AIX machines; however, these printers are completely separate from Infoprint Manager actual destinations. When you set up Infoprint ProcessDirector as a secondary server, Infoprint ProcessDirector can send print jobs to the printers on the AIX Infoprint ProcessDirector. Infoprint ProcessDirector only supports the same TCP/IP-attached IPDS printers that Infoprint ProcessDirector supports on Linux, which is subset of the printers that PSF on Infoprint Manager supports.

APARs included in PTF U806676

The June 2006 PTFs include resolution for these APARs:

APAR	Description
IO00451	Fixed boundary rip failures on multiprocessor Windows systems.
IO02958	Add support for NACK X'4035..00' printer detected forms mismatch.
IO03644	Temporary "acr" files are not deleted on Windows.
IO04345	DPF receiver fails to start. ABEND0C4 at X'15EA' in PSF/MVS.
IY77389	Buffer overflow with large numbers of documents.
IY78211	File error encountered while processing PDF.
IY79041	Adobe rip cores on PDF file.
IY79290	Assert in CFDF_internal_medmap_block_get.
IY80265	Infoprint 1334 Color Tray mappings are incorrect.
IY80554	Change error handling of color WT command.
IY80693	Banding occurring in FS45 output.
IY82736	Transform subsystem incorrectly sniffs data as AFP.
IY82918	Font mapping generates error.
IY82985	pdserver hang on pdls of AD at same time snmp poll occurs.
IY83271	SAP transform is introducing an extra white character.
IY83356	LPD fails on AIX system with Japanese locale.
IY83746	Plex, finishing, bin selection logic errors

APAR	Description
IY83926	Error msg 5010-452 not suppressed by Select.
IY84002	img2fax cores when faxing multipage pcl fax jobs.
IY84126	Infoprint Select shows the wrong version (4.2.0.50).
IY84677	psfin not running, causing pjob to hang.
IY85019	x0277..01 bad DGB TERM.
IY85252	abCoredump when doing two pdls on printers concurrent.
PK15548	Make DUMMY the default for the FORMDEF parameter.
PK17935	Add support for RESTYPE=INLONLY.
PK18214	Change the severity of message 0425-162 from informational to severe.
PK20037	Correct problem with asciinpe exit and CONVERT=NO.

Notices

This information was developed for products and services offered in the U.S.A.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property rights may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785 U.S.A.

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law:

INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation
Licensing
2-31 Roppongi 3-chome, Minato-ku
Tokyo 106, Japan

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs

and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation
Department 11PA Building 002S
PO Box 1900
Boulder CO 80301 USA

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee. The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurement may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

COPYRIGHT LICENSE:

This information contains sample application programs in source language, which illustrates programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. You may copy, modify, and distribute these sample programs in any form without payment to IBM for the purposes of developing, using, marketing, or distributing application programs conforming to IBM's application programming interfaces.

Each copy or any portion of these sample programs or any derivative work, must include a copyright notice as follows:

© (your company name) (year). Portions of this code are derived from IBM Corp. Sample Programs. © Copyright IBM Corp. _enter the year or years_. All rights reserved.

If you are viewing this information softcopy, the photographs and color illustrations may not appear.

For online versions of this book, we authorize you to:

- Copy, modify, and print the documentation contained on the media, for use within your enterprise, provided you reproduce the copyright notice, all warning statements, and other required statements on each copy or partial copy.
- Transfer the original unaltered copy of the documentation when you transfer the related IBM product (which may be either machines you own, or programs, if the program's license terms permit a transfer). You must, at the same time, destroy all other copies of the documentation.

You are responsible for payment of any taxes, including personal property taxes, resulting from this authorization.

Your failure to comply with the terms above terminates this authorization. Upon termination, you must destroy your machine readable documentation.

Trademarks

The following terms, used in this publication, are trademarks of the IBM Corporation in the United States or other countries or both:

AFP, AIX, IBM, IPDS
Advanced Function Presentation
InfoColor, Infoprint, RS/6000
Intelligent Printer Data Stream
Mixed Object Document Content Architecture
OS/2, MVS, OS/400, S/390
Print Services Facility
S/370, z/OS, System/370

Microsoft, Windows, Windows 2000/XP, Windows Server 2003, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

Java and all Java-based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

Other company, product, or service names may be the trademarks or service marks of others.



Program Number: 5765-F68

Printed in USA