

FreeFlow® VIPPManage

User's Guide



© 2017 Xerox Corporation. All rights reserved. XEROX® and XEROX and Design®, FreeFlow®, FreeFlow Makeready®, FreeFlow Output Manager®, FreeFlow Process Manager®, VIPP®, and GlossMark® are trademarks of Xerox Corporation in the United States and/or other countries.

Other company trademarks are acknowledged as follows:

Adobe PDFL - Adobe PDF Library Copyright © 1987-2017 Adobe Systems Incorporated.

Adobe®, the Adobe logo, Acrobat®, the Acrobat logo, Acrobat Reader®, Distiller®, Adobe PDF JobReady™, InDesign®, PostScript®, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. All instances of the name PostScript in the text are references to the PostScript language as defined by Adobe Systems Incorporated unless otherwise stated. The name PostScript also is used as a product trademark for Adobe Systems' implementation of the PostScript language interpreter, and other Adobe products. Copyright 1987 - 2017 Adobe Systems Incorporated and its licensors. All rights reserved. Includes Adobe® PDF Libraries and Adobe Normalizer technology.

Intel®, Pentium®, Centrino®, and Xeon® are registered trademarks of Intel Corporation. Intel Core™ Duo is a trademark of Intel Corporation.

Intelligent Mail® is a registered trademark of the United States Postal Service.

Macintosh®, Mac®, and Mac OS® are registered trademarks of Apple, Inc., registered in the United States and other countries. Elements of Apple's Technical User Documentation used by permission from Apple, Inc.

Novell® and NetWare® are registered trademarks of Novell, Inc. in the United States and other countries.

Oracle® is a registered trademark of Oracle Corporation Redwood City, California.

PANTONE™ and other Pantone Inc. trademarks are the property of Pantone Inc. All rights reserved.

QR Code™ is a trademark of Denso Wave Incorporated in Japan and/or other countries.

TIFF® is a registered trademark of Aldus Corporation.

The Graphics Interchange Format® is the Copyright property of CompuServe Incorporated. GIFSM is a Service Mark of CompuServe Incorporated.

Windows®, Windows®7, Windows® 8, Windows® 8.1, Windows® 10, Windows Server® 2008, Windows Server® 2012, Windows Server® 2016, and Internet Explorer are trademarks of Microsoft Corporation; Microsoft® and MS-DOS® are registered trademarks of Microsoft Corporation.

All other product names and services mentioned in this publication are trademarks or registered trademarks of their respective companies. They are used throughout this publication for the benefit of those companies, and are not intended to convey endorsement or other affiliation with the publication.

Companies, names, and data used in examples herein are fictitious unless otherwise noted.

While every care has been taken in the preparation of this material, no liability will be accepted by Xerox Corporation arising out of any inaccuracies or omissions.

Changes are periodically made to this document. Changes, technical inaccuracies, and typographical errors will be corrected in subsequent editions. Produced in the United States of America..

Table of Contents

Installing the VIPPManage Utility	5
Getting started	6
Program download	6
Documentation download	6
Specialty Imaging and Barcode Font download	7
System requirements	8
Installation instructions	9
VI Compose software installation	9
License installation	10
VIPPManage installation	10
Completing the VI Compose and the VI Compose License installation	11
Installing VI Compose software on target devices	11
Uninstalling VIPPManage	15
 FreeFlow VIPPManage	 17
VI Suite Customer Forum	17
VIPPManage Q&A	18
 Using VIPPManage	 21
VIPPManage GUI elements	22
VIPPManage functional areas	23
Menu options	23
Creating and managing printer groups	24
Common controls	25
Install VI Compose	26
Load Project Resources	28
Send Container	32
Delete Files	37
List Printer Files	40
Manage Legacy Files	42
Load a Legacy Job's Resources	43
Send a submission file to the Printer	45
Remove a Legacy Job's Resources	45
Load PS Fonts	48
 Index	 51

Installing the VIPPManage Utility

“Installing the VIPPManage Utility” provides the information needed to install VIPPManage on a personal computer. Details about system requirements, licensing and installation prerequisites, and installation instructions are found in these sections:

- [System requirements](#)
- [Installation instructions](#)
 - [VI Compose software installation](#)
 - [License installation](#)
 - [VIPPManage installation](#)
 - [Completing the VI Compose and the VI Compose License installation](#)
- [Uninstalling VIPPManage](#)

NOTES

Back up customized files

When upgrading or uninstalling this software, be sure to back up any customized files that may be required at a later date.

Updates are released as Full Installers.

You are able to install any FreeFlow VI Suite 15.0.2.0 update over any prior release of the FreeFlow VI Suite. Installation of VI Suite components require Administrator privileges.

Active products must be stopped prior to update installation.

Any active product, such as FreeFlow VI eCompose or VI eCompose services must be stopped prior to any update installation.

Getting started

The program you are about to install must first be downloaded from the Xerox website. Download instructions are provided here. Once you have downloaded the appropriate files you can then proceed to the installation instructions that follow.

Program download

To download the VIPPManage software electronically, go to www.xerox.com/support, search for **VIPP**, then select **Software**. If required, set the Operating System type appropriate for your target platform to display the correct installer file. Click on the VIPPManage installer file to download.

NOTES

Program delivery

Programs are delivered in .iso or .exe format. These files can be downloaded directly to the target device. When the device does not have internet access, copy the EXE file on the target device, or use the ISO file to burn a CD from which the program can be installed.

Program and font download

Some Variable Information programs, Specialty Imaging fonts, and Barcode fonts are available for purchase by customers in the United States that want to purchase those programs or fonts using a credit card. These downloadable products can be found at the Xerox eStore (<http://buy.xerox.com>).

Documentation download

All of the FreeFlow Variable Information Suite documentation, including translated versions, is available for download. Go to www.xerox.com/support, then search for **VIPP**, and select **Documentation**.

Specialty Imaging and Barcode Font download

To download Specialty Imaging and Barcode fonts, go to www.xerox.com/support, then search for **VIPP**, and select **Software**.

NOTE

When downloading fonts, you will be directed to review an End User License Agreement. In order to download the fonts you must review and accept the End User License Agreement. If you do not accept the End User License Agreement you will exit from the font download page.

System requirements

VIPPManage must be installed on a Windows 7, Windows 8 and 8.1, Windows 10, or Windows Server 2008 (including R2), or Windows Server 2012 (including R2) system on which the VI Compose software is installed, it is not supported on any other operating system. The PC must be connected to a network that provides connectivity to the desired print device(s). In addition, the VI Compose production license for that device(s) must be copied onto the PC. VIPPManage is supported on 32-bit and 64-bit systems.

Descriptions of the system requirements and installation process follow.

The minimum configuration and requirements are:

- Intel Pentium 4, Intel Centrino, Intel Xeon, or Intel Core Duo (or better) processor
- 2 GB Ram.
- 1024 x 768 screen resolution.
- 20GB Hard drive. (Dependant on the size of the resources used in the application.)
- FreeFlow VI Compose software installed on the PC. (Xerox recommends that you install the latest version of the VI Compose and patches.)
- Valid VIPP license file for the target print device.

NOTE

Operation of the VIPPManage utility on a computer with VMWare as the base operating system, and the use of Remote Desktop or other sharing software, has not been tested, and is not supported.

Installation instructions

VIPPManage is used to install, manage and submit VIPP applications to Xerox Office PostScript print devices. Follow the steps below to setup and use VIPPManage.

- Install VI Compose software on the PC. This is a requirement, VIPPManage can not load VI Compose to the printer unless the VI Compose software is first installed on the PC.
- Install VIPPManage on the PC.
- Obtain a valid VIPP printer license(s) for the target office device(s) and copy to a safe folder on your PC.
- Use the VIPPManage software to download the VI Compose software to the target device and start VIPP.
- Use VIPPManage to submit VIPP applications to the device or to manage VIPP files on the device.

VI Compose software installation

The VI Compose software must be installed on the PC prior to installing the VIPPManage utility.

Follow these steps to install VI Compose to the PC:

1. FreeFlow VI Compose (in .iso format) can be downloaded (see [“Program download”](#)). When the .iso file download is complete, burn a CD to use to install VIC. Place the CD into the CD-Drive and follow the on-screen prompts
2. If the VI Compose install does not start automatically, browse the CD, in the Windows folder click on the **setup.exe** file to start the installation. Follow the on-screen instructions. When prompted for paper size, select either US Letter, for installations in the USA, or A4 for all other regions. (This selection is used to install US Letter or A4 VIPP demonstration files as well as to set up VI Compose system defaults.)
3. At the Software License Query screen, answer “No” to the question “Do you have a software license for FreeFlow VI Compose”. For the operation of VIPPManage it is not required to license the VI Compose software on the PC.
4. The VI Compose installation completes automatically.
5. Reboot the PC.

License installation

A VI Compose license file is required for the target desktop or office print device to operate in unrestricted VIPP mode. Without a valid VI Compose license file the device will operate in Demonstration Mode only. In demonstration mode VIPP applications with more than ten pages will abort after ten pages.

In order for VIPP applications to print on the target office device, a VI Compose license for that device must be purchased. For information on how to purchase a VI Compose license for the office, contact your local Xerox representative. Once a license file has been delivered to you (typically either downloaded or sent in an email from Xerox). You should store it on a safe location on your PC. It is also recommended that you back up your license files. VIPPManage will be used to install the license file (described later in this document). Without a license installed, any job greater than ten pages will abort after ten pages.

VIPPManage installation

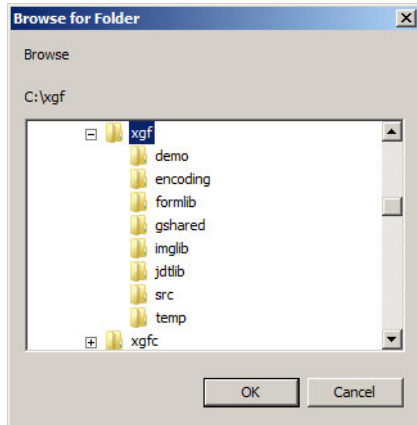
Once the VI Compose license file is installed on the PC, follow these steps to install the VIPPManage software on the PC:

1. Browse the FreeFlow VI Compose CD and open the VIPPManage folder, double-click the **setupvm.exe** to start the VIPPManage installation.
2. When prompted, read then accept or decline the terms of the End User License Agreement (EULA). Declining these terms terminates the software installation.
3. Restart the system when installation is complete

After restarting the system, start the software and proceed to the next section of this document.

Completing the VI Compose and the VI Compose License installation

The first time you start VIPPManage, you will be asked to specify the location of the VI Compose directory. VIPPManage needs this information in order to function correctly. This dialog will be displayed, use it to browse for and select the directory in which the VI Compose software is installed, typically C:\xgf.



When the location of the VI Compose directory changes later on, choose **Options > VI Compose Directory...** to select the new directory.

Installing VI Compose software on target devices

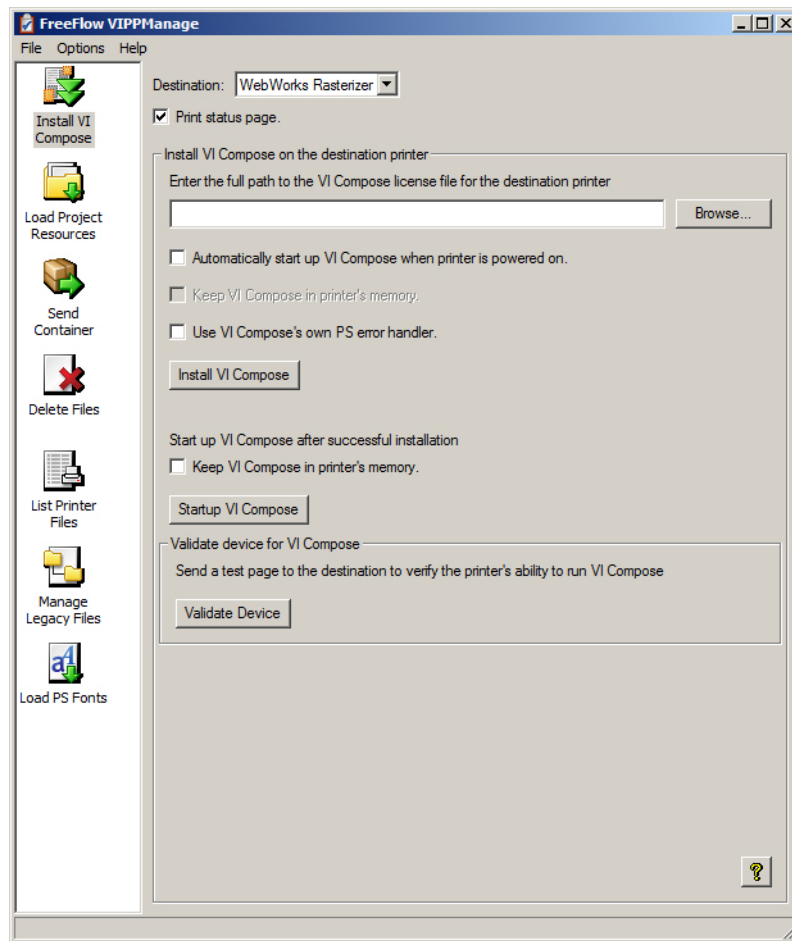
Once the VIPPManage software has been installed and configured on your PC, you can use VIPPManage to

1. Install the VI Compose to the target printers (This is optional, as the VI Compose SW can also be sent down as part of the print job)
2. Manage Resources
3. Submit VIPP jobs to the target device
4. List printer files
5. Install PS fonts

Installing the VIPPManage Utility

Installation instructions

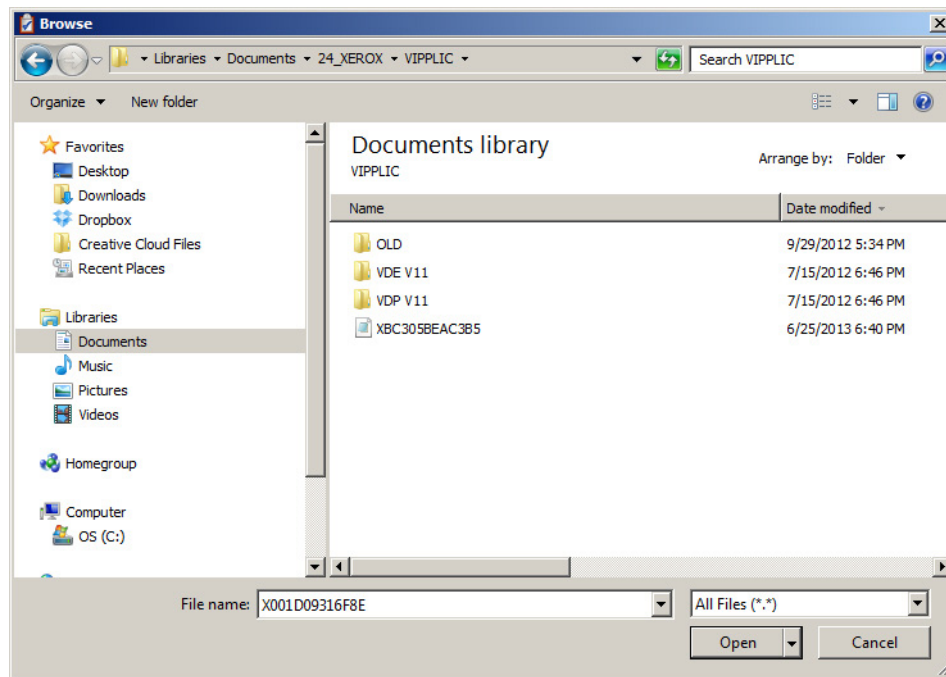
VIPPManage normally defaults to Install VI Compose on the destination printer window, or it can be accessed by clicking the **Install VI Compose** icon.



Select the Destination Printer. The pull-down will list all available Windows PS printers, VIPPManage knows about.

For setup purposes, Xerox recommends that you select the Print status page checkbox. When using in production you will want to leave this option unchecked.

If you have a printer license, you may select it by browsing to it. Select the **Browse** button next to the “Enter the full path to the VI Compose license file for the destination printer”.



Browse to the folder (created earlier) that contains the VI Compose license files for your office devices. Select the license file for your device and hit the Open key. This will populate the path in the space provided.

When this field is left blank, the license file referenced in the local *xgfdos.run* file is used. (By default: *xgflsrc\xgf.lic*.) This license may not be valid for the selected printer, in which case you will either be restricted to printing 10 pages (Demonstration license) or will receive an invalid license message. Enabling **Status Page** may assist in identifying any issue.

Automatically Start VI Compose on Printer Power up

Checking this check box allows VI Compose to startup automatically when the printer is powered on. When choosing not to automatically startup VI Compose, the VI Compose must be started manually by clicking the **Startup VI Compose** button on this panel every time the printer is powered on. Xerox recommends selecting the option to start the VI Compose at printer power on.

NOTE

Not all printers can support this feature. To support these devices VI Compose must be manually started each time the printer is powered on. VI Compose will remain enabled until the device is switched off.

Keep VI Compose in printer's memory

This option is unselected by default. You may select the Keep VI Compose in printer's memory check-box to store the VI Compose software in the device memory. This is designed to support devices without a hard drive. If your device has a hard drive it is recommended that you do not check this option, this will preserve system resources.

VI Compose's own PS Error Handler

This option can be selected when the target printer does not have a PostScript error handler that can create an error page. Check the printer PostScript options. When the printer provides this capability this option can be left unchecked.

Install VI Compose

If you are satisfied with all the settings, click this button to install all the necessary VI Compose setup files (including the license file) to the selected printer.

NOTE

This operation always replaces all the existing VI Compose setup files on the printer.

When the operation is successful and **Print status page** is checked, a list of the files stored by this operation and the current status of the Startup Mode is printed on the target printer. The status of the files is either *loaded*, *replaced* or *not replaced*.

Startup VI Compose

This option is used to start the VI Compose software on the target device after the software has been successfully installed, but, cannot be started automatically. You may select the Keep VI Compose in printer's memory check-box to store the VI Compose software in the device memory. This is designed to support devices without a hard drive. If your device has a hard drive it is recommended that you do not check this option, this will preserve system resources. You would need to use the Startup VI Compose option each time the printer was powered down and up again.

Validate Device

This option is used to verify the printer's ability to run VI Compose and print out the test page.

Uninstalling VIPPManage

To uninstall VIPPManage use one of these methods:

- Click **Start > All Programs > FreeFlow VIPPManage xx > Uninstall FreeFlow VIPPManage x.x.**
- Use the **Add or Remove Programs** option on the Control Panel.

FreeFlow VIPPManage

VIPPManage (VM) is a utility used with VIPP-enabled desktop or office print devices to:

- Load the VI Compose software and production license, delivered as part of the VI Compose Ship Kit, to the target printer during the initial installation process.
- Install VI Compose patch files.
- Manage VI resources by loading or deleting them from the hard drive of the VIPP-enabled device.

VIPPManage supports both legacy and VI Project Container files (.vpc). VI Project Container files must be VIPP container files. VIPPManage does not support PPML or PS VI Project Container files.

VIPP-enabled desktop or office print devices typically include N-Series, Phaser, WorkCentrePro, DocumentCentre and Color Qube printers.

The *FreeFlow VIPPManage User's Guide* provides instructions for using the VIPPManage utility and its graphical user interface (GUI). The *FreeFlow VI Compose User's Guide*, and the *FreeFlow VIPP Language Reference Manual* provide in-depth information about the VI Compose program, the VIPP language, program files, resources, and modes in which VIPP data streams are sent to print. Information about other VI Compose applications can be found in their respective documentation.

VI Suite Customer Forum

Xerox hosts a Community Support Forum. The VI Suite Customer forum is now part of this larger support forum, allowing you to post and review information about Xerox products and services all from one location. Please take a minute to log into this customer forum community. <http://forum.support.xerox.com>.

VIPPManage Q&A

The information below provides answers to some commonly asked questions, and links to relevant areas of the documentation.

How do I print?

Submit print files to the target printer using industry standard methods such as *lpr* or *print*.

Files can also be sent to the print device using VIPPManage. You can use the “[Send Container](#)” option to print VI Project Container files (.vpc) or the “[Send a submission file to the Printer](#)” option found in the “Manage Legacy Files” section to submit non VI Project Container files.

How do I load the VI Compose?

Click the **Install VI Compose** icon to load the VI Compose on the destination printer using the “[Install VI Compose](#)” function.

How do I start VI Compose on a VIPP Printer?

VI Compose can be setup to start automatically on printer start up (if the printer supports this) by selecting **Automatically start up VI Compose when printer is powered on** during VI Compose software installation.

VI Compose can be manually started by clicking the **Startup VI Compose** button in the **Install VI Compose on the destination Printer** window that is displayed when the “[Install VI Compose](#)” icon is selected. You may select this option without having to install VI Compose again.

How do I load or delete VI resources?

There are options to load VI Project files or selected files within a VI Project, refer to the “[Load Project Resources](#)” section of this document for more details.

Individual or multiple legacy resource files can be loaded using the **Manage Legacy Files** icon. Refer to “[Manage Legacy Files](#)” in this document for more details.

How do I list the contents of a disk?

Select the **List Printer Files** icon.

How do I create a portable VIPP print file?

Use the **Send Container** icon to assist in creating a “self contained” VIPP data file. A self contained VIPP data file is typically used when VI Compose is not loaded on the target print device, or, when you do not want to load the VI resources to the target device.

This option allows you to configure the makeup of this data file to include or not include the:

- VI Compose setup files
- VI resources
- VI Compose License file

For more information on this capability refer to “[Send Container](#)”.

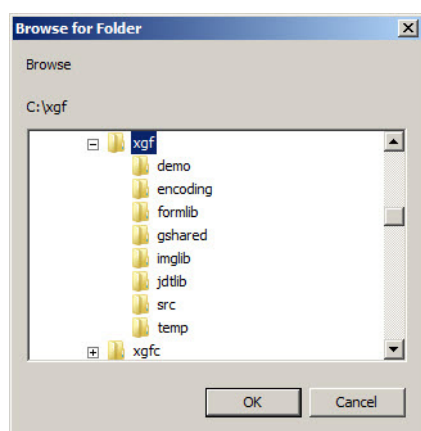
Can I use VIPPManage and Specialty Imaging?

Specialty Imaging is only supported on FFPS and EFI production printers. Due to the size of the *vipp.spi* module, support for Specialty Imaging is not included in VPPManage. When installing VIPP from the PC with the *vipp.spi* module active, VIPPManage will ignore that module and will not activate Specialty Imaging capabilities.

Using VIPPManage

To start the VIPPManage utility, double click the **VIPPManage.exe** file located in the vipppmanage directory, or on the VIPPManage shortcut installed on the desktop.

If you are starting the VIPPManage software for the first time, and installation has not been completed, you will be asked to specify the location of the VI Compose directory. Select the appropriate directory and click on OK.

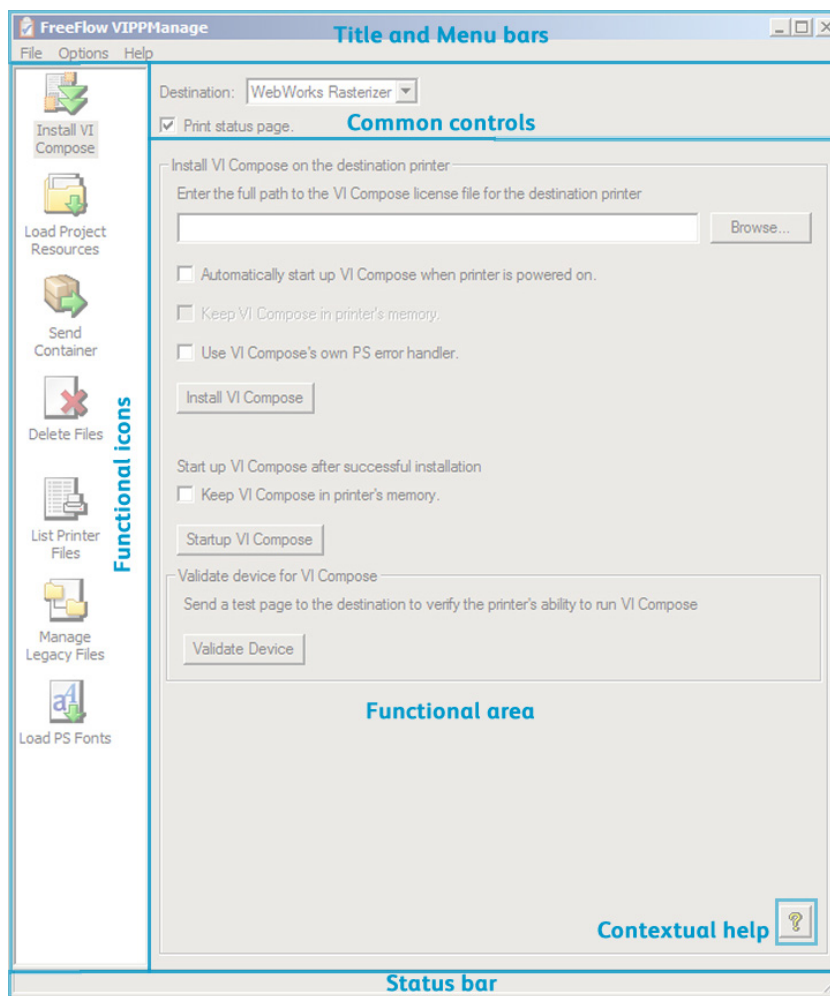


VIPPManage needs this information in order to function correctly. Therefore, you must have the VI Compose installed on the PC before you can start using VIPPManage. For initial software installation instructions, refer to [“Installing the VIPPManage Utility”](#).

VIPPManage GUI elements

The VIPPManage GUI displays icons on the left hand side that can be used to select the seven different functional areas of the VIPPManage software. The GUI is composed of these elements:

- Title bar
- Menu bar
- Common controls
- Functional area
- Functional icons
- Status bar



NOTE

Some of the screens depicted in this document have been modified to show areas that may be unavailable (“greyed out”) when accessed under normal operating conditions. Under normal circumstances windows that are not applicable to a selected action will not be available for data entry.

VIPPManage functional areas

Controls common to all VIPPManage functional areas, and each individual VIPPManage functional area, are described in these sections:

- [Menu options](#)
- [Common controls](#)
- [Install VI Compose](#)
- [Load Project Resources](#)
- [Send Container](#)
- [Delete Files](#)
- [List Printer Files](#)
- [Manage Legacy Files](#)
- [Load PS Fonts](#)

Menu options

The Menu bar at the top of the VIPPManage screen provides the following drop-down menus:

- **File** — exits the program, or press Alt-X.
- **Options** — provides VI Compose and Printer Groups options.

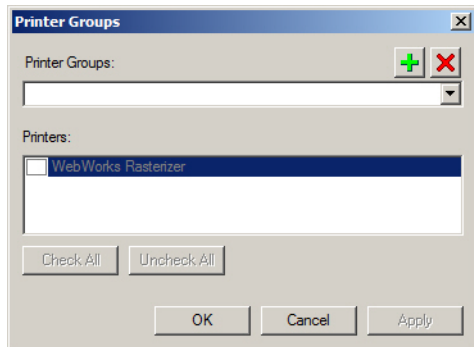
When VI Compose is selected from the Options drop-down menu, a dialog is produced. Use the dialog to browse for and select a new VI Compose directory.

Use Printer Groups to apply a VIPPManage function to multiple printers. Printer group names are always prefixed with double backslashes (\\) in the destination list. When working with a printer group, ensure that the data is valid with regard to all the printers within the printer group. For example, when installing VI Compose use a VI Compose license file valid for all printers in the group.

- **Help** — provides access to information about the VIPPManage program, and the interactive help files.

Creating and managing printer groups

Choose **Options > Printer Groups...** to bring up the Printer Groups dialog.



The selections available on the Printer Groups dialog are described here:

Printer Groups

This drop-down list contains all the existing printer groups. Choose a printer group from this list to modify its printers list or delete the group.

Add a printer group

Use the Add button to create a new, and empty, printer group. Provide a printer group name that contains only underscores (“_”) and alphanumeric characters.

The new printer group is added to the Printer Groups drop-down list and becomes the currently selected printer group.

Delete a printer group

The Delete button deletes the currently selected printer group.

Printers

This checkbox list contains all the PostScript printers available on the computer. Check the box next to the printer to assign it to the currently selected printer group. Click the OK or Apply button to commit the selections.

Check All

The Check All button selects all the printers in the printers list.

Uncheck All

The Uncheck All button deselects all the printers in the printers list.

Common controls

There are two common controls shared by all the feature panels shown on the upper right side of the application window. These two controls are used to select the target print device, and the option to print a status page that will provide feedback on the requested action. A third common control at the bottom of each application window can be used to access contextual help.

Destination (target printer)

This drop-down list contains the names of the PostScript printers currently defined on the PC. Use this list to select the target printer for the VIPPManage utility. Non-PostScript printers do not appear on this list.

If there are additional PostScript printers you would like to support, use the Windows Add a Printer functionality to configure them.

Use printer groups to apply a VIPPManage function to multiple printers. Printer group names are always prefixed with double backslashes (\\) in the destination list. When working with a printer group, ensure that the data is valid with regard to all the printers within the printer group. For example, when installing VI Compose use a VI Compose license file valid for all printers in the group.

Print status page

This check box lets you specify whether to print a status page reporting the effect of the requested action on the printer. Status is reported for the result of a VIPPManage function that either loads or removes files from the printer. The status page shows whether the specified action was successful. If the print device is remote, this option can let a print operator at that location verify the selected operation.

NOTE

Successful task completion messages are displayed in the status bar at the bottom of the application window. Error messages are displayed in pop-up dialog boxes.

Help

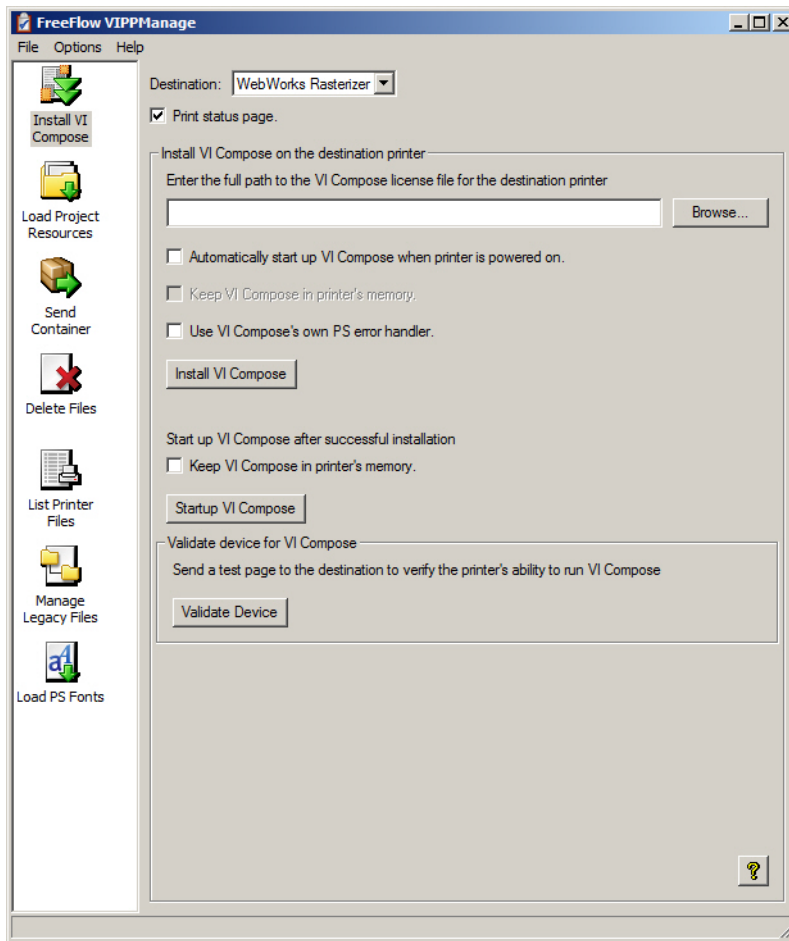
This button provides access to the section of the on-line help directly related to the application window.

Install VI Compose

The Install VI Compose option allows you to install a copy of the VI Compose software onto the target printer, which is identified in the Destination drop-down box. It also provides a means to manually startup VI Compose if the print device does not support the automatic startup option.

Use this option to re-install VI Compose in its entirety if changes are made to the VI Compose environment. The VI Compose environment that VIPPManage installs on the printer reflects the setup of VI Compose on the PC. If the local setup is changed, and you want the printer to have the same changes, you must re-install VI Compose on the printer.

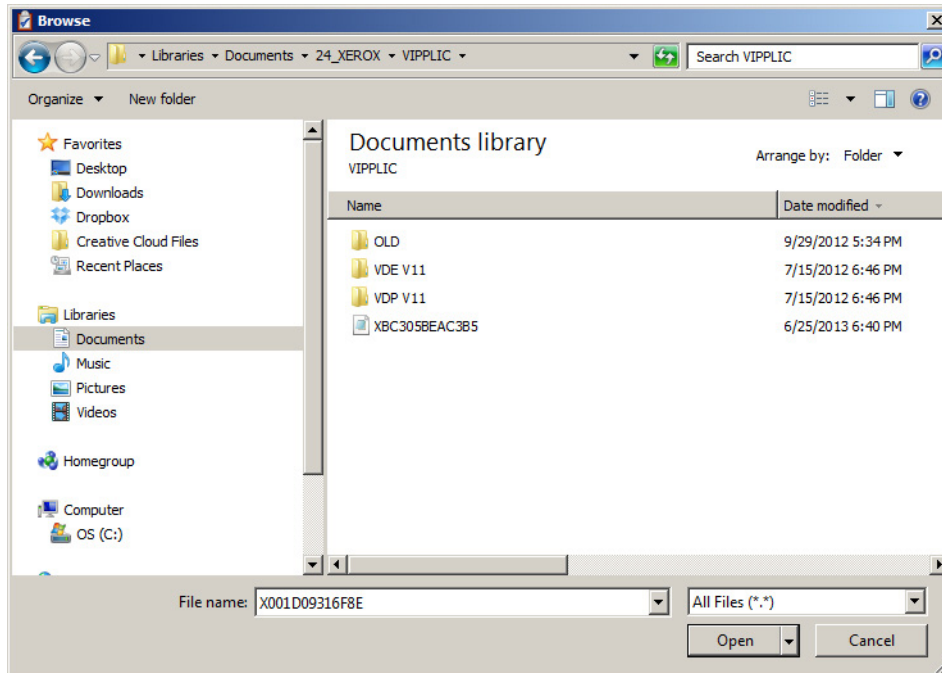
Refer to “[Installing the VIPPManage Utility](#)” for the complete step-by-step instructions for the initial installation of VIPPManage.



The GUI produced when the Install VI Compose icon is clicked provides these options:

Enter the full path ... / Browse

Use this option to locate the appropriate license file for installation on the target printer. Refer to [“Installing the VIPPManage Utility”](#) for complete step-by-step instructions.



Automatically startup VI Compose when printer is powered on

Enable this option to startup VI Compose automatically when the printer is powered on (recommended). If you choose not to automatically startup VI Compose, you must start VI Compose manually by clicking the [Startup VI Compose](#) button on this panel every time the printer is powered on.

NOTE

Not all printers can support this feature. To support these devices VI Compose must be manually started each time the printer is powered on. VI Compose will remain enabled until the device is switched off.

Use VI Compose's own PS error handler

Select this option if the target printer does not have a PostScript error handler that can create an error page. Check the printer PostScript options. If the printer provides this capability you can leave this option unchecked.

Install VI Compose

Click on this button when you are satisfied with all the installation settings. All necessary VI Compose setup files (including the license file) will be installed to the selected printer. Also refer to “[Installing the VIPPManage Utility](#)” for initial VI Compose and VIPPManage installation instructions.

NOTE

This operation always replaces all the existing VI Compose setup files on the printer. The VI Compose environment on the PC will be reflected on the target printer.

During a successful installation, when the [Print status page](#) check box is checked, the printer prints a list of the files stored by this operation and the current status of the Startup Mode. The status of the files is either loaded, replaced or not replaced.

Startup VI Compose

Use this option to manually startup VI Compose on the target printer after a successful installation. If VI Compose is installed successfully and the [Print status page](#) check box is checked, the target printer prints a VI Compose startup banner page.

Load Project Resources

VI Projects simplify VI resource management tasks. All files for a single job can be stored as a single “project” folder. For example, a project folder might be called “ACME_Billing” and may contain all the resources for the ACME billing job.

VI Project files and VI Project Containers can be downloaded to the target device, simplifying VI resource management tasks. For more information about VI Projects review “VI Projects” in the FreeFlow VI Compose User’s Guide.

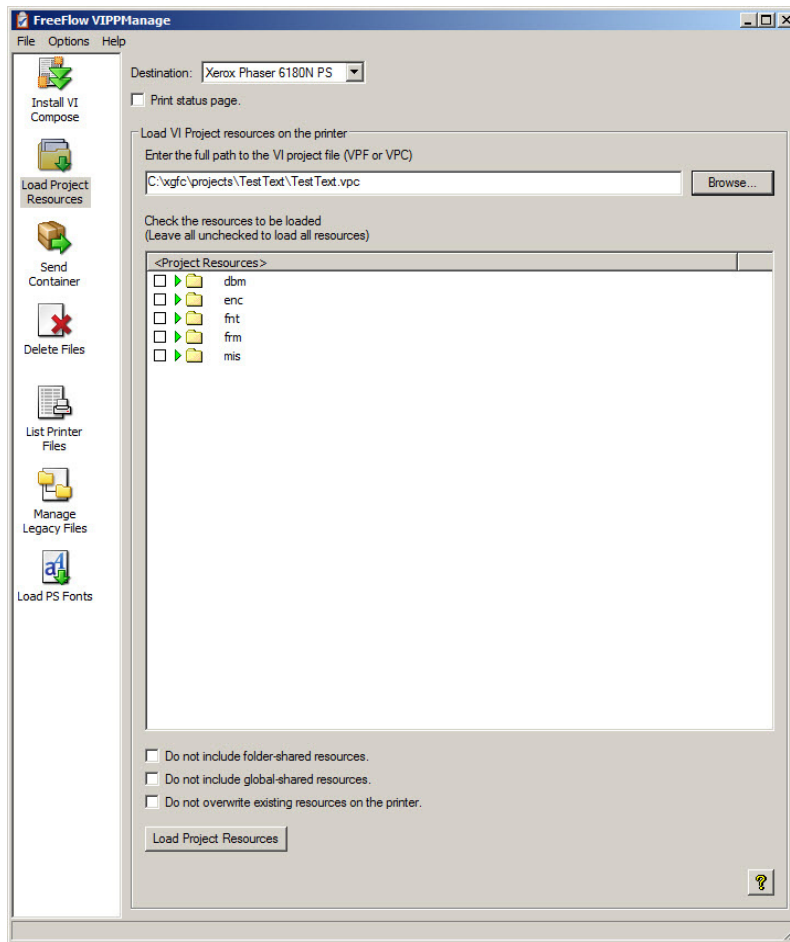
VIPPManage supports the loading of VI Project files to the target print device. If you are not using VI Projects, review “[Manage Legacy Files](#)” for information on how to load individual or multiple VIPP files that do not use the VI Project specifications.



CAUTION

When using the load project resources option to load files on the printer, files with the same name will be overwritten unless you select **Do not overwrite existing resources on the printer**. You will not be prompted by the VIPPManage application.

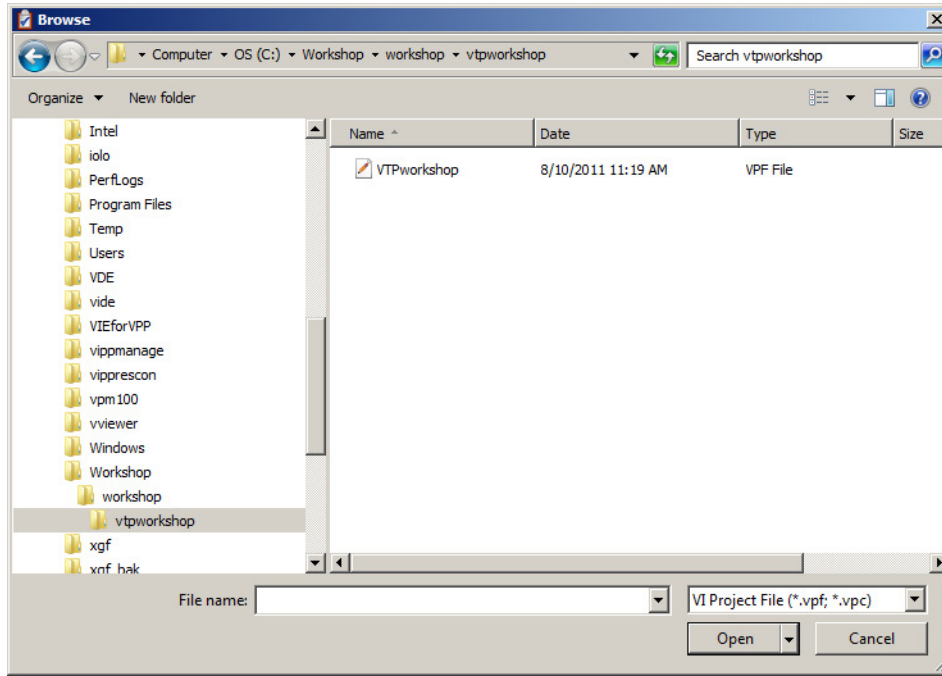
To load a VI Project File (.vpc or .vpf) to the target print device select the Load Project Resources icon in the left hand menu. This will display the Load VI Project resources on the printer dialog.



This panel lets you store the resources of a VI Project (.vpc or .vpf) on remote printers. You can then print submission files for this VI Project on the target printers.

Enter the full path ... / Browse

Prior to selecting the path to the VI Project file, confirm that the destination printer is correct in the **Destination** window.



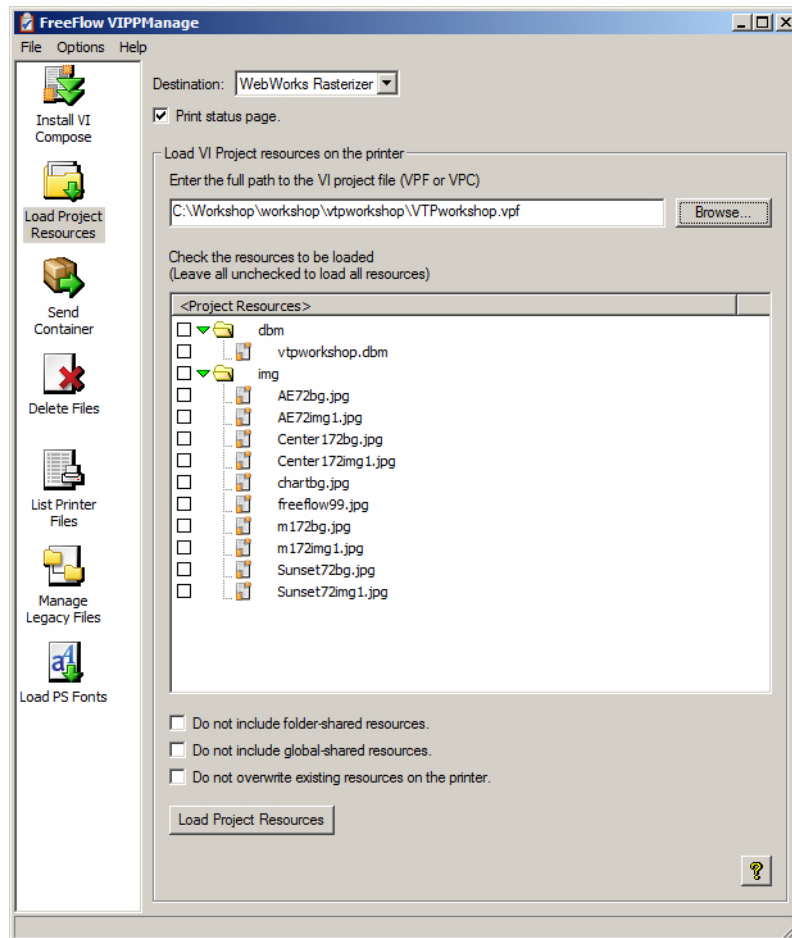
The **Browse** option allows you to locate and enter the full path to the VI Project file using the **Choose a VI Project File (VPF or VPC)** dialog, or by manually entering the full path to the VI Project file in the window to the left of the Browse button.

NOTE

In order to work with VI Project Container (VPC) files, the print-and-forget directory vpcpfd inside the xgfc directory is used for the storage of temporary files. The string that indicates the location of print-and-forget directory, such as (C:\xgfc\vpcpfd\\$\$FOLDER.\\$\$PROJECT.\), must be present as the first entry of the SETPPATH command in the xgfdos.run file of VI Compose.

Project resources

Once a valid project file is selected, the project resource list is populated with all the resource files that belong to the selected project, grouped according to resource type. Use the check boxes on the left side of the list to pick the resources you wish to store on the printer. To load all the project resources leave all checkboxes blank.



The options for storing project resources are:

- **Store all files in a project** — To store all the project resources in the list on the printer, leave all the check boxes blank.
- **Store all similar resources** — To load all resource files of a particular type, enable the check box next to the folder representing the resource type. For example, check **frm** to load all the forms in the project.
- **Store individual files or sub sets of files from a project** — Use the green triangle to expand or collapse the folder to see all the resources within that folder. Enable the check box next to the individual resources to store on the printer. When the resources are selected, click the green triangle again to collapse the folder so its files are hidden.

Do not include folder-shared resources

Do not include global-shared resources

These two check boxes take precedence over the checked resources in the resource list. Therefore, if **Do not include global-shared resources** is checked, no global shared resources of this project will be stored on the printer, even if some of them are checked in the resource list.

If the project's shared resources are already stored on the printer, you may enable these check boxes to avoid redundancy and speed up the download. For more information about VI Projects review “VI Projects” in the *FreeFlow VI Compose User's Guide*.

Do not overwrite existing resources on the printer

Enable this check box if you wish to avoid overwriting existing files, otherwise, files of the same name will be overwritten.

Load Project Resources

Clicking **Load Project Resources** overwrites existing files of the same name on the printer by default. No warning message will be displayed.

When all the settings are correct, click this button to load the VI Project resources on the selected printer.

If the operation is successful and [Print status page](#) is checked, a list of the files loaded by the operation will be printed on the target printer. The status of the files is:

- loaded
- replaced
- kept (not overwritten).

Once the Project resources are successfully loaded, the VI Project's submission file can be sent to the printer using whichever method you prefer:

- DOS print command
- LPR
- Web-based client
- Send Submission File function using “[Manage Legacy Files](#)”

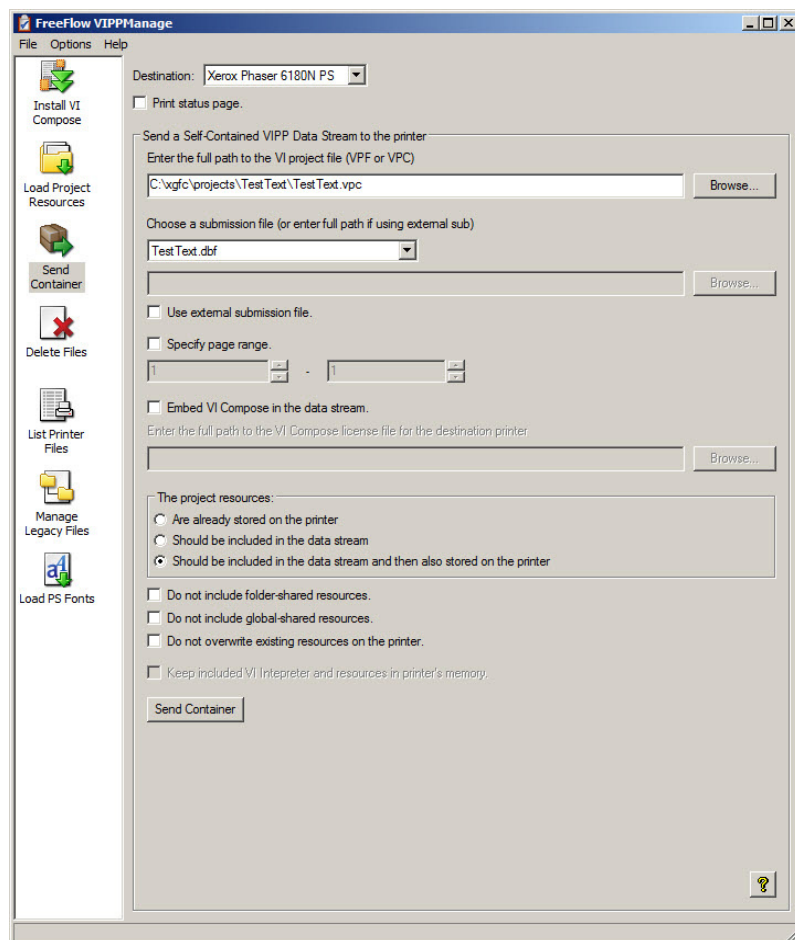
Send Container

The Send Container screen allows you to select the parts of the VIPP data stream you want to send to the printer in a self-contained VIPP data file. Self-contained data streams can consist of:

- VI Compose setup files
- VI Compose license file
- VI Project files
- Print submission file for the project

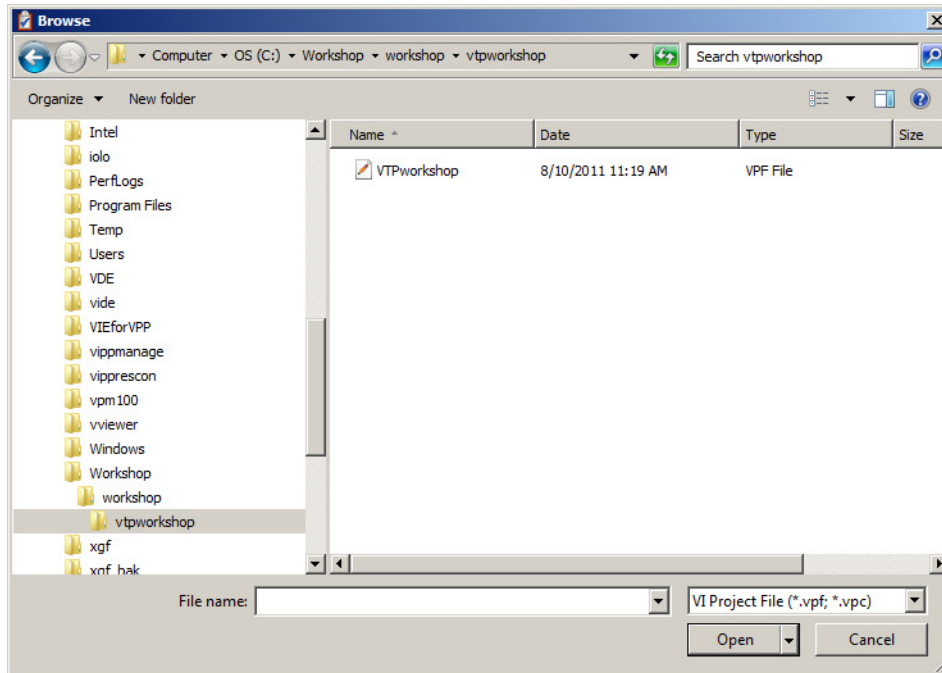
This option allows you to use VI Compose when the software cannot be installed on the device, or when you do not want to permanently install VI Compose and VI resources on the printer. When using Send Container, VIPPManage creates a print file that contains the VI Compose setup files (optional), all the project resources (optional), and a submission data file for the project.

Selecting the **Send Container** icon produces the **Send a Self-Contained VIPP Data Stream to the printer** window. The options are described below. Make sure the destination printer is selected in the **Destination** window prior to using this option.



Enter the full path ... / Browse...

Type the full path name to the VI Project file or use the **Browse...** button to locate the file.



Once a valid project file (.vpc or .vpf) is selected the submission files list is populated with all the submission and form files that belong to the selected project. Follow the instructions below to select a print submission file.

Choose a submission file

You must include a valid print file for the selected project in the self-contained data stream. This print file can be part of the VI Project or an external submission file.

Using internal submission file (File located in the project file)

Choose either a submission file or a form from the list. The primary submission file is used if the selection is left blank.

Using external submission file (File not in the Project file)

You can use a print file that is not part of the project. If the **Use external submission...** check box is checked, you must type in the full path pointing to an external submission file, or use the **Browse...** button to locate the file. The field cannot be left blank.

Specify page range

Check this box if you wish to specify a page range to print. If you do not want to specify a page range, do not check this box.

NOTE

VIPPManage does not verify the validity of the page range.

Embed VI Compose in the data stream

Include VI Compose in the data stream when VI Compose does not reside on the destination printer. If VI Compose is already loaded on the print device, leave this option unchecked. By selecting this option, VIPP will add the VI Compose software to the data stream it sends to the printer. When the job has completed, VI Compose will be removed from the print device automatically.

Enter the full path to the VI Compose license file ...

You must include the VI Compose license file with the data stream submission. Without a valid license file the evaluation license will be used and the job will terminate after ten pages. Use the **Browse...** option to browse to the location of the valid VI Compose license file. This should be located in the C:\VIPPLIC directory or a directory you created for VI Compose license files.

If you leave this field blank, the evaluation license file is used.

NOTE

If the VI Compose license xgf/src/xgf.lic is already stored on the printer, the printer's VI Compose license will take precedence over the license included in the data stream.

Project resource options

VIPPManage provides the following options for resource files:

- **Are already stored on the printer** — Select this option if you do not want to include the VI resources in the data stream. This assumes that the resources have already been downloaded to the printer.
- **Should be included in the data stream** — Select this option to include the VI resources in the data stream. This assumes that the resources are not present on the hard drive or you do not want to use them. (This option is required if the printer does not have a hard drive). The resources loaded to memory will be deleted once the job completes.
- **Should be included in the data stream and then also stored on the printer** — Select this option to include the VI resources in the data stream that will be sent to the printer and then store those resources on the printer's hard drive. The resources will not be removed after the job has completed.

Do not include folder-shared resources

Do not include global-shared resources

If shared or global resources are already stored on the printer, check these boxes to avoid redundancy.

Do not overwrite existing resources on the printer

The default for this function is to overwrite existing files of the same names on the printer when project resources are stored on the printer. Enable this option to keep the existing files.

Send Container

When you are satisfied with all the settings, click this button to send the self-contained data stream to the printer.

If the operation is successful, the printer produces output based on the specified submission file. If you choose to store project resources on the printer and **Print status page** is checked, the printer also prints a list of the project resources loaded by the operation.

Delete Files

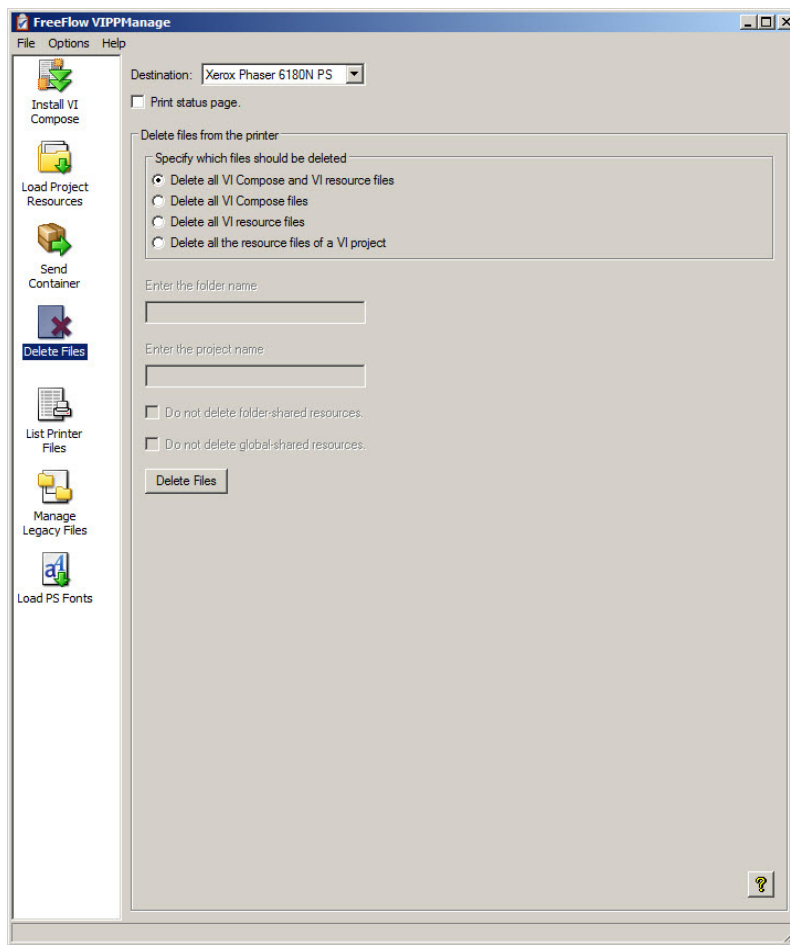
Select this icon to delete files stored on the printer's hard drive.

NOTE

VIPPManage can only control the resources that it loaded to the printer. It will not be aware of resources loaded to the printer or removed from the printer using another tool.

Prior to deleting files, use the **List Printer Resources** icon option described in the next section to print a list of VI resources stored on the hard drive of the printer. Xerox also recommends that you reload resources using the VIPPManage utility so that the internal list of resources loaded matches those actually stored on the printer.

Confirm that the target printer is selected in the **Destination** window.



This panel lets you delete all:

- VI Compose and VI resource files
- VI Compose setup files
- VI resource files
- Resource files of a VI Project

Delete all VI Compose and VI Resource files

Select this option to remove all the VI Compose and VI resource files loaded by the VIPPManage utility from the selected printer. The deleted files include all:

- VI Compose setup files (xgf/*)
- VI Resource files, (or customer data files in xgfc/*), including project resources

Caution should be used, as this operation is not reversible. To recover you must re-install VI Compose and the VI resource files you just deleted.

Delete all VI Compose files

Select this option to remove all the VI Compose setup files (xgf/*) from the selected printer.

Delete all VI resource files

Select this option to remove all the VI resource files. These include all files located in the xgfc/ path on the printer, including DBM, JDT, XJT, images, forms, and fonts previously loaded by the VIPPManage utility.

Delete all the resource files of a VI Project

Select this option to remove all the resource files belonging to a VI Project from the selected printer.

Enter the folder name

Enter the project name

You must provide both the folder and the project names as they are shown on the printer. If you are unsure of the correct names, print a list of all the VIPP files on the printer to see the exact names.

Do not delete folder-shared resources

Do not delete global-shared resources

The shared resources may still be used by other projects on the printer. Xerox recommends that you enable these check boxes if you do not wish to remove shared resources from the printer.

Delete VIPP files

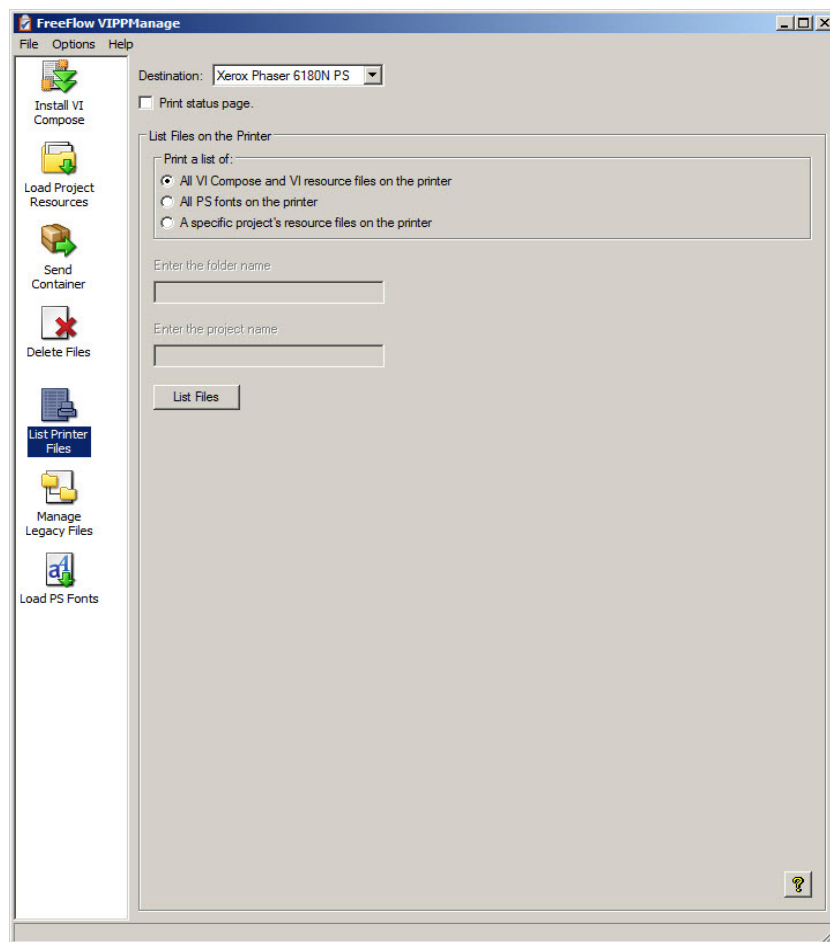
When you are satisfied with all the settings, click this button to remove the files from the printer. If the operation is successful and **Print status page** is checked, the printer prints a list of the files deleted by the operation.

List Printer Files

This option is used to print a list of all the VI Compose and VI resource files currently installed on the printer's hard drive. The target printer is listed in the **Destination** window.

The print options are:

- All the VI Compose and VI resource files on the printer's hard drive
- All the PS fonts on the printer
- Resources in a specified VI Project folder



You can list all the files currently stored on the destination device, PostScript fonts loaded to the destination device, or only resource files for a specific project. If you list resources used in a project, you must supply the folder and project name.

All VI Compose and VI resource files on the printer

Select this option to print a list of all the VI Compose and VI resource files on the printer (in both xgf/* and xgfc/*).

All PS fonts on the printer

Select this option to print a list of all the PostScript fonts on the printer, including both the printer's built-in fonts and the fonts loaded on the printer by the “[Load PS Fonts](#)” operation.

A specific project's resource files on the printer

Select this option to print a list of all the resources used in a specified VI Project that are stored on the selected printer.

Enter the folder name

Enter the project name

You must provide both the folder and the project names as they are shown on the printer. If you are unsure of the correct names, print a listing of all the VI Compose and VI resource files on the printer by selecting the **All VI Compose and VI resources on the printer** option described above.

List files

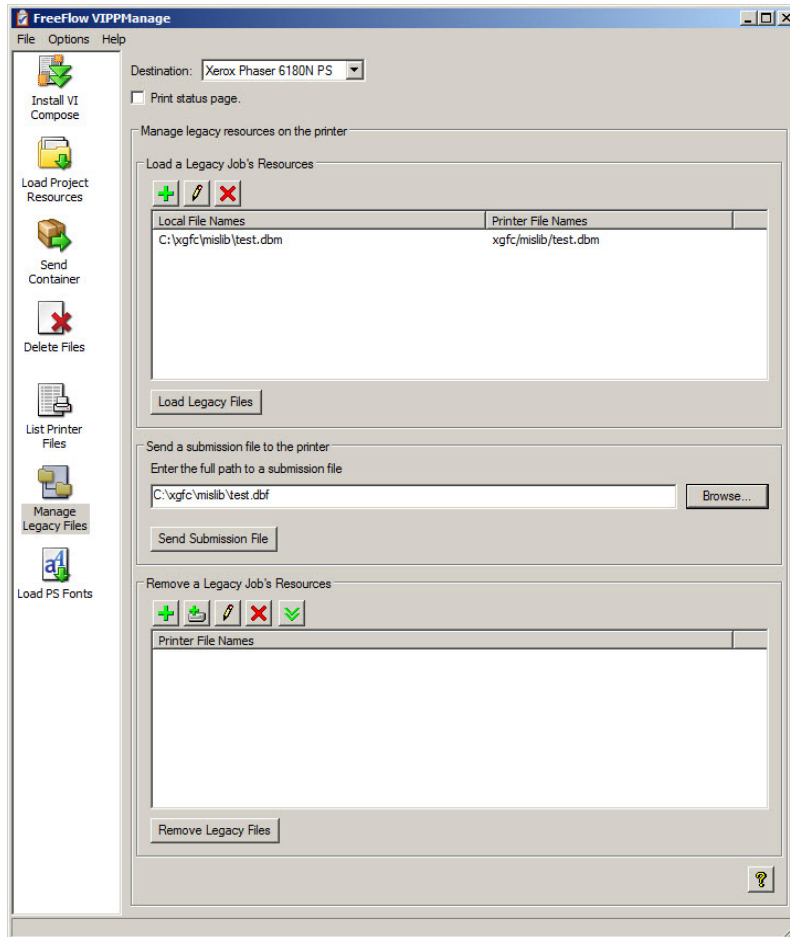
When you are satisfied with all the settings, click this button to list the files on the selected printer. If the operation is successful, the printer prints a list of the files stored on the printer.

Manage Legacy Files

Prior to VI Projects and VI Project containers, VI resources were stored in VIPP libraries located on the printer. This library structure is still used by many VIPP customers. This method of VI resource management is referred to as “VIPP Legacy Resource Management”.

Using the legacy VI resource management structure, VIPP files are loaded to VIPP libraries (folders) based on the type of VIPP file. For example, an image file is stored in the imglib, while a form resource is stored in the formlib.

This panel provides some assistance for working with legacy VIPP jobs, which are not encapsulated in VI Projects. This utility does not possess the knowledge of which resource files are needed for a legacy job. Therefore, you must provide a list of all the necessary resource files for printing a legacy VIPP job. This panel lets you store these resources on the printer and delete them from the printer.



Load a Legacy Job's Resources

This sub panel lets you load a legacy job's resource files on the selected printer shown in the **Destination** window.

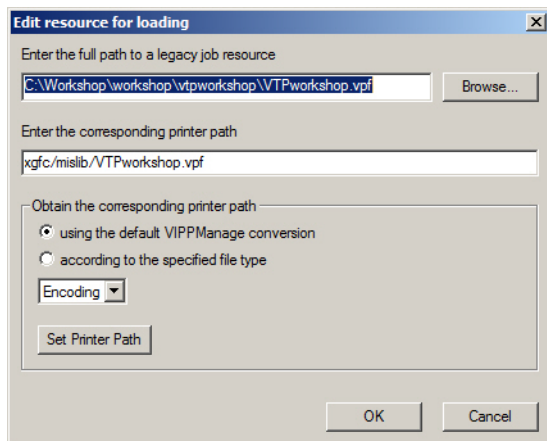
Add resources

The **Add** button appends files to the list for loading legacy files. This button brings up the standard file dialog and lets you select multiple files to be inserted into the list. The corresponding printer file names, which are the paths used to store the specified resources on the printer, are obtained using VIPPManage's default conversion method.

Edit resources

To change the local resource name or the default printer file name of any items in the list, use the **Edit** button to edit the highlighted items.

When only one item in the list is highlighted, clicking the **Edit** button brings up a dialog that lets you type in the local file name and the printer file name to replace the current ones.



You must provide the full path pointing to a resource file for the legacy job, or use the **Browse...** button to locate the file. The legacy job resources are usually located in the library directories of the local VI Compose customer data directory (xgfc).

Either type in the corresponding print file name, or use the **Set Printer Path** button to let VIPPManage provide the appropriate entry. The printer path must always be prefixed with xgfc/, followed by the appropriate library (according to the type of the resource), and concluded with the name of the file.

For example, the local image file c:\myresources\portrait.tif should have the printer equivalent path of xgfc/imglib/portrait.tif.

Obtain the corresponding printer path...

Two different methods for deriving the printer file name from the local file name are offered. The first method uses the default VIPPManage conversion. The second method obtains the path according to file type.

...using default VIPPManage conversion

The default VIPPManage conversion determines the printer file name based on the local file's location and file extension. If a satisfactory result cannot be reached, the file is placed in the xgfc/mislib directory.

...according to the specified file type

You can specify the type of the local file and let VIPPManage place the file in the appropriate library directory.

Set printer path

Click the **Set Printer Path** button to insert the printer file name after you select the desired method and the file type (if necessary).

When you are satisfied with the local and the printer file names, click **OK** to make the changes to the list.

Delete

The **Delete** button deletes highlighted items from the list.

Load Legacy files

Once the list is populated with all the resource files the legacy job needs, click this button to store them on the printer. If the operation is successful and **Print status page** is checked, a list of the files stored on the printer by the operation is printed.

NOTE

Existing legacy resources with the same names are always replaced by this operation.

Send a submission file to the Printer

Once all the necessary resources files are stored on the printer, this sub-panel lets you send a legacy job's submission file to the selected printer.

Enter the full path to a VIPP submission file

Type in the full path to the VIPP submission file or use the **Browse...** button to locate the file.

Send submission file

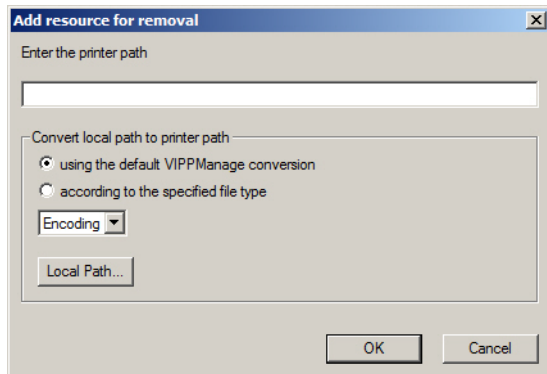
Click **Send Submission File** to send the submission file to the printer.

Remove a Legacy Job's Resources

This sub-panel lets you delete a legacy job's resource files from the selected printer.

Add

The **Add** button appends a printer path to the list for removing legacy files. This button brings up the **Add resource for removal** dialog in which you enter the path.



Add resource for removal

Provide the full printer path pointing to a resource file that is to be removed from the printer. Use the **Local Path...** button to obtain the printer file name by providing the equivalent local file name.

Convert local path to printer path using the default VIPPManage conversion

The default VIPPManage conversion determines the printer file name based on the local file's location and file extension. If a satisfactory result cannot be reached, the file is placed in the xgfc/mislib directory.

Convert local path to printer path according to the specified file type

Use this option to specify the file type and let VIPPManage place the file in the appropriate library directory. Use the drop-down box to select one of these file types:

- Encoding
- Font
- Form
- Image
- JDT
- Misc.

Local Path

The **Local Path...** button brings up the standard file dialog for you to select the equivalent local file. VIPPManage applies the chosen conversion method with the selected file to provide the appropriate printer file name.

Click **OK** to insert the printer file name into the list.

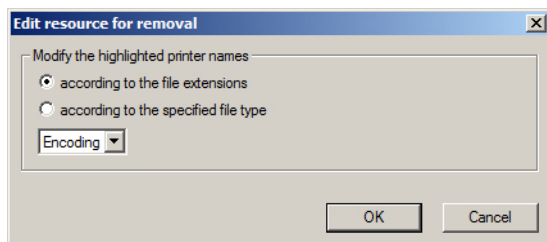
Convert from local files

The **Convert from Local Files** button brings up the standard file dialog and lets you select one or more files. The default conversion method is used to convert the local file names to the corresponding printer file names for inserting into the list.

Edit resources

The **Edit** button lets you edit the highlighted items in the list. It brings up the **Edit resource for removal** dialog.

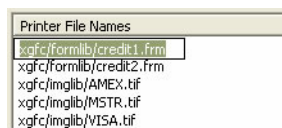
Edit resource for removal



Specify whether to change the paths of the highlighted printer file names according their file extensions or by the specified file type. Use the drop-down box to select one of these file types:

- Encoding
- Font
- Form
- Image
- JDT
- Misc.

To manually edit the printer file name, click on a highlighted item to make the name editable.



Delete

The **Delete** button deletes highlighted items from the list.

Copy

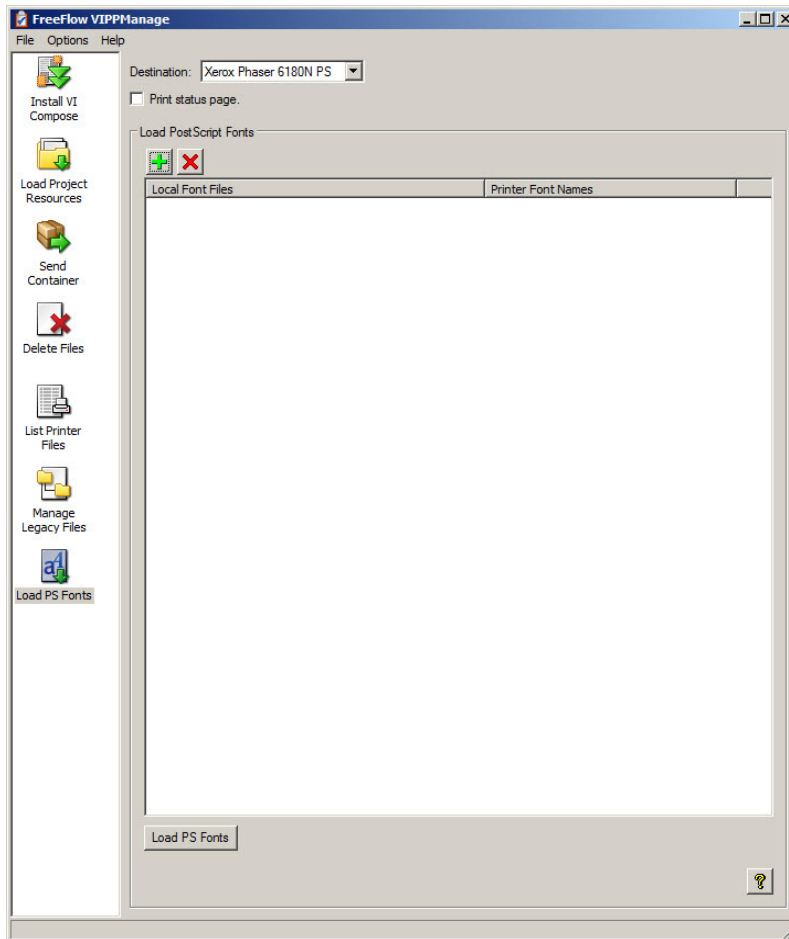
The **Copy** button lets you import the printer paths from the **Load Legacy Files** list.

Remove legacy files

Once the list is populated with all the printer files to delete from the printer, click **Remove Legacy Files** to remove the legacy job resources from the printer. If the operation is successful and **Print status page** is checked, the a list of the files removed from the printer by the operation is printed.

Load PS Fonts

Select the **Load PS Fonts** icon to download PostScript fonts to the printer.



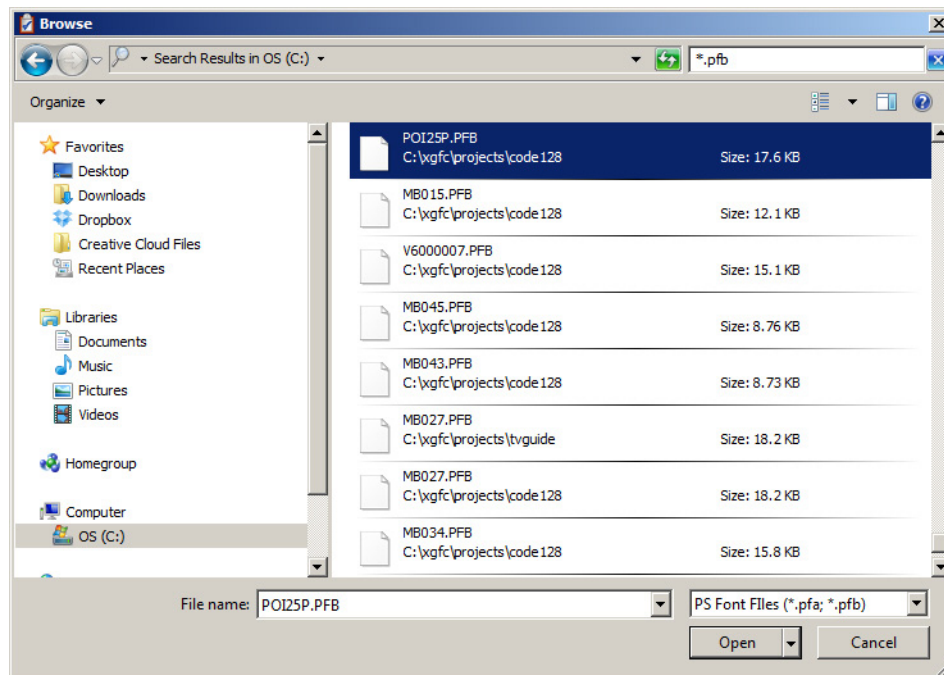
This panel lets you store PostScript fonts in the common font path on the printer so that the fonts are available to all PostScript jobs (not limited to VIPP) sent to the printer.

NOTE

When loading PostScript fonts on a printer ensure that you have the appropriate license rights to do so, especially when loading the same font on multiple printers. VIPPManage only provides a function to load fonts, it does not grant any license or usage rights for the fonts.

Add

The **Add** button appends font files to the list for loading fonts. This button brings up the standard File dialog for you to locate the font files.



You may choose multiple files in a directory to be added to the list.

Delete

The **Delete** button deletes the highlighted items from the list.

Load PS Fonts

Once the list is populated with all the PostScript font files you wish to store on the printer, click **Load PS Fonts** to store the fonts on the printer. If the operation is successful and **Print status page** is checked, a list of the PS fonts stored on the printer by the operation is printed.

Keep in mind that the existing PostScript fonts with the same names are never replaced by this operation. If you must remove an existing PostScript font, use the **Remove Legacy Files** sub-panel to delete the font. The font path is always prefixed with fonts/, and is followed by the font name. Use the option to list [All PS fonts on the printer](#) (in “List printer files”) to view the correct path.

Index

A

aborted job, 35

C

container, 32

D

data streams
 self contained, 32
Delete Files, 37
demonstration mode
 VIPPManage, 10
documentation
 download, 6
download
 documentation, 6
 font, 7
 program, 6

E

error handling
 PostScript, 27

F

font
 download, 7

G

GUI, 22

H

Help, 25
How to
 load resources, 18

print, 18
start VI Compose, 18

I

Install VI Compose, 26
installing
 VI Compose license on a PC, 10
 VI Compose on a PC, 9
 VI Compose on target devices, 11
 VIPPManage, 10

L

legacy files, 42
 folders, 42
 load, 43
 removing, 45
license file, 35
List Printer Files, 40
Load PostScript Fonts, 48
Load Project Resources, 28
load resources, 28
loading legacy files, 43

M

Manage Legacy Files, 42
menu options, 23
 File, 23
 Help, 23
 Options, 23

P

PostScript fonts
 loading, 48, 49
printer group, 24
program
 download, 6

R

- resource
 - management, 28
- resources
 - deleting, 37
 - excluding, 31
 - list, 40
 - loading, 28
 - send to printer, 45
 - stored on printer, 40

S

- self contained data streams, 32
- Send Container, 32
- Send Container icon, 18
- Specialty Imaging, 19
- status page, 25
- submission file
 - choosing, 34
 - send to printer, 45
- submission files
 - external to project, 34
- system requirements
 - VIPPMManage, 8

T

- target printer
 - adding to list, 25

V

- VI Compose
 - automatic startup, 27
 - embed in data stream, 35
 - installing, 26
 - manual startup, 28
 - on diskless devices, 32
- VI Suite Customer forum, 17
- VIPPMManage
 - definition, 17
 - GUI, 22
 - installing, 10
 - installing VI Compose, 9
 - installing VI Compose license, 10
 - installing VI Compose on target devices, 11
 - starting, 21

- system requirements, 8
- uninstalling, 15
- VPC
 - storing, 29
- VPF
 - storing, 29

