

IBM Infoprint Manager for Windows Readme

This readme contains the following information:

- “General Release Notes for Infoprint Manager for Windows”: contains topics that apply to Infoprint Manager for Windows in general. When this information changes, it will be marked with revision bars (|) in the left margin.
- “Release Notes for Version 1.1.0 PTF UR53724 (June 2003)” on page 5 contains release notes that apply to PTF UR47615 (July 2002)
- “Release Notes for Version 1.1.0 PTF UR53463 (July 2002)” on page 6 contains release notes that apply to PTF UR53724 (June 2003)
- “Release Notes for Version 1.1.0 PTF UR52773 (January 2002)” on page 6 contains release notes that apply to PTF UR52773 (January 2002)
- “Release Notes for Version 1.1.0 PTF UR52622 (October 2001)” on page 6: contains release notes that apply to PTF UR52622 (October 2001).
- “Release Notes for Version 1.1.0 PTF UR52621 (June 2001)” on page 11: contains release notes that apply to PTF UR52621 (June 2001).
- “Release Notes for Version 1.1.0 PTF UR52772 (May 2001)” on page 12: contains release notes that apply to PTF UR52772 (May 2001).
- “Release Notes for Version 1.1.0 PTF UR52620 (March 2001)” on page 12: contains release notes that apply to PTF UR52620 (March 2001).
- “Release Notes for Version 1.1.0 PTF UR52402 (December 2000)” on page 14: contains release notes that apply to PTF UR52402 (December 2000).
- “Release Notes for Version 1.1.0 PTF UR52401 (October 2000)” on page 15: contains release notes that apply to PTF UR52401 (October 2000).
- “Release Notes for Version 1.1.0 PTF UR52375 (August 2000)” on page 18: contains release notes that apply to PTF UR52375 (August 2000).
- “Release Notes for Version 1.1.0 PTF U469452 (June 2000)” on page 20: contains release notes that apply to PTF U469452 (June 2000).
- “Release Notes for Version 1.1.0” on page 20: contains release notes that apply to the Version 1 Release 1 code.

Note: The release notes for the most recent PTF will always follow the General Release Notes.

General Release Notes for Infoprint Manager for Windows

Server Software Prerequisites

The primary software prerequisite for the IBM Infoprint Manager for Windows server software is one of the following Microsoft® operating systems:

- Windows NT Workstation 4.0 (Service Pack 6a or later)
- Windows NT Server 4.0 (Service Pack 6a or later)
- Windows 2000 Professional
- Windows 2000 Server

Notes:

1. Windows NT Workstation and Windows 2000 Professional operating systems have strict limitations on the number of connections. Ensure that an adequate version of Windows is used on your Infoprint Manager Server to meet your connection requirements.
2. Service Pack 4 or 5 work with Infoprint Manager for Windows NT, but IBM recommends using Service Pack 6a for printing support.

Before Installing Any PTF, Backup Install Directories

Before you install any PTF, it is **strongly** recommended that you back up your IBM Infoprint Manager for Windows install directories, any directories that have been moved out from under the install directory since the initial installation of the product, and the Windows registry. Directories that have been moved out from under the install directory can be identified through the Infoprint Manager Management Console (**Start→Programs→IBM Infoprint Manager→Management Console**). From the Management Console, go to **Edit→Service Configuration...** Check all paths listed on the displayed panel to determine if any are not in the base install directory. Make note of any paths that are not in the base install directory.

This backup will be required in the event that you wish to remove the PTF from your system and restore Infoprint Manager to its previous state.

Note: You may want to test the PTF on a non-production system before installing it in a production environment.

To backup your system, complete the following steps:

1. Stop job submissions to the Infoprint Manager Server.
2. Complete printing of all jobs possible.
3. Close the Infoprint Manager Administration and Operations GUIs if they are open.
4. Shutdown the Infoprint Manager Server. Using the Infoprint Manager Management Console, go to **File→Stop Server**.
5. Clean up segment files. Using the Infoprint Manager Management Console, go to **Debug→Clean Up Leftover Manager Files** and close the Management Console.
6. Use your local backup procedures to backup the install directories, any directories that have been moved out from under the install directories, and the Windows registry. The following key and sub-keys **must be restorable**:
HKEY_LOCAL_MACHINE\SOFTWARE\IBM\Infoprint Manager.

Note: In a multi-server environment, all servers must be backed up at the same time.

Close Infoprint Manager Administration GUI and Infoprint Manager Operations GUI before installing any Infoprint Manager PTF

Be sure to close the Infoprint Manager Administration GUI and the Infoprint Manager Operations GUI before installing any Infoprint Manager PTF to avoid problems with files that need to be replaced.

Ensure that the Infoprint Manager Server and the Infoprint Manager Administration and Operations GUIs are at the same level

To access all changes as they are released in PTFs, ensure that the Infoprint Manager Server is at the same level or at a higher level of service than the Infoprint Manager Administration GUI and the Infoprint Manager Operations GUI. Otherwise, you may receive error messages like: 5010-625 Cannot recognize attribute....

Note: For this to occur, the Infoprint Manager Administration GUI or the Infoprint Manager Operations GUI would have to be running on a different workstation than the Infoprint Manager Server. This might occur if you install a new version of a GUI on a workstation and point to a downlevel Infoprint Manager Server.

PSF Direct and SecureWay Communications Server

If you use PSF Direct to print from host systems, you must also install IBM SecureWay Communications Server for Windows NT at Version 6.01 with required APARs JR13453, JR13599, and JR14098 or IBM SecureWay Communications Server for Windows 2000 at Version 6.1. (Host systems include MVS, VSE, VM, and OS/400.)

Currently with Version 6.1, there is an error with configuration verification with SecureWay Communications Server. To correct this error, use the following procedure:

1. Go to **Start**→**Programs**→**IBM Communications Server**→**Configuration Verification**.
2. Go to **File**→**Open...** and select the *controllername.acg* file that you want to verify, where *controllername* is the name you gave the configuration file.
3. Click on the **Checkmark** icon and a message similar to the following is displayed:
Verifying...
PCS7210E The value *NN* for keyword
/LOCAL_LU[LU_NAME=PSFDCFLU]/DEFAULT_POOL/ is not valid.
Verify ended with errors.
4. Click on the **Pencil** icon and locate the line that contains LOCAL_LU= and change the DEFAULT_POOL=*NN* to 0 (zero), where *NN* is the number reported in the message in Step 3.
5. Go to **File**→**Exit** and click **Yes** when prompted to save the *controllername.acg* file.
6. Reverify the *controllername.acg* file again by clicking on the **Checkmark** icon. The following message is displayed:
Verifying...
Verify complete with no errors.

Notes:

1. Preliminary testing has been completed with IBM SecureWay Communications Server, Version 6.1, and Infoprint Manager for Windows. However, the *PSF Direct Network Configuration Guide* that is available on our Web site and publications CD-ROM was developed and tested using Version 6.01. Minor differences exist between the two versions, and these differences will be tested and documented in the future.

2. If you need to uninstall IBM SecureWay Communications Server, you should uninstall Personal Communications first. However, if you have installed APAR JR14481, the uninstall process informs you of this situation.

Creating actual destinations

Before creating an actual destination, IBM recommends that you power on the actual destination, such as a printer.

Limitations, Restrictions, and Pre-Reqs

This section contains some "gotchas" that are not problems with Infoprint Manager but that could affect the successful use of Infoprint Manager. It also lists pre-reqs.

Passthrough Destinations

Before configuring any Passthrough destinations, you must install the Generic/Text Only Driver from your Windows CD.

AFP Printer Drivers and Windows Gateways

If a Windows 2000 machine is being used as an Infoprint Manager client and a Windows NT 4.0 machine is being used as an Infoprint Manager Server, be aware of the following situation:

A Windows Gateway Printer is created on the Windows NT server machine using Windows NT AFP drivers. That Windows Gateway Printer is then added to the Windows 2000 Client machine using the Add Printer wizard. Behind the scenes, Windows tries to load the Windows NT AFP drivers onto the Windows 2000 machine and the Windows 2000 machine crashes. **Do not do this.**

Patience When Launching the Operations and Administration GUI

When you install the Infoprint Manager Server, or install the GUIs from the client CD, one icon will appear for the Operations GUI and one for the Administration GUI. When you double click either of these desktop icons, the GUIs may be slow in starting. Although it may appear that nothing is happening, do not double click the icon again as this will launch a second instance of the GUI.

Publications CD-ROM

Microsoft Internet Explorer 4.0 is required to view the publications CD. Other browsers will not properly display the contents of the publications CD. To view the *Infoprint Manager: Reference Information* manual, you also need Adobe Acrobat 4.0; however, the PDF on the Web can be viewed with Acrobat 3.0 or 4.0.

JRE Required to Uninstall GUIs

Several places in the *Infoprint Manager: Getting Started* mention the processes for uninstalling the JRE or GUIs. If you uninstall the JRE first, the GUIs cannot be uninstalled since the uninstall process for the GUIs is a Java uninstall process that requires a version of JRE to run. If you want to uninstall both the JRE and the GUIs, make sure you uninstall the GUIs first.

Installing the Font CDs

Instructions for installing the AFP Font Collection CD and DBCS font CDs are contained in the README.NT file on the font CD.

Infoprint Select and the Infoprint Generic Driver

When a user installs Infoprint Select on a client machine from the client CD-ROM, the Infoprint Generic Driver is also installed on their Windows machine. This Infoprint Generic Driver can be used when the user creates a select printer on their client machine. When a job is sent to the select printer that uses this driver, the

driver sets some job attributes that allows the job to be printed on a PSF actual destination **only**. The Infoprint Generic Driver should only be used if the select printer is configured to point to a PSF destination. An alternate driver for the select printer should be used if the select printer is configured to point to another type of printer.

Installing and Uninstalling with Windows 2000

You must have **Administrative Privilege** to install or uninstall IBM Infoprint Manager for Windows. If you try to install or uninstall the product without administrative privilege, the following message is issued:

Setup Installation Error: Setup has detected Uninstallshield is in use, please close Uninstallshield and restart setup (Error 432).

Ensure that you have **Administrative Privilege** before attempting to install or uninstall IBM Infoprint Manager for Windows.

Rebooting at End of Installation

After you have installed IBM Infoprint Manager for Windows, the installation program asks if you want to reboot your system. The default answer to this question is **Yes** because Infoprint Manager will not function properly until the system is rebooted. When you click **OK** or press **Enter**, your system reboots.

If however, you click **OK** or press **Enter** more than once, the installation program **may** log you off without restarting the system. When you are logged off Windows, a **Shutdown** button appears. Press **Shutdown** and then select **Restart the Computer?** from the list box. When prompted, click **OK**.

Uninstalling a PTF

To remove a PTF from a system and restore Infoprint Manager to an unconfigured state, follow these steps:

1. Determine if any directories have been moved out from under the Infoprint Manager install directory since the initial installation. This can be done through the Infoprint Manager Management Console (**Start**→**Programs**→**IBM Infoprint Manager**→**Management Console**). From the Management Console, go to **Edit**→**Service Configuration...** Check all paths listed on the displayed panel to determine if any are not in the base install directory. Make note of any paths that are not in the base install directory.
2. Uninstall the product. Go to **Start**→**Programs**→**IBM Infoprint Manager**→**Uninstall Infoprint Manager**. Follow all instructions as directed.
3. Restart the computer.
4. Delete the install directory. If any directories were moved out from under the Infoprint Manager install directory (as identified in step 1.), delete those as well.
5. Install the Infoprint Manager product. Follow the directions as specified.
6. Install any required PTFs to get the product to the desired level.

Release Notes for Version 1.1.0 PTF UR53724 (June 2003)

Please note that PTF UR53724 (APAR IR48693) contains no new functional enhancements, but does contain over 70 field authorized program analysis reports (APARs). For a summary of the fixes provided with this PTF, please refer to the Products Update page of the Infoprint Manager for Windows 1.1 Web site at <http://www.printers.ibm.com/R5PSC.NSF/Web/ipw11ser>.

Release Notes for Version 1.1.0 PTF UR53463 (July 2002)

Please note that PTF UR53463 (APAR IR47615) contains no new functional enhancements, but does contain 59 field authorized program analysis reports (APARs). For a summary of the fixes provided with this PTF, please refer to the Products Update page of the Infoprint Manager for Windows 1.1 Web site at <http://www.printers.ibm.com/R5PSC.NSF/Web/ipw11ser>.

Release Notes for Version 1.1.0 PTF UR52773 (January 2002)

Revised Documentation

The following PDFs that are available from our Infoprint Manager for Windows NT and Windows 2000 site map web page have been revised:

- *Infoprint Manager for Windows NT and Windows 2000: Getting Started*, G544-5717-09
- *Infoprint Manager for Windows NT and Windows 2000: Procedures*, G544-5814-01
- *Infoprint Manager: Reference*, S544-5475-09

Windows server cannot read "version" file in AIX 5.1 namespace

If you are using AIX 5.1 and WinNT SP 6 with Services for UNIX in a multiple server AIX/Windows environment, you may be unable to start your Windows server because it fails with Message 5010-845: This server cannot run with a namespace at Version 999.999 logged in the server log. If this occurs you will need to ensure that the Windows account under which the IPM for Windows server runs has write permission to the "version" file in the namespace. You can do this by signing on to the AIX server as root and either:

- Making the Windows account the owner of the version file:

```
cd $PDNAMEP
chown win-account version
```

Note: This is the recommended solution.

- Giving universal write permission to the version file.

```
cd $PDNAMEP
chmod o+w version
```

Intermittent garbled banner page and ASCII print file on Infoprint 1130

The banner page that prints on the Infoprint 1130 prints incorrect characters on the banner page at random times. The next print jobs produce a normal, readable banner page. Resending the job with the garbled banner page usually results in a normal banner page.

Release Notes for Version 1.1.0 PTF UR52622 (October 2001)

What's new in Infoprint Manager

DPF comes to Infoprint Manager

Distributed Print Facility (DPF), a favorite host print submission method in PSF for OS/2, arrives in Infoprint Manager for Windows NT/2000 with PTF UR52622 (APAR IR44445) (Oct 2001). Sharing your Infoprint Manager server between multiple host systems and your LAN has never been easier.

DPF combines simplicity of configuration with the flexibility and power of Infoprint Manager:

- **Minimal configuration on your host system.**

In your host PSF, create a TCP/IP printer that sends jobs to your Infoprint Manager server.

- **Host and LAN print management all in the same place.**

Since your host print jobs are placed in the Infoprint Manager print spool, you can see and manage all of your print jobs in the Infoprint Manager GUIs.

- **Easy migration from the DPF feature of PSF for OS/2.**

Check the *Planning Guide* for information and instructions about replicating your existing DPF configuration in Infoprint Manager.

The *Planning Guide* also provides comparison charts to help you decide which host print method will work for you (DPF, PSF Direct, or MVS Download), and worksheets to help you plan your configuration. Once you have a plan, move on to the *Getting Started* for instructions on setting up both your Infoprint Manager server and your host system to use DPF.

If you use DPF in PSF for OS/2, you already know how easy it is to use-- and what it's capable of. Virtually all of those capabilities are available in DPF for Infoprint Manager-- and you'll be pleased with some of the improvements:

- DPF in Infoprint Manager uses TCP/IP connection instead of SNA, cutting configuration time dramatically.
- DPF now uses the same Infoprint Manager print spool as all of your other input methods, not a separate one like PSF for OS/2. You have much more flexibility in setting up an environment.

In beta tests, customers migrating from PSF/2 had great things to say:

"... the code installed no problem, the DPF receiver was a snap to configure. Within an hour, I had uninstalled, reinstalled the beta, configured the DPF receiver and sent print through from the MVS system." -- IBM Software Support Specialist

"A long time IBM customer, Prudential-Bache International (an affiliate of Prudential Securities Inc) has evolved its use of IBM print solutions as IBM has introduced new offerings. Prudential-Bache is currently using IBM Infoprint Manager for Windows NT/2000 with much success. Considering the IBM product's wide range of capabilities and options, Infoprint Manager installs easily. We recently installed a beta version of Infoprint Manager, and are very pleased with the new Distributed Print Facility (DPF) functionality. Configuring DPF, changing/adding/removing printers/destinations is extremely easy and dynamic, as is configuring menu items."

Infoprint Manager for Windows NT and Windows 2000 PTF UR52622 (APAR IR44445) was released on 26 October 2001.

Functional enhancements since the last service release

In addition to DPF, the following functional enhancements have been added:

- Support for the Infoprint 4100 continuous forms printer
- Support for the Infoprint 1000 family of printers
- Job submission through Infoprint Manager hot folders
- Support for 2-dimensional barcode printing

- Support for printing from SAP applications using the **sap2afp** transform

New and updated documentation

The following documentation has been updated or created in this update:

- *Planning Guide* (G544–5716)
- *Getting Started* (G544–5717)
- *Infoprint Manager: Procedures* (G544–5814)
- *Infoprint Manager: Reference* (G544–5475)
- Important Information for PSF for OS/2 Users
- Collecting Information from your PSF for OS/2 System
- Setting up to use Infoprint Manager hot folders
- Submitting jobs through Infoprint Manager hot folders
- Installing Infoprint Manager GUI software
- Installing Infoprint Manager Notifications
- Installing Infoprint Select
- Selecting a type of actual destination
- Understanding Printer Drivers, Port Monitors, Windows Gateway Printers, and Passthrough Printers
- Interrupting and restarting a job that's already printing
- Moving backward or forward in a job that's already printing
- Setting up high speed printers for spacing
- Using the Infoprint Manager Line Printer Daemon (LPD)
- Submitting print jobs through the Infoprint Manager LPD
- Managing Security for Infoprint Manager for Windows NT and Windows 2000
- Working with Infoprint Fonts
- Setting up to use MVS Download

Administration and Operations GUIs may cause 100% CPU Utilization

When using the Administration and Operations GUIs, an interaction between polling, a large number of retained jobs, and sorting may cause 100% CPU utilization. Polling retained jobs causes the GUIs to recalculate the time until discard for retained jobs. This causes the GUI to resort the retained jobs. For a large number of objects this takes longer than the polling interval, and the GUIs are continually sorting.

To resolve this problem, please turn off sorting of retained jobs or increase the polling interval.

Windows server cannot read "version" file in AIX 5.1 namespace

Please note that the following condition applies only if your configuration consists of interoperating Infoprint Manager for Windows NT/2000 servers and Infoprint Manager for AIX servers. If your configuration only consists of Infoprint AIX servers, the following will not impact your operations.

Message 5010-845: This server cannot run with a namespace at Version 999.999 is issued when you are running on an Infoprint Manager for Windows

NT/2000 server that is interoperating with an Infoprint Manager for AIX server that is running AIX Version 5.1 or above, and you are unable to start the server on the Windows NT/2000 system.

To fix this situation, complete the following:

1. Ensure that your Service Configuration is properly set by going to the **Edit** menu in the MMC and clicking on **Service Configuration**. The **Base namespace path** should contain the path to your exported file system on the Infoprint AIX server, for example, G:; and the **Remote namespace folder** should contain the path on the Infoprint AIX server, for example, amber:/var/pddir/default_cell.
2. Go to a Windows command prompt and change to the drive specified in **Base namespace path** on the **Service Configuration** dialog. At the prompt, enter type version. If the response is 3.0, your sharing is set up properly.
3. Stop all servers using the namespace. When all servers are stopped, go to a Windows command prompt and enter erase version.
4. Go to the MMC and select **Debug**→**Create namespace**.
5. This recreates the version file, and the Infoprint Manager for Windows NT/2000 server should start up and interoperate correctly with the Infoprint AIX server.

Configuring to print DBCS documents in Japanese

To print DBCS documents on the Infoprint 2000 or Infoprint 20 printers, you need to configure the resources for your actual destination, the job, and the default document as described in the following sections.

In order to print DBCS documents, you must define a PSF TCP/IP or PSF Channel-attached printer that supports DBCS. You can use an Infoprint 21, and Infoprint 70, an Infoprint 2000, or an Infoprint 3130 printer. Whichever printer you define, remember to set the release timer to 60 seconds or less by clicking the right mouse button on the printer and then selecting **Properties**→**Tuning tab**.

Configuring your Infoprint Manager Actual Destination Resources

Open the Advanced Infoprint Manager Administrator GUI, highlight the printer you have defined for printing DBCS documents, and right click on the printer. Then use the following procedure to configure the printer or actual destination resources:

1. Select **Properties** and then click **Show more**.
2. Select the **Appearance** tab and select **240** as the **Default font resolution**.
3. Ensure **240** is listed under values for **Font resolution allowed**. If **240** is not listed, highlight **240** under **Possible values** and click **Add**.
4. Enter D:\fonts, where D: is the drive where your fonts directory is located, in the **Location of fonts** entry field.
5. Enter D:\fonts, where D: is the drive where your fonts directory is located, in the **Location of resources** entry field.
6. Click **OK**.

Configuring your Job and Default Document Resources

Open the Advanced Infoprint Manager Administrator GUI, highlight the logical device you have defined for printing DBCS documents, right click on the logical device, and select **Job and Document Defaults**→**Modify**. Then use the following procedure to configure the logical device resources:

1. Click **OK** and then click **Show more**.

2. Select the **Document PSF Resources** tab, enter D:\fonts, where D: is the drive where your fonts directory is located, in the **Location of fonts** entry field, and enter D:\fonts, where D: is the drive where your fonts directory is located, in the **Location of resources** entry field.
3. Click **OK**.
4. Select the **Document Print Quality** tab and highlight **240** in the **Font resolution** pull-down and in the **Printer resolution requested** pull-down.
5. Click **OK**.

Intermittent garbled banner page and ASCII print file on Infoprint 1130

The banner page that prints on the Infoprint 1130 prints incorrect characters on the banner page at random times. The next print jobs produce a normal, readable banner page. Resending the job with the garbled banner page usually results in a normal banner page.

DPF Host Receiver fails to start when Jobs directory is changed

When you are using the **Change DPF Host Receiver** dialog to change the **Jobs directory**, the directory changes are made, but the DPF Host Receiver does not start. Copy the ALLRAIDS.RA1, ALLRAIDS.RA2, JOBNAME.DA1, and JOBNAME.DA2 files from the original Jobs directory to the newly created jobs directory manually, and then start the DPF Host Receiver.

Job prints twice if pdpr command fails on DPF Host Receiver

If the DPF Host Receiver stops because a **pdpr** command fails, the error is logged in the Server Log. When the error is corrected and the DPF Host Receiver is restarted, the job is resubmitted. However, the Host PSF will resend all or part of the job again, which causes all or part of the job to print twice.

To resolve this, you can delete the job from the print spool if you can identify the job. Otherwise, recycle the duplicate printed copy.

Reinstalling the Infoprint Manager Administration GUI on a Windows system

When you reinstall the Infoprint Manager Administration GUI on a Windows system, any customization, such as menu items or columns in your views, that you applied is lost. If you want to prevent your customization information from being lost, do the following **before** you start to reinstall the GUI:

1. Navigate to *install path*/**ipguiadm** where *install path* is the directory that the GUI is installed in.
2. In that directory, find the **ipgui_pa.cfg** file.
3. Copy the **ipgui_pa.cfg** file to a directory that is outside the install path.
4. Reinstall the GUI, following the directions in the *Infoprint Manager for Windows NT and Windows 2000: Getting Started* or the GUI readme file.
5. When the installation is complete, copy the **ipgui_pa.cfg** file back into the *install path*/**ipguiadm**.

Release Notes for Version 1.1.0 PTF UR52621 (June 2001)

What's New with PTF UR52621 (June 2001)

Infoprint Manager for Windows PTF UR52621 (June 2001) was released on 29 June 2001.

Functional Enhancements in Latest Service Release

The following functional enhancements are included in PTF UR52621 (June 2001):

- Made the following enhancements to the Infoprint Manager GUIs:
 - In the Advanced and Distributed views, the following default values are set automatically for PSF actual destinations:
 - **media-supported**
 - **media-ready**
 - **sides-supported**
 - **plexes-supported**
 - **printer-resolutions-ready**
 - **printer-resolutions-supported**
 - Added the following tasks:
 - Change Job Batch for Actual Destinations
 - Change Job Batch for Job and Default Jobs
 - Copy/Create PSF Upload SNA Printer wizard
 - Copy/Create PSF Upload TCP/IP Printer wizard
- Added FastPath procedures for the operator and compiled the FastPath procedures with all the procedures for Infoprint Manager for Windows from the web site into an indexed, PDF file for easier information retrieval and printing, which is available as a manual entitled *Infoprint Manager for Windows: Procedures*, S544-5814-00, at <http://www.printers.ibm.com/R5PSC.NSF/Web/infprtm2000>.
- Provides the Infoprint **pdpr** print command as a client on HPUNIX 11.0 or higher operating systems to expand the flexibility of Infoprint Manager.
- In addition to *Infoprint Manager for Windows: Procedures*, S544-5814-00, the following revised publications are available on the Infoprint Manager for Windows web site (<http://www.printers.ibm.com/R5PSC.NSF/Web/ipmgrwinthome>) and on the IBM Printing Systems Digital Library web site (<http://www.printers.ibm.com/R5PSC.NSF/Web/infprtm2000>):
 - *Infoprint Manager for Windows: Getting Started*, G544-5717-07.
 - *Infoprint Manager: Reference*, S544-5475-07.
- The Infoprint 70 media sizes supported have changed. Instead of supporting iso-b4-* and iso-b5-*, Infoprint Manager supports jis-b4-* and jis-b5-* media sizes for this printer. With regard to this change, please make any changes necessary to an actual destination's **media-supported**, **media-ready**, **input-trays-medium**, and **psf-trays-characteristicsattributes**.

Uninstalling the Infoprint Manager GUIs with Windows NT and Windows 2000

1. Click the Windows **Start** button and select **Settings**—>**Control Panel**.
2. Double-click the **Add/Remove Programs** icon.
3. Select **Infoprint Manager Administration** or **Infoprint Manager Operations**.
4. Click the remove button **once**, then wait for at least 30 seconds before you do anything else. If you do not wait for the first panel of the uninstaller to appear, it may get lost behind other windows. If you don't see the first panel of the uninstaller after 30 seconds, press and hold the **Alt** key, then press the **Tab** key to bring the window to the front.

Release Notes for Version 1.1.0 PTF UR52772 (May 2001)

What's New with PTF UR52772 (May 2001)

Infoprint Manager for Windows PTF UR52772 (May 2001) was release on 14 May 2001. This PTF provides both English and national language version of the product including all the functions listed below. It also provides an updated publications CD that includes documentation in 12 languages.

Note: If you installed PTF UR52620 (March 2001) and do not need other language versions of the server or GUIs, you do not need to install this PTF.

Functional Enhancements in Latest Service Release

The following functional enhancements are included in both PTFs:

- Support for the **Infoprint 70 printer**.
- **Infoprint DBCS Font Downloader:** Utility for downloading PostScript fronts from a Macintosh system to Infoprint Manager.
- **Infoprint Manager GUI online help systems upgraded to use JavaHelp** including new contents, index, and search features.
- **Tutorials added to Infoprint Manager GUIs.** Look for them in the **Help** menu in the Infoprint Manager Administration GUI and the Infoprint Manager Operations GUI.
- Improved interface for Color Rendering Intent allowing users to control how out-of-gamut colors are simulated on an IBM Infoprint Color 130 Plus printer.
- Enhancements to the Infoprint Manager Administration GUI and the Infoprint Manager Operations GUI.
- Enhances PSF other-driver attached actual destinations to allow jobs with specified document-formats to pass through the device without being transformed.
- New AFP drivers for Windows 2000 systems.
- Improved support for printing PSF error messages in Japanese.
- Image transforms to transform TIFF, GIF, and JPEG images into AFP.
- New tasks added to the Infoprint Manager GUIs.
- Upgrade to the IBM Cross-Platform Technologies Runtime Environment V.2.0.
- Improved accounting capabilities.

New Publications and Translated Publications available with PTF UR52772 (May 2001)

One of the CD-ROMs shipped with PTF UR52772 (May 2001) contains revised publications in English and some of the translated languages used with Infoprint Manager for Windows. The Infoprint Manager for Windows: Publications (NLV), SK2T-9299-01, has also been updated with the revised publications in English and some of the translated languages, and it is orderable online at:

<http://www.elink.ibmink.ibm.com/public/applications/publications/cgibin/pbi.cgi>

Release Notes for Version 1.1.0 PTF UR52620 (March 2001)

What's New with PTF UR52620 (March 2001)

Infoprint Manager for Windows PTF UR52620 (March 2001) was released on March 26, 2001.

Functional Enhancements in Latest Service Release

The following functional enhancements are included in PTF UR52620 (March 2001):

- Support for the **Infoprint 70 printer**.

- **Infoprint DBCS Font Downloader:** Utility for downloading PostScript fronts from a Macintosh system to Infoprint Manager.
- **Infoprint Manager GUI online help systems upgraded to use JavaHelp** including new contents, index, and search features.
- **Tutorials added to Infoprint Manager GUIs.** Look for them in the **Help** menu in the Infoprint Manager Administration GUI and the Infoprint Manager Operations GUI.
- Improved interface for Color Rendering Intent allowing users to control how out-of-gamut colors are simulated on an IBM Infoprint Color 130 Plus printer.
- Enhancements to the Infoprint Manager Administration GUI and the Infoprint Manager Operations GUI.
- Enhances PSF other-driver attached actual destinations to allow jobs with specified document-formats to pass through the device without being transformed.
- New AFP drivers for Windows 2000 systems.
- Improved support for printing PSF error messages in Japanese.
- Image transforms to transform TIFF, GIF, and JPEG images into AFP.
- New tasks added to the Infoprint Manager GUIs.
- Upgrade to the IBM Cross-Platform Technologies Runtime Environment V.2.0.
- Improved accounting capabilities.

Changes not translated

Changes and enhancements made to Infoprint Manager for Windows Version 1 Release 1 are being translated currently and are planned to be available in the next PTF. This becomes evident when you access an area of either the Infoprint Manager Administration GUI or the Infoprint Manager Operations GUI that has changed and it shows up in English while the surrounding information shows up in the translated language.

Note: The Infoprint Manager GUI help systems changed dramatically in PTF UR52620 (March 2001). As a result, the help systems for all language versions of the GUIs will appear in English only. Also, the version of the GUIs that run on an AIX server will continue to work with Java 1.1.8 as well as Java 1.3.0, while the GUIs that run on Windows systems will only work with IBM Cross Platform Technologies Version 2.0.

Revised lpdmap.txt file available with PTF UR52620 (March 2001)

The new sample mapping file, **lpdmap.txt**, is available with PTF UR52620 (March 2001). The sample **lpdmap.txt** is located in *install_path\bin* when service is applied, but the version of the mapping file that is used by Infoprint Manager for Windows is located in *install_path\var\pd\lpd*. Therefore, to use the revised **lpdmap.txt**, copy the one from *install_path\bin* to *install_path\var\pd\lpd* and update with any customization changes for your site.

Infoprint Advanced Server changes default to keep failed jobs

Infoprint has changed the default for the hold and save of failed RIP files in the Advanced Server. The default used to be to delete failed jobs. Now the default is to keep failed jobs in support of the new function in the Infoprint Manager Administration GUI menu for **Queue**—→**Keep failed jobs**. A Distributed or Production (Advanced Server) system might want to delete failed jobs to keep the queues clean and free of bad files. Please check your queues regularly to avoid experiencing a sudden back-up of failed jobs after upgrading your system to PTF

UR52620 (March 2001). Queues that existed prior to the PTF are unchanged. Only new queues created after the PTF is installed are affected by this change.

Use PDF files with LPR Port Monitor and Windows Passthrough printer

To print PDF files on a Windows Passthrough printer, such as the Infoprint 70 or Infoprint 21, use the LPR Port Monitor. If you use the IBM TCP/IP Port Monitor, the PDF files do not print.

Release Notes for Version 1.1.0 PTF UR52402 (December 2000)

Excessive memory use with line2afp transform or ICONV

When you use the **line2afp** transform either directly or by specifying a **document-format** of **line-data** and you also specify an input exit of **asciinpe** or an input exit of **apka2e**, the **line2afp** conversion has reduced performance because this scenario causes excessive memory utilization. The excessive memory utilization is directly proportional to the size of the file. The combination of the size of the file and memory available may cause the Windows operating system to crash before the **line2afp** conversion is complete. If this happens, you must restart your Windows operating system.

Errors will also occur if you are running ICONV directly from the command line or using the ICONV API and specifying codepage 37.

An e-fix is available against PTF UR52402 (December 2000) to correct this problem, and this problem is also corrected in PTF UR52620, which is available at the end of March 2001.

All Jobs Already in the PDSERVER Before PTF UR52402 (December 2000) Are Re-Ripped When Sent to the Actual Destination

After you apply PTF UR52402 (December 2000), all print jobs that you submit will be RIPPed the first time they are submitted, including any jobs you already have retained on the Infoprint server for re-use. The existing copies of retained jobs are not compatible with the updated Infoprint Manager server, so they must be re-RIPPed. The first time you print those jobs, you may notice that they take longer to print due to the time needed to complete the RIP. However, once the new versions of the jobs are retained, they will print at the speeds you are accustomed to.

IBM TCP/IP Port Monitor Included on Server CD-ROM

The IBM TCP/IP Port Monitor is included on the Server CD-ROM (Version 1.6 for Windows NT and Version 2.0 for Windows 2000), and is installed when you apply PTF UR52402 (December 2000). If you already have the IBM TCP/IP Port Monitor installed, the Infoprint Manager install checks what level it is. If your port monitor is an older level for one of the six supported languages, it will be updated. (The six supported languages are English, French, Italian, German, Spanish, and Japanese.)

The PTF installation places a file called **readmepm.txt** under your *systemroot*\system32 directory, for example, C:\winnt\system32. The **readmepm.txt** is a readme for the IBM TCP/IP Port Monitor.

Update Notification Client and Notifyd at the same time

Be sure to update the Notification Clients and the Notifyd Server at the same time to benefit from performance enhancements in PTF UR52402 (December 2000). If you do not update the Notification Clients when the revised Notifyd Server is installed, the Notification Clients will not work.

Release Notes for Version 1.1.0 PTF UR52401 (October 2000)

Default Values Changed in ps2afp.cfg, ps2afpd.cfg, pcl2afp.cfg, pcl2afpd.cfg, and 3160d.cfg files

The new defaults include a page size of 8.5i x 11i, a page offset of 0i x 0i, and a printer resolution of 300.

If you used the previous default values in these cfg files, you should see an improvement in your performance when you use the new cfg files. However, if you use customized cfg files, the new defaults will not affect your performance.

Printing euro characters in ASCII files

If you print an unformatted ASCII file with Infoprint Manager, PSF uses the proprinter emulation fonts, which use code page T1000850 and C02055D0 by default. However, code page T1000850 does not include the euro character. To print the euro character, replace code page T1000850 with T1000858.

Note: The code pages for Infoprint Manager for Windows are in *install_path\fontlib*.

Customizing your Infoprint Manager Administration GUI to Enable or Disable a Destination

Before you can disable a destination, you may need to customize your Infoprint Manager Administration GUI as follows:

1. In the Infoprint Manager Administration GUI, go to the **Options** menu and select **Customize...**
2. On the **Customize** dialog box, select the **Logical** tab.
3. Under **Action**, activate the **Menu** or **Toolbar** checkbox for **Enable** and **Disable** (**Menu** places the actions in your **Logical** menu, and **Toolbar** places the actions on your toolbar).

PTF Installation Process creates a sample.zip file

As part of the installation process for PTFs, Infoprint Manager creates a **sample.zip** file that contains files you may have changed. The **sample.zip** file is located in *install_path\var\pdbk\sample.zip*. To unzip the sample.zip file, type unzip **sample.zip** from the *install_path\var\pdbk* directory. If you have changed any of the following files, they were saved in *install_path\var\pd\bk\sample.zip*.

- *install_path\bin\ainu**
- *install_path\bin\pdux**
- *install_path\bin\mvdsdsubm.exe*
- *install_path\var\pd\mvsd\mvsdmap.txt*
- *install_path\exits\acif**
- *install_path\exits\mvsd**
- *install_path\exits\psf**

- *install_path*\pcl2afp\pcl2afpd.cfg
- *install_path*\pcl2afp\pcl2afp.cfg
- *install_path*\ps2afp\ps2afpd.cfg
- *install_path*\ps2afp\ps2afp.cfg
- *install_path*\ps2afp\3160d.cfg

Infoprint Manager Client Installation Instructions

The Infoprint Manager Common Client CD contains the following client software. Installation instructions are generally found in the readme file within the client directory.

Table 1. Infoprint Manager client software

Contents of Common Client CD		
Directory	Contents	Instructions
colorripd	colorRipd is used to print to InfoColor 70 and Infoprint Color 100 printers by managing the rips when transferring the ripped data to the printers.	Select Setup.exe in the colorripd directory.
drivers	The AFP print drivers for Windows 9x, Windows NT, and Windows 2000. The afp subdirectory contains the Win9x , WinNT , and Win2000 subdirectories and a readme .	Open the readme file in the afp subdirectory for instructions about unpacking the drivers.
hpux	A client package that installs the Infoprint Manager commands on an HP-UX system.	Follow the instructions in the readme file in the hpux directory.
Infoprint Manager SAP Clients	Client software that allows you to send PostScript, PCL, OTE, and ABAP output from SAP systems for Infoprint Manager.	Follow the installation and configuration instructions in the readme file in the Infoprint Manager SAP Clients directory.
ipgui	<p>Infoprint Manager Administration GUI and Infoprint Manager Operations GUI. admin subdirectory contains english, french, german, italian, japanese, and spanish subdirectories. oper subdirectory contains danish, english, finnish, french, german, italian, japanese, norwegian, schinese, spanish, swedish, and tchinese subdirectories.</p> <p>Note: PDF versions of the Infoprint Manager GUI operator tutorials are located in the ipgui/oper/language directories. Navigate to the appropriate language folder and open the IPGUITO.pdf file. To view this file, you must have Adobe Acrobat 4.0.</p> <p>You use the Infoprint Manager Administration and Operations GUIs for most of your day-to-day Infoprint Manager tasks. For more information on the tasks, refer to the online Help system in the Infoprint Manager Administration and Operations GUIs.</p>	Follow the installation instructions in the readme file in the ipgui directory.

Table 1. Infoprint Manager client software (continued)

jre	The executable that installs the IBM Cross Platform Technologies for Windows (CPT) version 2.0 Runtime Environment for use with Infoprint Manager Notifications and the Infoprint Manager Administration and Operations GUIs.	Follow the installation instructions provided in the readme files within the Infoprint ipgui and notification directories.
lfclient	The Lightning Fax Client is only used with Infoprint Manager for AIX, for fax support.	Select Setup.exe in the lfclient directory.
notification	Infoprint Manager Notifications client and readme. Infoprint Manager Notifications enables a system to receive notification messages from Infoprint Manager server systems.	Follow the installation instructions in the readme file in the notification directory. Note: There are two setup programs for Infoprint Manager Notifications . If you are installing on a Windows system that is running in Mandarin (Chinese (Taiwan)), use notifysetup_zh_TW.exe . For Windows systems running in all other languages, use notifysetup.exe
select	The Infoprint Select client . The win subdirectory contains an English readme.htm file and danish, english, finnish, french, german, italian, japanese, norwegian, schinese, spanish, swedish, and tchinese subdirectories. The OS2 subdirectory contains readmes for each of twelve languages (the English readme is available as a flat file and as an htm file) and danish, english, finnish, french, german, italian, japanese, norwegian, schinese, spanish, swedish, and tchinese subdirectories. Use the Infoprint Select client client to print files from familiar workstation applications across your network.	Follow the installation instructions in the readme file in the win sub-directory.
sun	A client package that installs the Infoprint Manager commands on a Sun Solaris system.	Follow the instructions in the readme file in the sun directory.

For the most current information on these products, visit the IBM Printing Systems web site at <http://www.ibm.com/printers>. Scroll down to **Resources For**, select **Infoprint Manager**, and then select the appropriate Infoprint Manager product on the upper right corner.

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Release Notes for Version 1.1.0 PTF UR52375 (August 2000)

Changing your TCP/IP Settings

Changing the Server Hostname and IP Address

Use this procedure to change the hostname of the system that your Infoprint Manager server runs on.

Notes:

1. If you have changed the hostname/IP address on the system and already restarted the system, the Infoprint Manager service will not be able to start and your Infoprint GUIs will not function properly. Complete the “Changing the server hostname and IP address” task to correct the problem.
2. If the system that your Infoprint Manager server runs on is part of a domain, remove it from the domain before you perform this procedure. Complete the “Changing the server hostname and IP address” task before you add the system to the domain again.
3. **For multi-server environments:**
 - If you are changing the hostname/IP address on the namespace system, you must stop all of the non-namespace servers and un-map the network drives all of the network drives that you have mapped to the namespace system before you start the procedure below. After you complete the procedure below, re-map the network drives. Then, use the Management Console (**Edit** -> **Service Configuration**) on each of the non-namespace servers to change the **Base namespace path** and **Remote namespace folder** to the new hostname and restart the non-namespace servers.
 - If you are changing the hostname of a Infoprint Manager non-namespace server (running on Windows NT or Windows 2000) that shares a namespace with Infoprint Manager for AIX (with the namespace on an AIX system), follow the “Changing the hostname of a non-namespace server” on page 19 procedure below.

Changing the server hostname and IP address:

1. If your Infoprint Manager server is running, stop it by selecting **File** -> **Stop Server** in the Management Console.

Note: If you changed the hostname on the system and already restarted the system, your Infoprint Manager server will already be stopped.

2. If you use Infoprint Manager Security and have changed the member names of the **acl_admin** group so they include the hostname, follow these steps:
 - In the left pane of the Management Console, open the **Security** folder and click the **Groups** item.
 - In the right pane, check to see if any of the member names in the **acl_admin** group include the hostname.
 - Edit any user IDs in the **acl_admin** group that contain the old hostname by replacing the hostname with the wildcard character (*), so you will still be able to administer Infoprint Manager Security after the hostname is changed.
 - Make note of the members that you change so you can replace the wildcard with the new hostname once it is set.
3. Change the hostname/IP address using Windows interfaces. When the system asks, choose **not** to restart the system.

Note: If you have already changed the hostname/IP address of your system, you do not have to change them again. Continue with step 4.

4. In the Management Console, select **Edit->Changed Hostname**.
5. In the **Changed Hostname** dialog, enter the new hostname. Names are case sensitive. Make sure the new hostname that you type exactly matches the one on your Windows system and click **OK**.
6. When the system asks, restart the system so the changes take effect.
7. Update all of the client systems that communicated with the server using the old hostname/IP address to use the new one, including:
 - Infoprint Select clients
 - Infoprint Manager Administration GUI
 - Infoprint Manager Operations GUI
 - Windows gateway printers
 - IPP Gateway clients
 - Infoprint Manager Notifications clients
8. Update any Infoprint Manager Security ACLs or groups that reference IDs using the old hostname. In addition, if you changed any members of the **acl_admin** group in step 2, change the wildcard character to the new hostname.

Changing the hostname of a non-namespace server: Follow this procedure only if you are running both Infoprint Manager for AIX and Infoprint Manager for Windows as interoperating print servers and need to change the hostname of the system that Infoprint Manager for Windows is running on.

1. Complete “Changing the server hostname and IP address” on page 18 on the non-namespace server. At the end of the procedure, the Infoprint Manager for Windows NT/2000 server should be stopped and can no longer access the namespace on the AIX machine.
2. On the system that the Infoprint Manager for Windows NT/2000 runs on, disconnect the network drive that was mapped to the namespace on the AIX machine.
3. Log on to AIX server machine as **root**.
4. Follow this path: **Smitty-> Infoprint Printing System-> Infoprint Utilities-> Configure Secondary Servers (NFS)-> Link from Primary Server to Secondary Server**
5. In the dialog that appears:
 - a. Type the new hostname in the **Secondary Server Host Name** field.
 - b. Type the new server IP address in the **Secondary Server IP Address** field.
 - c. For **Is /ipdata used for job ticketing?** answer:
 - **Yes** if you use /ipdata with Infoprint Submit.
 - **No** if you do not.
 - d. For **Retain secondary servers previously defined?** answer **Yes**.
6. On the NT server machine, remap the network drive to the \\aixserver\var\pddir\default_cell filesystem using the same drive letter that you used for the network drive that you disconnected in step 2. Map the drive using the same user id and password that you used during the initial multiserver environment setup.
7. Log on to the AIX server machine as **root**.
8. Stop the Infoprint Manager for AIX server.
9. Clear the namespace by issuing the **clrfstns /var/pddir/default_cell** command.

10. Create the shared namespace by issuing the `crtfstns /var/pddir/default_cell` command.
11. Start the Infoprint Manager for AIX server.
12. Start the Infoprint Manager for Windows NT/2000 non-namespace server.

Changing only the server IP address: If you are only changing the IP address and you have updated your system name resolution so that the old name resolves to the new IP address, Infoprint Manager will be reset to use the new IP address with the old hostname when you restart the system. If any of your Infoprint clients refer to Infoprint Manager using the IP address, you must update them so they use the new IP address.

New Publications CD-ROM Available

The publications CD-ROM (SK2T-9288-01) for Infoprint Manager for Windows has been revised and is orderable.

Release Notes for Version 1.1.0 PTF U469452 (June 2000)

Before Installing this PTF, Save the Customized Values for your Infoprint Manager Administration and Operations GUIs

If you have customized your Infoprint Manager Administration and Operations GUIs, you need to save the configuration files before you install the PTF and then restore the saved configuration files after you have installed the PTF.

For the Infoprint Manager Administration GUI, copy the `ipgui_pa.cfg` file in `\install_path\ipguiadm\` and save it in a different directory; and for the Infoprint Manager Operations GUI, copy the `ipgui_p.cfg` file in `\install_path\ipgui\` and save it in a different directory. After you have installed the PTF, restore the `ipgui_pa.cfg` file and the `ipgui_p.cfg` file in their original directories.

Note: This situation was fixed with the August PTF. Therefore, you do not need to save your configuration files before you install the PTF.

Release Notes for Version 1.1.0

Changing your TCP/IP Settings

A process for moving and renaming your Infoprint Manager Server will be documented/automated in the future.

Notes:

1. A procedure for moving and renaming your Infoprint Manager Server has been automated in PTF UR52375 (August 2000). See "Changing your TCP/IP Settings" on page 18 for more information.
2. If the IBM Printing Systems Division pre-installed and configured TCP/IP on your Infoprint Manager for Windows Server, their documentation includes a procedure for modifying your TCP/IP settings for your individual location.

Limitations with Prolonged Server Activity

Due to known limitations involving prolonged server activity, it is strongly recommended that the Infoprint Manager Server be stopped and restarted every seven (7) days to avoid potential problems that could disrupt server processing. This situation is being addressed and will be resolved in the near future.

To stop and restart the server:

1. Disable all actual destinations with the Infoprint Administration or Operations graphical user interface (GUI).
2. Wait for all currently printing jobs to finish.
3. Stop the Infoprint Manager Server through the Management Console.
4. Restart the Infoprint Manager Server through the Management Console.
5. Re-enable all actual destinations through the Administration or Operations GUI.

Changes needed for Infoprint 21 Configuration File

Go to <http://www.printers.ibm.com/R5PSC.NSF/Web/ipntmgr> and download the `ibmapmtb.cfg` file into your `\install_path\npmweb` directory, replacing the existing version of this file. Using the `ibmapmtb.cfg` file allows your Infoprint 21 and Infoprint Manager Server to communicate using SNMP.

Note: This is fixed in PTF U469452 (June 2000).