README FILE for HEWLETT-PACKARD LASERJET 5Si and 5Si MX PRINTING SOFTWARE
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INTRODUCTION
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This release of the Hewlett-Packard LaserJet 5Si and 5Si MX Printing Software
provides support for the HP LaserJet 5Si and 5Si MX printer. The HP LaserJet 5Si and
5Si MX Printing Software includes: The HP LaserJet Windows PCL & PostScript Printer
Drivers, FontSmart, HP JetPrint for NetWare software, HP JetAdmin for NetWare
software, -and this ReadMe information file. The PostScript Printer Driver is only
shipped with the HP LaserJet 5Si MX printers.

The Setup program installs the HP LaserJet 5Si and 5Si MX printing system for you.
The installation instructions below describe how to install the driver for three
configurations: Stand-alone User for Windows 3.1 and 3.11 and Networked version
for User's sharing a version of Windows.

For additional information on the printer features and driver features, refer to the
online help included with each software component.

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INSTALLATION INSTRUCTIONS
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*Stand Alone Users Window 3.1 & 3.11 - Installation Instructions
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The HP LaserJet Printing Software provides one-step, automatic software installation
for full printer support under Microsoft Windows 3.1, 3.11 and Windows for
Workgroups 3.1 and 3.11. The installation utility copies all files necessary for the
Printing Software to your hard disk. The installation utility also informs Windows of all
the changes necessary to support this driver.

Before running any installation software, it is always suggested that you close all
applications, turn off any virus checkers, or TSR (terminate stay resident) programs
and restart Windows. (After installing the HP LaserJet Printing Software, you can turn
these programs back on.)

1. Insert Disk 1 of the HP LaserJet Printing Software disk set into the appropriate disk
drive.

2. From the Program Manager menu bar in Microsoft Windows 3.1, select "file".

3. Select "Run" from the drop-down menu under File.

4. From the "Run..." dialog box, type in the appropriate drive letter (usually A:\ of
B:\} then type "SETUP" and select the "OK" button. For example, if the disk is in
drive A, type "A:\SETUP" and select "OK".

5. Follow the instructions provided in the setup program.

*Installation of the Printer Drivers Through Windows Printer Control Panel
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The driver on the HP LaserJet 5Si and 5Si MX Printing Software disk may be installed
through the Windows Printer Control Panel. However, this is not the recommended
installation procedure since this will not install the other parts of the printing system.
If you have previously installed a version of the HP LaserJet 5Si Printing Software, it is
highly recommended you use A:\SETUP to install this new HP LaserJet Printing
Software. This will avoid incompatibilities between older versions of the HP LaserJet
Printing Systems and this one.

* Shared Windows Users - Installation Instructions
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Before running the installation software, close all applications, close the Microsoft

Office Manager, turn off any virus checkers or TSR (terminate stay resident) programs and restart Windows. (After installing the HP LaserJet Printing Software, you can turn these programs back on.)

This installation process is for users sharing a networked configuration of Windows 3.1. As the first step in the installation process, the Network Administrator should choose the "Network Administrator" method of installation. This step need only be done once and copies all files to the shared directory of Windows on the network. Then each client requiring access to the driver will need to run the HP LaserJet Printing Software Installer (File - Run - A:\SETUP) and choose one of the installation methods. No files will be copied to the client's local drive, but Win.INI will be updated to provide access to the driver. If HP FontSmart, HP JetAdmin or HP JetPrint are installed, only the WIN.INI will be updated. The WIN.INI is updated and an "HP LaserJet 5Si Printer" group is created in the client's Program Manager. (Not all disks are required for the client installations.)

* Server Installation Instructions
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1. Create a directory for the installation utility.
2. Create a subdirectory for each disk. Label the subdirectories "Disk1,
Disk2,...DiskN" for each disk. For example:
        Installer
          Disk1
          Disk2
            *
            *
          DiskN
3. Copy the complete contents of each disk into the corresponding subdirectory.
4. The installation utility will run without requesting disks.

*Installation Version Checking Support
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This feature helps eliminate a possible mismatch of files used by the printer driver with those required by Windows 3.11, Windows for Workgroups 3.11, and other applications. All .exe, .dll, and .drv file's versions are checked at installation time. All other files dates are checked before installing them.

*Installation Log
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In the \WINDOWS\SYSTEM directory, a file is created while the print Software is installing that shows all the files that were copied, renamed, or modified. The installer also records user selections in the installer and the environment of the PC it is being installed into. The filename is HPLJPS.TXT.

*On-Line Help

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On-Line help files are included for the HP LaserJet 5Si Printing Software, the HP Font Installer, HP JetAdmin, and HP JetPrint. Choose the Help button from these screens to access the Help information.

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What's New
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*Font Smart

The HP FontSmart utility includes font management tools and files that allow you to display on your computer screen the 45 fonts included in your printer. This approximation of screen display to printed result is known as WYSIWYG, short for "what you see is what you get." These fonts are automatically loaded and configured when you install the HP LaserJet 5Si and 5Si MX Printing System for Microsoft Windows 3.1.

*HP JetAdmin for NetWare Software
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HP JetAdmin is a software for network administrators. It helps you set up and manage your printer in a Novell networked environment. HP JetAdmin provides simple installation, configuration, troubleshooting, and management of HP JetDirect-connected printers. The HP JetAdmin software allows you to remotely configure, troubleshoot, and manage all the HP network printers and plotters on a Novell network from a computer running Windows, Windows for Workgroups, Windows NT 3.5, or OS/2 2.0 or greater. You can also set passwords for the printer control panel using the HP JetAdmin utility.

*HP JetPrint for NetWare Software
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The HP JetPrint software allows you to view, select, and print to all HP printers on the network from one screen. You can view control panel messages, and check the status and progress of print jobs. The HP JetPrint utility works only in Windows.

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PRINTER SOFTWARE UPDATE INFORMATION FOR THE PCL PRINTER DRIVER
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*How To Access The Driver:

The outline below identifies the available settings (and their location) in the HP LaserJet 5Si Printer driver property sheets (tabs) for the PCL driver. Access to driver

can be accomplished in a couple of ways. From the Windows Program Manager, select the Control Panel icon then the Printers icon, and finally select the settings button. Or, to access the driver from within an application, select Print Setup from the File pull-down menu then select the Setup button. For additional information about individual settings, select the Help button on the tab sheet.

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Driver Features
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*Paper Source Selection

This printer has three standard trays and one optional tray where paper can be input: tray 1, tray 2, tray 3 and tray 4 (optional). These locations are selected through your software application or the paper tab in the driver.

*Paper or Media Type Selection
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This selection allows you to specify the type of paper (for example, letterhead, color, transparencies, etc.) that you want the job printed on. If that paper is not loaded in the printer, the printer will prompt the user to load that paper.

*Print Quality Tab
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The settings for the Print Quality tab for this driver have changed to make it easier to select the best printer setup. Settings have been added to allow you to make selections for the type of printing you are doing. You can select one of the three optimized selections or select advanced and specify the individual printer settings. The list below describes the three print optimization selections.

Highest Quality Printing (Default) - Use this option for the best quality on your print job. The printer selects predetermined settings, including 600 dpi and fine halftones, which will give you the best quality printing for your job.

Save Toner - This setting automatically selects Economode, and means the printer prints in draft mode, thus saving toner.

LaserJet III Compatability Mode - Selecting this setting enables you to print forms and templates that were created for the HP LaserJet III family on your new printer, and maintain the exact formatting including page breaks and line wraps.

*Advanced
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The Print Quality screen option "Advanced" allows the user to select their own choices.

Graphics Mode Setting - The Graphics Mode printer setting is available to optimize graphic print performance. Four options are availalble: Automatic, HP-GL/2, Raster Graphics, and Raster Graphics and Text. "Automatic" selection allows the driver to determine which setting is best and to make the selection. "Raster graphics and text" sends all data to the printer as raster data. This is useful for layering text and grahpic images and functions the same as "Print TrueType as graphics" in other HP drivers

Font Settings - Font settings has two selections: "use internal fonts" (default) and "download soft fonts." For maximum performance select "use internal fonts." Use download soft fonts in cases where you lose WYSIWYG when using internal fonts. However, occassionally when text covers a graphic image producing an undesired effect, select "Raster graphics and text" in graphics mode setting to eliminate this.

Halftone settings - There are two settings. Use fine (default) for best quality with many shades of gray. Use high contrast for documents that need to be scanned or faxed.

REt - Resolution Enhancement technology (REt) refines the print quality of characters and graphics by smoothing out jagged edges that can occur around angles and curves in a printed image.

Page Protect - The Page Protection option allows the printer to reserve printer memory for printing complex text or graphic images. Page Protection enables your printer to create an entire page image in memory before physically moving the paper through the printer. This process ensures that the entire page will be printed and helps prevent print overrun errors (Error 21: Print Overrun).

Economode - Use Economode to reduce the amount of toner that your printer uses. As a result, pages printed with Economode turned on will be lighter than pages printed with Economode turned off. This feature can be used as a "draft mode" to extend the life of your toner cartridge.

Resolution - Resolution refers to the number of dots per inch (dpi) of ink or toner that the printer places on the page. As resolution is increased, the quality (clarity and visual appeal) of the print on the page is improved.

Collate/Uncollate - In multiple-page jobs that are collated, the printer will print a complete set of pages, followed by another complete set of pages, and so on until the total number of copies you specified have been printed. For example, for a two-page print job, it will print one copy each of pages 1,and 2, followed by another set of pages 1, and 2, and so on. In multiple-page jobs that are uncollated (also called grouped), all of the copies (the number of copies you specified) of page 1 are printed, followed by all of the copies of page 2, and so on.

***Watermarks** - The Watermark option allows the user to specify that text be placed "underneath" (in the background) of an existing document. For example, you may want to have large gray letters indicating "draft" or "confidential" placed diagonally across the first page or all pages of a document.

Booklet Printing - If a duplex unit has been installed, you will be able to print booklet style documents. In booklet printing, your pages are reordered and printed two-up on each side of a sheet of paper. This allows you to fold the paper in the middle, forming a booklet, and have the pages in the correct order with no page

shuffling.

N-up (multi pages per sheet) - Your printer has the ability to print multiple reduced pages on a single page of paper (where the number of pages printed on a single paper page is N). The pages are scaled proportionally so that the pages fit on a single page. Valid choices for N are 1, 2, 4, 6, 9, and 16. The default value is 1.

*Bi-Directional Communication
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Bi-Directional communication describes the ability of the printer to respond to data inquiries from your PC and report things such as what type of paper is available or what accessories are connected to the printer. If a printer does not have this capability (non bi-directional mode), it can only accept commands from the host and not report information back.

This printing system can use bi-directional communication to allow the printer driver to communicate with the printer regarding installed options and memory available. If bi-directional communication is not available, use the Accessories tab in the driver to manually set the software configuration to match the printer configuration in order to access all features.

Bi-Directional communication is available when the printer is connected to a Novell NetWare network by an HP JetDirect Print Server or a Novell NetWare NLM for HP LaserJet printers, and the application you are using has sufficient stack space to support bi-directional communication.

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User Hints
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*Windows Notepad or Cardfile Characters Missing

If you are printing with either Notepad or Cardfile and the first few characters are missing from the left side of the page, you can correct this in a couple of ways: either change the printer resolution from 600 dpi to 300 dpi or change the left margin setting in the application. To change the left margin setting, select the File pull-down menu then select page Setup. Change the left margin setting to 0.5 in. and print the document again. To change the printer resolution to 300 dpi, go to the printer driver. (Note that changing print resolution will result in the printer removing all downloaded fonts and macros from memory.) If you change resolution, remember to change it back to 600 dpi when you are finished printing.

*Graphics, Memory Errors, and Print Performance
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If you encounter printing difficulties, memory errors, or slow performance with any application, you might try changing the Graphics Mode setting to either Raster

Graphics or HP-GL/2. This setting is located on the printer driver Print Quality tab, under the Advanced Settings dialog box.

If neither Graphics Mode setting is able to print your document, try reducing the complexity of the graphics on the page which you are unable to print. Refer to the On-Line Help for additional informaton.

If you are unable to reduce the complexity of your graphics or if you print complex graphics on a frequent basis, you may desire to upgrade the memory in your printer by 4MB.

*Printing Compatibility with Earlier HP LaserJet Printers
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The LaserJet III Compaitbility Mode is provided to insure compatibility between documents printed with this driver and documents printed with previous LaserJet III Family drivers.

*Latest Version of THREED.VBX Included
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In the past some users have experienced problems between the Printing Software and THREED.VBX. This version of the Printing Software includes the latest version of THREED.VBX. This should eliminate most of these problems.

*Corel Draw Printing Performance
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The options below are made available to assist you in improving print speed. Print performance, however, is largely dependent on information in the graphics document being printed.

1. Print Performance
For best printing performance in CorelDRAW, it is recommended that you change the Graphics Mode to Automatic or Raster in the printer driver Print Quality tab, Advanced settings dialog box, and try your print job again. See the section on Graphics, Memory Errors, and Print Performance above for assistance.

2. Corel Draw 3.0: Improve graphics performance.
a) Open CorelDrw.ini with a text editor. The CORELDRW.INI is in the DRAW subdirectory for Corel Draw 3.0b or later. e.g. c:\core130\coreldrw\draw\coreldrw.inin
b) Go to the section labeled: [Config]
c) At the end of this section, enter the following line (exactly as shown):
UseClippingForFills=0
d) Save and close the CORELDRW.INI file.

The setting below impacts raster graphics only.

a) Open the CORELPRN.INI file with a text editor. The CORELPRN.INI file is also located in the CONFIG sub-directory.
b) Go to the section labeled: [Config]

c) Find the following line: DumpEntireBitmap=0
Change it to read: DumpEntireBitmap=1.
d) Save and close the CORELPRN.INI file.
e) RESTART Corel Draw.

Changing this entry form 0 to 1 allows Corel Draw to send raster data in blocks rather tna line by line. This should improve processing time of graphic intense files, and should improve performance.

*ALDUS PageMaker
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The PageMaker Set Width feature allows changes to be made to the size and spacing of specified characters. If the printed output does not match what you see on your monitor, go to the Print Quality screen, Advanced settings and select "Download Soft Fonts" under Font mode.

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Accessories
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Printer Hard Disk - Your hard disk accessory can be used to permanently store downloaded soft fonts in the printer. Unlike standard memory, permanently downloaded items remain in the printer even when the printer is turned off.

Additional Memory Installed in the Printer - If you have installed additional memory or removed memory from the printer and bi-directional communication is not available, the printer driver should be updated manually. To identify the exact amount of memory installed, print a PCL configuration page and refer to the "Available Memory" value. To set the information into the driver, open the driver, click on the Accessories tab and then enter the amount of memory into the Installed Memory box.

Multi-Bin Mailbox - The Multi-Bin Mailbox is a Hewlett-Packard printer output accessory that can perform one of the following functions: stacking, job separation, or mailbox. Refer to the online help for more information on these functions.

Duplex Unit - If you have a Duplex Unit installed in your printer, you can print on both sides of the paper.

Envelope Feeder - The envelope feeder is an additional input source designed specifically for feeding multiple envelopes.

2000-Sheet Input Tray - The 2000-Sheet Input Tray is an additional, high capacity input source that fits under the printer.

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PRINTER SOFTWARE UPDATE INFORMATION FOR THE POSTSCRIPT DRIVER
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This document contains installation information and software release notes for version 3.0 of the Adobe PostScript Printer Driver for use with Windows version 3.1. This version of AdobePS replaces all previous versions of Adobe PostScript Windows drivers and provides greater application compatibility, better performance, and many new features, including the following:

* Easy-to-use PPD installation control panel
* Advanced tab-style user interface
* N-up printing allowing multiple pages to print on a single physical page
* Watermarks allowing you to define and add text to the foreground or background of most documents
* PostScript port monitor for bi-directional printers, providing on-screen job and printer status

The following topics are covered in this README file:

* Instructions to delete previous versions of the driver
* Font downloader installation information
* General driver and downloader compatibility issues
* Application software compatibility issues

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Deleting Previous Versions of the Driver
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To install the software, you are not required to remove previous versions of the driver or delete any previously installed PostScript printers. However, if you suspect installation problems, first remove your installed printers from the Printers dialog box in the Windows Control Panel and reinstall them via the Adobe PostScript Printers dialog box, also in the Windows Control Panel.

If after removing and reinstalling your printers, you are still experiencing problems, delete all previous versions of the driver and and reinstall your printers using the Adobe PostScript Printers dialog box.

To delete a previous version of the driver:

1)   Exit Windows.

2)   From DOS, delete the following files (not all files may actually exist in your configuration) from both your WINDOWS and WINDOWS\SYSTEM directories:

        *.EBF
        *.PPB
        *.PPD
        *.PFM (delete these ONLY if you did not place them here using the ATM control panel or a
                    font installation program)
        ADOBEPS?.*
        RUN_ENUM.*
        PSINSTDV.EXE

```
          WINDOWN.EXE
          PS_ENUM.*
          DOWN.DLL
          DWN.HLP
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3)   Restart Windows to use Notepad or another ASCII text editor to delete the
       following entries from the WIN.INI file in the WINDOWS directory:

       [<printer_name>,<port>]   <<<Delete this line
       PrinterName=<printer_nickname>   <<<Delete this line

       [devices]
       <printer_name>=ADOBEPS,<port>,...   <<<Delete this line

       [PrinterPorts]
       <printer_name>=ADOBEPS,<port>,15,45,...   <<<Delete this line

       If the device= line in the [windows] section of the Win.INI file refers to
       AdobePS, delete that line.

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Font Downloader Instructions
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AdobePS 3 is packaged with a Font Downloader that allows the driver to download
PostScript fonts and PostScript files and perform other printer and font management
tasks.

The Font Downloader is automatically installed along with the driver. Although the
downloader can be run as a stand-alone program, Adobe does not recommend it for
use with any other PostScript printer driver.

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General Driver Compatability Issues
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Windows 3.0
This version of AdobePS supports Windows 3.1 only.

Interaction With Control Panel Printers Dialog Box
Some selections made in the Printers dialog box, such as Set as Default Printer and
Connect, take effect only after the Printers dialog box is closed.

Adobe Illustrator
If you install Adobe Illustrator after the Adobe PostScript driver, the following
message may appear:
"The file C:\WINDOWS\SYSTEM\PS_ENUM.DLL already exists and has a different date
than the file Illustrator is about to install. Do you wish to overwrite the current file on
the system?"

Select No; do not overwrite the file.

This same dialog will again appear for RUN_ENUM.EXE. Select No; do not overwrite this file, either.

If Illustrator has been installed without regard to the above instructions, reinstall the driver using the instructions listed in "Deleting Previous Versions of the Driver." You must clear all previous files to ensure a successful installation.

Duplicate Features in the Driver and Application
If your application contains the same feature as the driver (such as scaling or number of copies), use your application to set the feature; do not set it using the driver. Use the driver tab dialogs only to set printer options you cannot control via your application's Print or Print Setup dialog box.

Printing From Multiple Applications
Multiple applications cannot use AdobePS 3 at the same time. You can print from multiple applications, but must wait until a job has completed before starting another one.

Image Printing Performance
For some applications, printing images may be slower than expected. Printing performance will depend on bitmap characteristics (such as size or color) and the method the application uses to print bitmaps. For example, 24-bit color images will generally print out more slowly than 1-bit black-and-white images.

Optimize for Speed vs. Optimize for Portability
On the PostScript tab dialog, there is a group box called PostScript Performance. When you select Optimize for Speed, you may find certain jobs cause the printer to run out of memory, terminating the job with a VM or rangecheck error. If you encounter problems, try setting the PostScript Performance option to Optimize for Portability.

Downloadable Fonts
Printing lengthy documents that require the driver to download several fonts may generate one or more of the following error messages or conditions:

> PostScript Error: limit check
> PostScript Error: VM error
> Page with the message that the printer has insufficient memory
> Printer simply does not finish printing the job or resets.

Workarounds: Try one of the following:
1)	Reduce the number of fonts in the document.
2)	Try changing the PostScript Performance setting on the PostScript tab dialog to Optimize for 		Portability.
3)	Add memory to your printer.

Do Not Download Fonts Option
The Job Control tab dialog contains the Font Control option Do Not Download Fonts. Use this option only if you know that the fonts that you use in your documents are always available to your printer, for example, via a Font Folio disk attached to your printer. Otherwise, the printer may substitute Courier for your fonts.

Document Structuring Conventions
AdobePS 3 does not emit the DSC comments "%%BeginData ... %%EndData."
Without these comments, some network spoolers may fail to process jobs correctly.

Some Images Print With Limited Color
Images based on RLE-4 and RLE-8 compression print with limited halftoning effects.
Typically, shades of gray or color will print as either black or white.

Installation of Printer Font Metrics
The list of characters available in a font has changed from Windows 3.0 to Windows
3.1. AdobePS 3 uses the information in Printer Font Metric (PFM) files to help
applications lay out text correctly and to instruct PostScript printers how to print text
correctly. However, because of the changes in characters available, some older PFMs
may incorrectly list character widths and cause either errors in layout of text on the
screen, in the printer, or both. AdobePS 3 includes the newest versions of font PFMs
for all of the printers it installs.

If Adobe Type Manager (ATM) is installed and has included PFMs for fonts on your
printer, AdobePS 3 assumes that those PFMs are more up to date than the PFMs
included during driver installation.

If you suspect that your ATM fonts are incorrect, you can force AdobePS 3 to use its
own PFMs by following these steps:

1)   Use Notepad to edit a line similar to PFM_Dir=c:\psfonts\pfm in the [Setup]
        section of the ATM.INI file to read as follows:

        ;PFM_Dir=c:\psfonts\pfm

2)   Save the modified ATM.INI file.
3)   Proceed to install a new printer using the Printers dialog box in the Control
Panel.
4)   Restore the line in ATM.INI to its previous value.

Some Printers Reset When Sent Binary Mode Commands
Some printers do not support the Adobe Binary Communications Protocol (BCP) and
will reset if sent the command to switch into binary mode (requested via the Job
Control tab dialog, using Printer Mode, Send Mode). This happens only if you are
using the incorrect PPD for your particular printer. To avoid this situation, install the
correct PPD for your installed printer.

Using Print Manager
Windows Print Manager will create a temporary file when you print from an
application. Deleting this temporary file terminates the print job.

Suggested use: Click Cancel from the dialog box to terminate the print job or delete
from within Print Manager.

Custom Paper Dimensions
In some PPDs, the minimum width and height values for the Custom Paper option are
represented by three decimal digits. AdobePS 3 rounds off the value to two decimal
digits, which may result in an error indicating that one or both of your dimensions are
invalid.

Workaround: If you wish to use the minimum value, change the AdobePS 3 rounded

value (such as 8.26) to the exact value of the dimension with all decimal digits (such as 8.264).

Page Preview Image
The Page Preview image on the Paper tab dialog reflects only an approximation of the actual printed page. Paper size, color, and border filling in the page preview, for example, may not accurately represent the corresponding characteristic of the printed page.

When you specify a watermark to print in outline format, the Page Preview image of the Watermark and Paper tab dialogs do not display the outline watermark. This is a limitation of the driver's display feature only; the watermark will print correctly on the physical page.

Watermark Printing
In some applications, watermarks will print either in the background (the default) or in the foreground, but not in both.

Workaround: Try printing the watermarks in both the foreground and background to discover which location works best with your application and printed document.

Watermarks are enabled using the Forms capability in all Adobe PostScript Level 2 printers and will not print if sent to a PostScript Level 1 printer.

Workaround: Send jobs specifying watermarks to a PostScript Level 2 printer.

In some applications, when the Watermark First Page Only feature and Number of Copies features are combined, the watermark prints only on the first page of the first copy.

Workaround: Print each copy as a separate job.

Some applications don't support multiple pages, but can tile one page when printing. Depending on how your application tiles the page, AdobePS 3 may not know that a single logical page is being printed as two physical pages, for example. If so, the watermark may appear only on the second physical page.

N-Up Printing
N-up printing may yield unanticipated results. When you combine layout and orientation page-setup options in one document, the first logical page of a job determines the layout for the rest of the job. For example, if you choose portrait orientation for the first page of a document printed in 6-up, all pages in the document will print in the standard order for portrait orientation, left to right, top to bottom, even if you change to landscape orientation in the middle of the job. If you specify landscape orientation for the first page of a 6-up document, all document pages print bottom to top, left to right. For rotated landscape orientation, document pages print top to bottom, right to left.

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==============      ==============      ==============
|  1 |   2  |      | 3    |  6  |      |  4  |  1   |
==============      ==============      ==============
|  3 |  4   |      | 2    |  5  |      |  5  |  2   |
==============      ==============      ==============
|  5 |  6   |      | 1    |  4  |      |  6  |  3   |
==============      ==============      ==============
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Portrait   Landscape   Rotated Landscape

Additionally, if you request a different resolution, page size, or paper source, or if you request duplex settings for different pages of a document while using the n-up feature, AdobePS 3 completes the previous request and then starts a new page, applying the currently requested page-setup settings. The order of the layout remains the same, although virtual pages of an n-up layout may appear to be missing. This is because AdobePS 3 starts the next set of instructions on a new sheet of paper.

In some applications, when the Layout and Copies features are combined, new pages are started, as needed, only in the first copy.

Workaround: Print each copy as a separate job.

Dialog Box Warning of Application Incompatibility with Watermark and N-Up Features
Some applications are incompatible with watermark and page layout (n-up) features. If this is true for an application you are using, AdobePS 3 displays the Application/Printer Setup Incompatibility dialog box, which lets you cancel the print job, try to print using the driver's features, or print without using the driver's features. By default, AdobePS 3 displays this dialog box each time you send a print job specifying features with which the application is incompatible. If this is an inconvenience for you, you can disable the dialog box.

To disable the Application/Printer Setup Incompatibility dialog box:

1)   Use Notepad or another ASCII text editor to open the WIN.INI file and go to the
         [AdobePS] section.
2)   Choose one of two options:
         * Find the line "Show Compatibility Alert=1" and change the value from 1 to 0.
         * If the Show Compatibility Alert line does not exist, add the line "Show
Compatibility
             Alert=0."
3)   Save and close the file.

Problems Printing Envelope and Document in a Single Job
When you print an envelope-and-letter job involving paper source changes, if the first page uses the manual-feed paper tray and the next page changes to Auto Tray Select, printing may yield unexpected results. For example, envelope text may be printed on letter-size paper instead of the expected envelope.

Workaround: Specify specific paper sources instead of Auto Tray Select, or print each page as a separate job.

Problems Printing to Printers in Adobe IntelliSelect (AIS) Mode
A Printer Mode value of ASCII Mode, set via the Job Control tab dialog, is incompatible with printers in AIS mode and results in an error. Also, files with embedded EPS graphics or text created via drivers other than AdobePS 3 may not print correctly to a printer in AIS mode.

Workaround: If your printer has a front panel, change from AIS mode to standard PostScript or TBCP and then reprint the job. Or, do not choose Send Mode and use only the printer's default mode.

Full-Color Bitmap Printing Performance

When you select the PostScript option Send Full Color Data and are using 24-bit color images, AdobePS 3 sends the full image data to the printer. You may not need this data for printers that are unable to render 24-bit color images. However, selecting this option allows the printer's halftoning capabilities to be used to their greatest extent to print the best possible image.

Alternative: If improved performance is more important than accurate color halftoning, turn off the Send Full Color Data option.

Accidentally Printing EPS Files
If a printer driver is accidentally configured to print EPS output to a printer rather than a file, AdobePS 3 displays a warning that EPS should not be output to a port; the job prints correctly within the application, then the printer stays in a waiting mode until either (a) another job is sent, or (b) a time-out error occurs. To avoid this situation, ensure that EPS format is only output to File, not Printer.

Font Installation
The presence of fonts installed by some font installers may not be recognized.

Workaround: To notify the driver of fonts installed by non-Adobe font installers, manually update the ATM.INI file. For more information, see the Adobe ATM user guide.

Match Color Across Printers Option
The Match Color Across Printers option uses the device-independent color-rendering feature available in PostScript Level 2 color printers to render color output as close as possible to the colors of other Level 2 printers. This feature is intended to give accurate and consistent color rendering across a wide range of color devices.

GENERAL FONT DOWNLOADER COMPATIBILITY ISSUES

Downloading Task Thermometer
The task-progress thermometer does not always reflect the true status of the font downloading task. Even though the font does download, the thermometer may not reflect 100%.

Printer Serial Connection
If your printer is connected to a serial port, the Font Downloader may not work correctly. You may receive misleading error messages, and some of the dialogs may not display the correct data, with regard to installed devices, for example.

Downloading PostScript Files Containing Binary Data
The Font Downloader can download only PostScript files containing ASCII data and may display an error if the PostScript file contains binary data.

Workaround: In the PostScript tab dialog, turn off the Send Data in Binary option in the Performance Options box, and redownload the PostScript file. Or , do not use the Font Downloader; instead, send PostScript files containing binary data to the printer from DOS using the Copy command.

Device Installer Problems
Sometimes the Font Downloader does not let you delete installed devices, does not display newly installed devices in the device list box, or continues to list fonts previously deleted.

Workaround: Exit completely from the driver. Reenter the program via the Setup button of the Printers dialog box; choose the Fonts tab dialog; click the Font Downloader button, and the Font Downloader dialog box appears. Click Device Installer. The newly installed devices should now appear. To delete a device, highlight it, and choose Remove.

Update of WIN.INI File
The Font Downloader does not update the WIN.INI file to reflect the fonts that it has downloaded; therefore, other PostScript drivers or application programs that read WIN.INI for information updates will not know which fonts have already been downloaded.

Misleading Memory Messages
Sometimes when you are downloading a group of fonts, the Font Downloader sends messages indicating that there may not be enough available memory to download the individual font. This message may or may not reflect the true state of your printer.

Workaround: If you know your printer has plenty of memory, choose Yes in response to the Font Downloader message and continue downloading the fonts. Also, to avoid display of the insufficient- memory message, download the fonts individually, not by group. If your printer is low in memory, you may not be able to download all fonts to it.

APPLICATION SOFTWARE COMPATIBILITY ISSUES

Aldus Freehand
Aldus Freehand does not support the Rotated Landscape Orientation option of the Paper tab dialog.

Fractal Design Painter 2.0
In the PostScript tab dialog is a group box called PostScript Performance. Fractal Design Painter 2.0 is compatible only with the Optimize for Portability option of that box.

Micrografx ABC FlowCharter 3.0
In documents over seven pages long, letters might print superimposed upon each other. This problem seems to occur on printers with a resolution of 600dpi or higher.

Workaround: Print to a printer with a resolution lower than 600dpi.

Micrografx Designer 4.0
AdobePS 3 does not support the Colored Pattern Brush feature of Designer 4.0 and the earlier application Charisma and prints filled areas of color bitmaps in black and white.

MS Excel
Printers with resolutions in excess of 300dpi may exhibit uneven patterning in graphics using color fill patterns.

MS Notepad and Cardfile
Resolution of 600dpi or above may cause Notepad and Cardfile to print with incorrect margins. Sometimes this can be corrected by specifically changing the requested margins from 0.75", the default margins, to another value; this does not always fix the problem.

Workaround: Most printers with resolution above 600dpi have lower resolution modes; if so, select a lower resolution in the printer's Print Setup, Setup, Features tab dialog. If not, install the Adobe Default Printer and select it when printing from Cardfile or Notepad.

MS Online
Microsoft Online may not print when AdobePS 3 is selected and the printer name is longer than 29 characters.

Workaround: Choose a printer name with fewer than 30 characters.

MS PowerPoint 3.0
Resolution changes requested from within the PowerPoint 3.0 Print Setup dialog box do not take effect.

Workaround: For printers that allow control of their resolution, use the AdobePS 3 Features tab dialog to change resolution in your PowerPoint 3.0 files.

When printing some colored text from PowerPoint 3.0, the text prints in black rather than the selected color.

MS PowerPoint 4.0
Printing files containing multiple embedded EPS objects from this application sometimes results in either lost text or lost EPS objects.

Workaround: Convert the embedded EPS objects to PowerPoint objects by double-clicking on them.

MS Publisher 2.0
The BorderArt feature of MS Publisher 2.0 is incompatible with AdobePS 3. If you try to use this feature with AdobePS 3, the printed file may be missing lines from the upper and bottom right and left corners of the border.

PageMaker
AdobePS 3 is incompatible with PageMaker 5.0 or earlier if you are using a PJL printer.

Workaround: Upgrade to the latest version of PageMaker if you are using a PJL printer.

Some PageMaker files may print with unexpected results.

Workaround: Make sure that you have selected the correct type of printer in the PageMaker print dialog box and that the PageMaker private PPD directory contains the correct PPD for the printer you are using.

Persuasion 3.0
Depending on the file you are trying to print, Persuasion 3.0 is sometimes incompatible with AdobePS 3. Printing sometimes results in a blank first page or a PostScript error.

Quicken 3.0
If you choose to print partial checks in 1s or 2s, instead of the standard 3s, you may get unexpected results. When you request partial check printing, Quicken prints a blank first page, a second page in portrait orientation, and a third page in landscape orientation.

WordPerfect 5.1
Early versions of WordPerfect may exhibit some problems with this driver. Examples include: unreadable text in the WordPerfect Select Printers dialog; dimmed Select control in the Select Printers dialog when switching printers; and mismatched settings between AdobePS 3 and WordPerfect.

Workaround: Use at least version 5.1 of WordPerfect.

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VII. How to Obtain Additional Information Form HP Services
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Refer to the HP LaserJet 5Si and 5Si MX user manual for methods to obtain support.

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VIII. Software License and Copyright Notices
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