



Infoprint ProcessDirector for Linux: Release Notes for PTF U810503

Version 1 Release 2.1

First Edition (December 2006)

This edition applies to Infoprint ProcessDirector, Version 1 Release 2, with PTF U810503 (also known as Service Pack 1), 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.

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Contents

About this PTF.	1	Limitations	3
What's new in this PTF?	1	Problems and workarounds	4
Updating Infoprint ProcessDirector	2	Product documentation	5
Updating from the IBM Web site	2	Customer support	5
Updating from a Service CD	2	Notices and trademarks	5
Known limitations, problems, and workarounds	3	Trademarks	6

About this PTF

These release notes provide information about PTF U810503 for IBM® Infoprint® ProcessDirector for Linux®, Version 1 Release 2.1 (Program Number 5697-N55).

What's new in this PTF?

In this PTF, Infoprint ProcessDirector includes these changes:

- **Support for sending PDF or PostScript files to a hot folder for a printer**

You can configure Infoprint ProcessDirector to pass PDF or PostScript files to a hot folder. You can also use Infoprint ProcessDirector with Infoprint Transform Manager and the afp2pdf Transform i-listed PRPQ (Program Number 5799-TWL) to transform Advanced Function Presentation™ (AFP™) data to PDF.

A new step template and a new job type have been added to support producing PDF output:

- **TransformJobIntoPDF** step template lets you add a step to a job type that sets the input data stream type and calls Infoprint Transform Manager if a conversion is needed.
- **OutputPDF** job type contains a step based on the **TransformJobIntoPDF** step template and one based on the **CopyToFolder** step template so that you can customize the directory where you want the PDF file to be written.

The **TransformJobIntoAFP** step template was also enhanced to determine the input data stream so that the individual step templates for each data type to be converted to AFP are not needed; they have been removed.

- **Improved AFP file viewing**

The viewer component of Infoprint ProcessDirector now lets you view files that contain double-byte data and files that are larger than 2 GB. In addition, the viewer can display a file using the same form definition that is specified for printing, even if the form definition is not contained in the print job.

- **Support for Microsoft® Internet Explorer 7**

You can access the Infoprint ProcessDirector user interface using Microsoft Internet Explorer 7.

- **Promote Job**

The **Promote** job function lets authorized users move a job to the front of the line for all subsequent steps. This function lets you shift system resources to the promoted job to ensure that it gets through its workflow as quickly as possible.

- **Customizable devices area**

Each user can select favorite printers and input devices. This capability lets you customize the main Infoprint ProcessDirector page to display only the printers and input devices that are most important to you. You can also reorder the list so that the printers and input devices you work with the most are at the top.

- **Display menu button**

The **Display menu** button on the tables in the user interface lets you open a menu of actions to take on that object without using the toolbar on the table. The button works like a right-click in a Microsoft Windows® application.

- **Improved shutdown command**

The **-q** option on the **stopaiw** command shuts down all printers and lets all currently running processes complete gracefully before the application shuts down.

- **Changeable time units for some properties**

For some properties, you can now choose which unit of time to use. For example, you can specify a retention period in minutes, hours, or days. You can also set the polling interval used by an input device in milliseconds, seconds, or minutes.

For more specific information about the product, see the Infoprint ProcessDirector information center. You can open the information center from the **Help** link in the user interface or from the Publications CD.

Updating Infoprint ProcessDirector

Service Packs contain new functions and program fixes.

When Service Packs, also called PTFs, are released for Infoprint ProcessDirector, you need to obtain the PTF code to update the base product.

You can obtain the Service Pack in these ways:

- Go to the IBM Web site for the Service Pack, download the Service Pack, and create a CD of the code as instructed. See "Updating from the IBM Web site."
- Contact your IBM representative and request the Service Pack CD. See "Updating from a Service CD."

Updating from the IBM Web site

When a Service Pack is available for Infoprint ProcessDirector, you need to determine the FTP Web site where the Service Pack is available for downloading.

To find a Service Pack, search the www.ibm.com Web site for the PTF number. The PTF-specific Web site contains the Release Notes that you should read before you install and use the Service Pack.

This Service Pack is available for Infoprint ProcessDirector:

- Service Pack 1, also called PTF U810503, is located at <http://www-1.ibm.com/support/docview.wss?uid=psd1P4000520>

Note: You cannot install a Service Pack unless you have already installed the base code for Infoprint ProcessDirector.

To download PTF 810503 for Infoprint ProcessDirector from the IBM Web site:

1. Access the <http://www-1.ibm.com/support/docview.wss?uid=psd1P4000520> Web site. The PTF U810503 Web page opens.
2. Print and read the Release Notes.
3. Follow the download installation instructions on the Web page.

Updating from a Service CD

To update Infoprint ProcessDirector from a Service CD, see "Backing up data, applying service, and adding features" in *IBM Infoprint ProcessDirector for Linux: Planning and Installation*, G550-0527-02.

Known limitations, problems, and workarounds

Limitations

Logical Volume Manager (LVM) restriction

When setting up partitions of the Linux system for Infoprint ProcessDirector, do not use Logical Volume Manager (LVM). Only Hardware RAID or separate partitions should be used. Hardware RAID 0 provides the best performance.

Java requirement

The Java™ runtime environment installed on the Linux machine you are using for the Infoprint ProcessDirector primary server must be the IBM Runtime Environment for Linux Java2 Technology Edition. This version (IBMJava2-JRE) is contained in the SLES distribution that is a prerequisite for Infoprint ProcessDirector; however, you can choose other versions when you install SLES Linux on the server, so be sure you pick this one.

Resource names are case-sensitive in Linux

When you are migrating from Infoprint Manager on Windows to Infoprint ProcessDirector on Linux, be aware that Linux is case-sensitive. As a result, Infoprint ProcessDirector looks for resource names in the case that is specified in the print job. Windows is not case-sensitive; therefore, jobs that printed with Infoprint Manager might have referred to resources in a different case than the actual resource names found on Windows.

If you copy resources from your Windows system to Linux, make sure the resource names match the case specified in your print jobs.

Text in English only

In Infoprint ProcessDirector, names of supplied objects, such as job types, step templates, input devices, and user groups, are not translated. Supplied object names are in English only. Also, the initialization messages for the InstallShield Wizard are displayed in English only.

Japanese text strings truncated in the InstallShield Wizard

When you install or uninstall Infoprint ProcessDirector in Japanese, these text strings are truncated in the InstallShield Wizard:

- Window titles
- Processing messages
- Uninstall selection button

PSF locale support on AIX

Infoprint ProcessDirector uses UTF-8 encoded locales on Linux. However, Infoprint ProcessDirector's printer-driver program, Print Services Facility™ (PSF), does not support UTF-8 on AIX®. PSF supports these locales on AIX:

English	ISO8859, IBM850, IBM1275
French	ISO8859, IBM850, IBM1275
German	ISO8859, IBM850, IBM1275
Italian	ISO8859, IBM850, IBM1275
Spanish	ISO8859, IBM850, IBM1275
Japanese	IBM932, IBM932JP

Problems and workarounds

AFP Indexer Extension uninstall

The AFP Indexer Extension to Infoprint ProcessDirector includes a step template named IndexAFP. If you have installed this Extension and have created steps in job types based on this step template and later choose to uninstall the Extension, you must remove the references to the IndexAFP step template manually. Job types that contain those references after the Extension is removed will cause jobs to fail because the underlying step program has been removed.

Insufficient storage for DB2

If you see a return code 67 during the DB2[®] installation, your system does not have enough storage space available to install the program. You must create more space in the /opt/IBM directory.

Update sequence for servers

When installing Service Pack 1 of Infoprint ProcessDirector, update all secondary servers first, then the primary system. If the primary system is updated first, you must shutdown and restart the primary system after you update the last secondary server.

Shutting down a secondary server

To shut down a secondary server with minimal impact on running processes, disable the input devices and shut down the printers that are associated with that secondary server, and then wait for all processing on the secondary server to complete. When the processing is finished, use the `stopaiw` command to shut down the secondary server.

Might lose log messages for some jobs

If you install PTF U810503 when you have jobs in the Infoprint ProcessDirector system, you might lose log messages for those jobs. To minimize the impact, remove as many jobs as possible from the Infoprint ProcessDirector system before applying the PTF.

Modified supplied Download input devices

If you modified any of the Download input devices supplied with Infoprint ProcessDirector (Version 1.2.1) before installing PTF U810503, those modifications are removed when the input devices are reinstalled with the PTF. You need to make those modifications again on the supplied input devices. However, the supplied hot folder input devices are not affected.

Cut-sheet emulation mode prints incorrectly when repositioning to a page

When you are printing in cut-sheet emulation (CSE) mode and you request to resume printing at a specific page, the printer might not start printing at the correct page. Other requests to print at a specific side of a sheet are done correctly.

Sheet count incorrect when using JCL DUPLEX keyword

If you use the JCL DUPLEX keyword to set duplexing for a job, Infoprint ProcessDirector might display an incorrect sheet count. IBM recommends that you set duplexing in a form definition.

Use Internet Explorer when accessing different user interfaces

When accessing user interfaces for both Infoprint Transform Manager and Infoprint ProcessDirector, IBM recommends that you use the Microsoft Internet Explorer

browser. If you use the Mozilla browser, you must log in each time you switch between the Infoprint Transform Manager and Infoprint ProcessDirector user interfaces.

Product documentation

See *IBM Infoprint ProcessDirector for Linux: Planning and Installation (G550-0527)* for pre-installation planning, installation tasks, and post-installation tasks.

Once it is installed, you can access the Infoprint ProcessDirector user interface from a Web browser on the Windows and Linux workstations in your network. The user interface contains field-level help and an information center for Infoprint ProcessDirector. The information center contains administrative and operational topics that help administrators, operators, and supervisors learn about the Infoprint ProcessDirector product. It also includes procedures that describe how to use the product.

To use the online help:

1. Access the user interface at **http://hostname:15080/aiw**. The host name of the primary Linux server is *hostname*.
2. To view the information center, click **Help** from the top task bar.
3. To access field or property help:
 - a. Log in to the user interface:
 - 1) Type the default user name of **aiw** and the default password of **aiw**.
 - 2) Click **Log in**. You are prompted to change the password before you can log in to the user interface.
 - b. Click the question mark icon for help about a field or property.

Customer support

For help installing Infoprint ProcessDirector, contact IBM Software Support:

- Web page: <http://www.ibm.com/printers/support>
- USA telephone: 1-800-IBM-SERV or 1-800-426-7378

While using the Infoprint ProcessDirector user interface, see the online help before contacting software support. See "Product documentation".

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