

VERSION 17.0.1
MARCH 2022
702P08797

Xerox® FreeFlow® VI Suite

What's New in Version 17.0.1 Reference Guide

© 2022 Xerox Corporation. All rights reserved. XEROX®, VIPP®, and FreeFlow® 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 © 1987-2022 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 1987-2022 Adobe Systems Incorporated and its licensors. All rights reserved. Includes Adobe® PDF Converter SDK, 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®, OS X®, and macOS® are registered trademarks of Apple, Inc., registered in the United States and other countries. Elements of Apple 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® 10, Windows® 11, Windows Server® 2016, and Windows Server® 2019, Windows Server® 2022 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 are fictitious unless otherwise noted.

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

Changes are made periodically to this document. Changes, technical inaccuracies, and typographical errors are corrected in subsequent editions.

Produced in the United States of America.

BR34860

Contents

- Introduction.....5
- Important License Information6
- Platform Support.....7
- VM Environments Support8
- Adobe Acrobat and Acrobat Reader.....9
- Purpose and Use of this Document.....10
- Upgrade Recommendation11
- Xerox Specialty Inks.....12
- Xerox® FreeFlow® VI Compose13
 - Xerox® FreeFlow® VI Compose 17.0.0.0.....14
- Xerox® FreeFlow® VI Compose Open Edition.....15
 - Xerox® FreeFlow® VI Compose Open Edition 17.0.0.016
- Xerox® FreeFlow® VI Design Express.....17
 - New Features in Xerox® FreeFlow® VI Design Express 17.0.118
 - Configuring Xerox® FreeFlow® VI Design Express to Submit Jobs to Xerox® FreeFlow® Core and Receive Job
 Status Information from Xerox® FreeFlow® Core.....19
- Xerox® FreeFlow® VI Design Pro21
 - Xerox® FreeFlow® VI Design Pro 17.0.0.0.....22
- Xerox® FreeFlow® VI eCompose23
 - Platform Support for Xerox® FreeFlow® VI eCompose 17.0.0.0.....24
 - New Features in Xerox® FreeFlow® VI eCompose25
- Xerox® FreeFlow® VI Explorer.....27
 - Xerox® FreeFlow® VI Explorer 17.0.0.028
- Resolved Issues.....29
 - Resolved Issues for Different Versions.....30
- Known Issues and Limitations31
 - Xerox® FreeFlow® VI Design Express.....32
 - Installing Xerox® FreeFlow® VI Design Express on Mac.....32
 - Uninstalling Xerox® FreeFlow® VI Design Express on Mac32
 - Specifying Media and Finishing Options for a Job Sent to a Printer33
 - FreeFlow® VI Design Express Job Submission to FreeFlow® Core34
 - FreeFlow® VI Design Express Job Status Panel35

Contents

Xerox® FreeFlow® VI Design Pro.....	36
Uninstalling Xerox® FreeFlow® VI Design Pro	36
Xerox® FreeFlow® VI Explorer	37
Uninstalling Xerox® FreeFlow® VI Explorer.....	37
Xerox® FreeFlow® VI eCompose.....	38
Enabling Optional Features after the Initial Installation	38
Important Cluster Configuration Information.....	38
Initializing Xerox® FreeFlow® VI eCompose for the First Time	38
Upgrading from a Previous Version	38
Password Change Utility after an Upgrade to 17.x.x.....	38
Help System for the Xerox® FreeFlow® VI eCompose Web Interface.....	39
Xerox® FreeFlow® VI Compose	40
Important Information About PDF	41
Adobe PDF Print Engine (APPE).....	42
PDF Using VI Suite Tool Set.....	43
Adobe Acrobat and Adobe Reader Information.....	43
Configuring Adobe Acrobat and Adobe Reader Privileged Folder Settings.....	43
FreeFlow VI Suite Printer Support.....	47
Printer Support.....	48

Introduction

This chapter contains:

Important License Information.....	6
Platform Support	7
VM Environments Support	8
Adobe Acrobat and Acrobat Reader	9
Purpose and Use of this Document	10
Upgrade Recommendation.....	11
Xerox Specialty Inks.....	12

The FreeFlow VI Suite 17.0.1 release is an update to FreeFlow VI Suite 17.0.0.0. The term VI Suite refers to one or more of the available FreeFlow VI Suite products.

Before you begin:

- Stop all FreeFlow VI Suite programs that are running currently.
- Close and exit all FreeFlow VI Suite programs that are running currently.

For example, if you are installing VI eCompose, before you begin installing a newer version of the product, exit VI eCompose. If VI eCompose services are running, before you begin any installation, close and exit the program.

Important License Information

If you are upgrading from a prior major release, for example, versions 15.0, 15.0.1.0, 15.0.2.0, 15.0.3.0, 16.0.0.0, 16.0.1.0, 16.0.2.0, or 16.0.3.0, to enable the product, obtain a version 17.0.0.0 license file.

- For customers: Use the original SWAP key supplied with your original order or purchase. At the License Menu, enter the SWAP key.
- For internal updates: Refer to the information supplied in the ISA or MAPS systems.






Note: When you are updating Xerox® VIPP® Manage software on a Xerox® FreeFlow Print Server (FFPS) device, no license update is required if the previous version of the software license was activated.

Platform Support

All FreeFlow VI Suite products run on the following 64-bit operating systems:

WINDOWS 64 BIT	
Windows 10, versions 21H1 and 21H2	Ensure that Windows 10 is maintained at the latest supported software level.
Windows 11	
Windows Server 2016	
Windows Server 2019	
Windows Server 2022	

MACOS FOR VI DESIGN EXPRESS ONLY	VERSION
Monterey	12.1 or later
Big Sur	11.6 or later
Catalina	10.15.7 or later
Mojave	10.14.6 or later

-  Note: The following software is not supported: Foundation, Core, Core Server without Desktop Experience, Home, Mobile, the Internet of Things, Starter, S, Team, and Essential editions of all Microsoft Operating Systems.
-  Note: From 17.0.0.0 release onward, VI Suite applications are not supporting 32 bit Operating Systems. If you run the VI Suite 17.0.0.0 installation setup in 32 bit Operating System, a message `Windows error 216` appears.
-  Note: From 17.0.1 release onward, FreeFlow VI Design Express is supported on Apple Mac systems using the Apple silicon/M1 chip in Rosetta emulation mode.

For FreeFlow VI Design Express for Mac and Windows operating system support, refer to the Adobe InDesign or Adobe Create Suite documentation for Adobe InDesign system requirements.

VM Environments Support

All products, except the VI Compose product, can operate in a VM environment. No support is offered for the configuration or management of the VM system. Where applicable, for license activation, each VM system requires a unique NIC or Mac address.

Adobe Acrobat and Acrobat Reader

For important information about versions of Adobe Acrobat and Adobe Acrobat Reader, access the FreeFlow VI eCompose information, then refer to the Adobe Acrobat section.

It is important to review the Adobe Acrobat section for information about APPE, PDF, and VT requirements, and the required settings for Adobe Acrobat and Adobe Acrobat Reader.

Purpose and Use of this Document

If you are upgrading from a prior release of the FreeFlow VI Suite software, to become familiar with new or enhanced content, read this document.

Refer to the FreeFlow VI Suite release documentation on the www.xerox.com website.

1. In a Web browser, type www.xerox.com.
2. Select **Customer Support > All Support and Drivers**.
3. For product type, select **Software & Platforms**, then select **FreeFlow > FreeFlow Variable Information Suite**.
4. On the FreeFlow Variable Information Suite page, select **Documentation**.



Note: You can find FreeFlow VI Design Express documentation in the Installer download zip file that has the .dmg extension. For the latest information, it is recommended that you read the Readme.txt file that is installed with each product.

Upgrade Recommendation

It is recommended that whenever you upgrade one component of the FreeFlow VI Suite, you upgrade all other VI Suite components. Keeping all components up to date helps to avoid VI Suite product mismatches that can result in VIPP® jobs failing with errors such as `Command Not Found`.

When using FreeFlow VI Design Express and FreeFlow VI Design Pro, it is critical that you upgrade any VI component that renders the VIPP® application. The components include VI Compose on the printer, and VI eCompose, which generates PDF files from VIPP® applications.

To locate the latest versions of the FreeFlow VI Suite components on the www.xerox.com website:

1. In a Web browser, type www.xerox.com.
2. Select **Customer Support > All Support and Drivers**.
3. For product type, select **Software & Platforms**, then select **FreeFlow > FreeFlow Variable Information Suite**.
4. On the FreeFlow Variable Information Suite page, select the **Software and Solutions** tab.



Note: The version of Xerox® VIPP® Manage software and the version of FFPS server are not dependent upon each other. An FFPS server is pre-installed with a demonstration version of Xerox® VIPP® Manage software limited to 200 pages per job. It is recommended that you upgrade the version of Xerox® VIPP® Manage software on the FFPS server with the latest available Xerox® VIPP® Manage release. The FFPS Update Manager is one way to update the version of Xerox® VIPP® Manage software on FFPS servers.

When the VI Suite of applications is running in trial mode, the number of pages per job is limited to 200 pages. When printing VI jobs on office printers under trial mode, the limit is 10 pages. For production printers, the trial mode limit is 200 pages.

When you run the VI Suite of applications in trial mode, this table describes the trial period for each application.

APPLICATION	TRIAL PERIOD AFTER INITIAL INSTALLATION
Xerox® FreeFlow® VI Design Pro	60 days
Xerox® FreeFlow® VI Explorer	0 days
Xerox® FreeFlow® VI Design Express	30 days
Xerox® FreeFlow® VI eCompose	60 days

Xerox Specialty Inks

Xerox Specialty Inks (XSI) are an option on Xerox DC1000/800 and iGen5 devices, supported by FFPS, and EFI digital front end devices. Xerox Specialty Inks include:

- Clear
- Gold
- Silver



Note: Prior to the version 14.0 software release, the Xerox Specialty Inks feature was known as Clear Dry Ink, and the only color option was Clear. With the addition of the Gold and Silver options, the feature is renamed Xerox Specialty Inks. The specialty inks are not required for FreeFlow VI Specialty or Security imaging.

Xerox® FreeFlow® VI Compose

This chapter contains:

Xerox® FreeFlow® VI Compose 17.0.0.0 14

Xerox® FreeFlow® VI Compose 17.0.0.0

A new installation program for Xerox® FreeFlow® VI Compose has been introduced. This new installer will install in the C:/Program Files path unless the user defines the installer to a different custom path.

Xerox® FreeFlow® VI Compose Open Edition

This chapter contains:

Xerox® FreeFlow® VI Compose Open Edition 17.0.0.0 16

Xerox® FreeFlow® VI Compose Open Edition 17.0.0.0

A new installation program for Xerox® FreeFlow® VI Compose Open Edition has been introduced. This new installer will install in the C:/Program Files path unless the user defines the installer to a different custom path.

Xerox® FreeFlow® VI Design Express

This chapter contains:

New Features in Xerox® FreeFlow® VI Design Express 17.0.1	18
Configuring Xerox® FreeFlow® VI Design Express to Submit Jobs to Xerox® FreeFlow® Core and Receive Job Status Information from Xerox® FreeFlow® Core	19

New Features in Xerox® FreeFlow® VI Design Express 17.0.1

This section lists all new features introduced since the release of Xerox® FreeFlow® VI Design Express 17.0.0.0.

New features and enhancements include the following:

Version 17.0.1

- Support for Adobe InDesign 2022 (v17.x) has been added. Support for Adobe InDesign 2020 (v15.x) is removed.
- Support for Adobe InDesign 2021(v16.3). Requires installation of Adobe InDesign 2021 version 16.3 or later to be compatible with Xerox FreeFlow® VI Design Express.
- Support for Apple Mac systems using Apple silicon/M1 chip using Rosetta Emulation mode.
- Ability to configure FreeFlow VI Design Express Job Status service port. Refer to [Configuring Xerox® FreeFlow® VI Design Express to Submit Jobs to Xerox® FreeFlow® Core and Receive Job Status Information from Xerox® FreeFlow® Core](#).

Version 17.0.0.0

- Capability to submit VIPP® jobs to Xerox® FreeFlow® Core and display job status of job at Xerox® FreeFlow® Core.
- Generation of PDF/VT-1 compliant PDF. Note the following standards are supported: X-1a, X3, X4 & VT-1 only.
- For more information, refer to *PDF/VT-1 Compliant PDF\ under Create VI Design Express PDF: PDF Settings* in *Xerox® FreeFlow® VI Design Express User Guide*.



Note: VIPP® job submission to Xerox® FreeFlow® Core Hot folder option has been removed in 17.0.0.0. The submission of an enhanced PDF Workflow from VDE using the Send to VIEC (Watched Folder) option is still available.

Configuring Xerox® FreeFlow® VI Design Express to Submit Jobs to Xerox® FreeFlow® Core and Receive Job Status Information from Xerox® FreeFlow® Core

To submit a job for processing from Xerox® FreeFlow VI Design Express to Xerox® FreeFlow Core Workflow Destination and to receive the submitted job status from Xerox® FreeFlow Core, the following pre-requisite need to be executed.

Open network ports in FreeFlow Core installed machine and VI Design Express installed machine for bidirectional communication.



Note: Bidirectional communication with *Xerox® FreeFlow Core* for Job submission and status update in *Xerox® FreeFlow VI Design Express* is an optional feature. If you do not to use this feature, you can skip this feature during installation by not selecting the option in *Submit Jobs to Xerox® FreeFlow Core* page of installation. By selecting this install option, Apache Tomcat installs in the *Xerox® FreeFlow VI Design Express* machine.

FreeFlow VI Design Express Job Status Service Port Configuration:

FreeFlow VI Design Express uses 4006 as default port to host the service. To configure the port, perform the following steps.

- Change the VDServicePort value in `C:\ProgramData\Xerox\VIIPP\VPP\VPPconfig.ini` file.
- Change the Connector port value in `server.xml` file. In Windows, `server.xml` is located in `C:\Program Files (x86)\Xerox\VIIPP\VDE\apache-tomcat-9.0.46\conf\server.xml`. In macOS, `server.xml` is located in `/Applications/Xerox/VIIPP/VPP/apache-tomcat-9.0.46/conf/server.xml`.
- Restart the computer or service to run the service using new port.

Job Status for polling interval:

This option updates the job status and also delete the jobs which are deleted in *Xerox® FreeFlow Core*. Default value is 10 minutes which can be modified to get the job status as per the desired user given time interval.

For more information, refer to *VIIPP Job Submission to FreeFlow Core and Getting Status Back from FreeFlow Core* in the *Xerox® FreeFlow VI Design Express User Guide*.

Xerox® FreeFlow® VI Design Pro

This chapter contains:

Xerox® FreeFlow® VI Design Pro 17.0.0.0.....22

Xerox® FreeFlow® VI Design Pro 17.0.0.0

A new installation program for Xerox® FreeFlow® VI Design Pro has been introduced. This new installer will install in the C:/Program Files path unless the user defines the installer to a different custom path.

The Help system is upgraded to a HTML based help system.

Generation of PDF/VT-1 compliant PDF. The following standards are supported: X-1a, X3, X4 & VT-1 only. For more information, refer to *Export Job as PDF* in the *Xerox® FreeFlow® VI Design Pro User Guide*.

Ability to pull/bridge ODBC data to VI using VI Design Pro. For more information, refer to *Xerox® FreeFlow® VI Design Pro User Guide*.

Xerox® FreeFlow® VI eCompose

This chapter contains:

- Platform Support for Xerox® FreeFlow® VI eCompose 17.0.0.0 24
- New Features in Xerox® FreeFlow® VI eCompose 25

Platform Support for Xerox® FreeFlow® VI eCompose 17.0.0.0

Xerox® FreeFlow® VI eCompose software runs on the following 64-bit operating systems:

WINDOWS 64 BIT	
Windows 10, versions 21H1 and 21H2.	Ensure that Windows 10 is maintained at the latest supported software level.
Windows 11	
Windows Server 2016	
Windows Server 2019	
Windows Server 2022	



Note: If Windows 10 is installed on the system, ensure that the latest update of Windows 10 is installed.



Note: If you intend to enable the optional Xerox® FreeFlow® VI eCompose Web Application, before you run the Xerox® FreeFlow® VI eCompose installer, install Microsoft .NET Framework 4.8 from the Microsoft website. Previously, Xerox® FreeFlow® VI eCompose Web Application was known as Xerox® FreeFlow® VI eCompose Web Server.

Web browsers supported are the current versions of modern browsers from Apple®, Google®, Microsoft®, and Mozilla®.

Microsoft Internet Explorer and the original Microsoft Edge are not supported. Only Microsoft Chromium Edge is supported.




Browsers older than one year are not supported. To avoid compatibility issues, always use the latest version of the browser.

Always use desktop computer browsers. Mobile device browsers can exhibit display issues.

New Features in Xerox® FreeFlow® VI eCompose

This section lists all new features introduced since the release of Xerox® FreeFlow® VI eCompose 17.0.0.0. New features and enhancements include the following:

To access the Xerox® FreeFlow® VI eCompose browser interface, enter the URL address in the browser as `http://<Server IP address>/FreeFlowVieCompose` or `https://<Server IP address>/FreeFlowVieCompose`.


-  Note: Xerox® FreeFlow® VI eCompose version 17.0.0.0 uses Windows Internet Information Services (IIS) to enable using a Web browser to optionally submit VIPP® jobs and perform administrative functions on the server. During installation, you will be asked if you want to enable this feature. To start and stop the Web application, Use the Windows Internet Information Services manager.
-  Note: For the best user experience when you use the Web browser, maximize the browser window.
-  Note: For security reasons, you can install FreeFlow VI eCompose to a location other than the root of the installation drive. The default VIEC installation location is `C:\Program Files (x86)\Xerox\VIPP\Xvtp`. The default xgfc location is `C:\Program Files (x86)\Xerox\VIPP\xgfc`.

The Help system is upgraded to a HTML based help system.

New system macros have been added to VI eCompose Dispatch containing information about the upstream VI eCompose job, including:

- MASTER_PDF_STATUS_MSG
- MASTER_PDF_PAGES_DISTILLED
- MASTER_PDF_PAGES_SPLIT
- MASTER_PDF_FILES_CREATED
- JOB_FILE_BASE_NAME

For more information, refer to *FreeFlow® VI eCompose User Guide*.

-  Note: In an upgrade to 17.0.0.0, you can choose the xgfc, VIPP Customer files, install location same as the previous installed path to preserve previously stored files.

Xerox® FreeFlow® VI Explorer

This chapter contains:

Xerox® FreeFlow® VI Explorer 17.0.0.028

Xerox® FreeFlow® VI Explorer 17.0.0.0

A new installation program for Xerox® FreeFlow® VI Explorer has been introduced. This new installer will install in the C:/Program Files path unless the user define the installer to a different custom path.

The Help system is upgraded to a HTML based help system.

Resolved Issues

This chapter contains:

Resolved Issues for Different Versions30

Resolved Issues for Different Versions

Version 17.0.1

Xerox® FreeFlow® VI Compose and Xerox® FreeFlow® VI Compose Open Edition

- Fixed VI Compose setpagedevice issues on some DFEs
- Prior to version 17.0.1, FreeFlow VI Compose performed a size optimization pass during packaging that converted the PostScript mark character “<<” to “[”. This conversion caused some non-conformant PostScript interpreters to not recognize a valid PostScript dictionary definition, and as a side effect some setpagedevice invocations, for example Duplex, were not being recognized. From version 17.0.1 this size optimization is omitted which should improve setpagedevice operation including plex changes on non-conformant Postscript interpreters.
- When installing the Xerox FreeFlow VI Compose installer on an EFI Fiery print server, there was a problem with enabling the VI Compose license. The VI Compose installer will install VI Compose on an EFI Fiery print server in the same directory location as in previous releases.

Xerox® FreeFlow® VI Design Express

Fixed the issue where the security impacted by log4j CVE-2021-44832 vulnerability

Xerox® FreeFlow® VI eCompose

Fixed issue after installation of FreeFlow VI eCompose, the directory C:\Xerox was deleted.

Version 17.0.0.0

Xerox® FreeFlow® VI Compose

- Fixed the issue where VIPP® Job aborts with a PS error (Stackundeflo).
- Fixed the issue where VIPP® XML Job not printing correctly on FFPS (SlipSheet).

Xerox® FreeFlow® VI Design Pro

- Fixed the issue where the .dbf file that contains UTF-8 characters in the .vpc file was not editable.
- Fixed the issue where it was not possible to open a VIPP® form created by ELIXIR that contained embedded tiff images.
- Fixed the issue where VI Design Pro versions higher than 16.0.1. Slow down when processing changes to braced/bracketed code elements. Refer to *Enabling Optional Switch for ProcSet (Procedure Set) Performance*.
- Fixed the issue where a Job that opened fine in VI Design Pro version 11 will not open without errors in version 15 and higher.

Xerox® FreeFlow® VI eCompose

Fixed the issue where accented characters in a VIPP® job created from Xerox® FreeFlow® VI Design Pro are not found in the generated PDF file.

Known Issues and Limitations

This chapter contains:


- Xerox® FreeFlow® VI Design Express..... 32
- FreeFlow® VI Design Express Job Submission to FreeFlow® Core 34
- FreeFlow® VI Design Express Job Status Panel..... 35
- Xerox® FreeFlow® VI Design Pro 36
- Xerox® FreeFlow® VI Explorer 37
- Xerox® FreeFlow® VI eCompose 38
- Xerox® FreeFlow® VI Compose 40

Xerox® FreeFlow® VI Design Express

If you are upgrading from a version earlier than 16.0.2.0, before you install Xerox® FreeFlow® VI Design Express version 16.0.3.x/17.0.0.0/17.x.x, ensure that you uninstall the current version of Xerox® FreeFlow® VI Design Express.


INSTALLING XEROX® FREEFLOW® VI DESIGN EXPRESS ON MAC

To install Xerox® FreeFlow® VI Design Express on a Mac, perform the following:

1. To mount the VI Design Express installation disk on the desktop, double-click the `VDE_Install_17.x.x.dmg` file.
2. To install the VI Design Express, double-click the installer application.
A dialog box appears with the message `VDEInstaller.app is an app downloaded from the internet. Are you sure you want to open it?` Select the option **Don't warn me when opening applications on this disk image**, then click **Open**.
 Important: For macOS Catalina installations, if you do not select the option **Don't warn me when opening applications on this disk image**, and you run the installer directly from the `.dmg` file path, the installation can fail without notification. For macOS Big Sur installations, if you do not select the option **Don't warn me when opening applications on this disk image**, and you run the installer directly from the `.dmg` file path, a java cannot be opened because the developer cannot be verified, select cancel to terminate message appears.
3. An authorization dialog box appears on the screen. If the logged-in user has administrative privileges, type the appropriate password. If the logged-in user does not have administrative privileges, a `nonPrivAuth` dialog appears. Ensure that the appropriate user's name and password are entered, then select **Install Helper**.
4. A dialog box appears with the message `iCloud Drive may not work properly`. To proceed, select **OK**.
5. When the language dialog box appears, select the appropriate language for the installer to use from the menu. Follow the onscreen instructions to read and confirm the End User License Agreement (EULA) and complete the installation.

Upgrade FreeFlow® VI Compose on the Printer

If you are using Xerox® FreeFlow® VI Design Express version 17.0.1, ensure that you upgrade Xerox® FreeFlow® VI Compose to version 17.0.1 on the printer.

-  Note: Before you choose automatic Adobe InDesign or Creative Cloud updates, verify that your version of VI Design Express runs on the later version of the Adobe software. Ensure that you disable this automatic update process.

UNINSTALLING XEROX® FREEFLOW® VI DESIGN EXPRESS ON MAC

To uninstall Xerox® FreeFlow® VI Design Express on a Mac, perform the following:

1. Open Launchpad.
2. Select **Change Xerox FreeFlow VI Design Express Installation**.

3. Enter Administrator credentials, then select **Uninstall**.

If the Xerox® FreeFlow® VI Design Express is installed for both Adobe InDesign 2021 and 2022, uninstalling removes the Xerox® FreeFlow® VI Design Express plug-in from both Adobe InDesign versions.

SPECIFYING MEDIA AND FINISHING OPTIONS FOR A JOB SENT TO A PRINTER

When a VIPP job is created from the Export option, a VI Project Container is created. If a container that specifies media and finishing options is sent to the printer, sometimes, the options cannot be honored, depending on the printer controller used. Xerox printers that run FreeFlow Print Server version 9 or later for Solaris and version 2 or later for Windows support media and finishing options.

If FreeFlow Print Server (FFPS) processes the job, the print server, along with the printer, determines which media and finishing options are applied to the job.

FreeFlow® VI Design Express Job Submission to FreeFlow® Core

Both the FreeFlow® Core installed machine and VI Design Express installed machines should be in the same network.

FreeFlow® VI Design Express Job Status Panel

The following describes limitations when using the FreeFlow Core Job Status dialog.

The Select All checkbox selects all items in the All-Jobs tab. The Select All checkbox does not work for the other tabs such as Active, Failed, Completed, and Cancelled.

The **Refresh** button works only in the All-Jobs tab. In other tabs, **Refresh** does not work. Selecting another tab and switching back to the previously selected tab updates the job status. Selecting the **Refresh** button updates the job status.

After invoking the **Delete** button for selected jobs shown in the job status view, jobs will be removed from the display immediately only if the jobs are deleted from the All-Jobs view. If a job is deleted from the other views, the deleted job remains visible. After switching to another tab view and back to the original tab view, the display gets updated correctly.

Xerox® FreeFlow® VI Design Pro

For most VIPP jobs loaded into VI Design Pro, this additional overhead doesn't cause a perceptible impact. However, if the number of '{...}' pairs (ProcSets) in the job exceeds a certain threshold (several hundred or more) then the new instrumentation process can have a significant performance impact. Most VIPP jobs don't use this many ProcSets, but there have been cases reported where the number of ProcSets can exceed several thousand. For most VIPP jobs loaded into VI Design Pro, this additional overhead doesn't cause a perceptible impact. However, if the number of '{...}' pairs (ProcSets) in the job exceeds a certain threshold (several hundred or more) then the new instrumentation process can have a significant performance impact. Most VIPP jobs don't use this many ProcSets, but there have been cases reported where the number of ProcSets can exceed several thousand.

Since the change to the ProcSet instrumentation behavior was necessary to address a VI Design Pro / VI Design Express compatibility issue, the more fine-grained analysis is still performed by default, as most customers are not using thousands of '{...}' pairs in their VIPP jobs.

However, as of VI Design Pro 17.0.0.0 there is support for an additional, optional .INI entry:

```
Disable_curly_brace_instrumentation=1
```

When this option is present and set to '1' the fine-grained analysis of ProcSets will not be performed (other instrumentation will be unaffected). For customers that use many '{...}' pairs in their jobs,

Enabling this option should return VI Design Pro performance back to pre-16.0.2.0 speeds.

UNINSTALLING XEROX® FREEFLOW® VI DESIGN PRO

Un-install VI Design Pro does not always appear in the Xerox FreeFlow VI Design Pro program menu.

To uninstall, select **Settings > Apps Wizard**.

Xerox® FreeFlow® VI Explorer

UNINSTALLING XEROX® FREEFLOW® VI EXPLORER

Un-install VI Explorer does not always appear in the Xerox FreeFlow VI Explorer program menu.

To uninstall, select **Settings > Apps Wizard**.

Xerox® FreeFlow® VI eCompose

ENABLING OPTIONAL FEATURES AFTER THE INITIAL INSTALLATION

To enable the optional FreeFlow VI eCompose features, run the installer, and select the features that you want to enable, such as Web Application or LPR Job Submission.

IMPORTANT CLUSTER CONFIGURATION INFORMATION

When you configure Xerox® FreeFlow® VI eCompose in a cluster configuration, to grant access to remote resources for the default_user, do the following. Remote resources include access to remote files using mapped network drives.

- If the remote resources are all in the same domain and the logged-in user has read and write access to that location, the application has access to those locations by default.
- If the remote resources are in different networks or require different credentials, when you map the drive in Windows, use the enable the remember credentials option to store the credentials, then perform the following steps:
 1. Open the IIS Management Console (INETMGR.MSC).
Ensure that you perform this procedure in Client and Server systems where IIS is installed.
 2. Open the Application Pools node underneath the machine node. Select the **WebAppPool** application pool that you want to change. By default, the application runs automatically for generated application pool identity.
 3. Right-click the **WebAppPool** application pool, then select **Advanced Settings**.
 4. Select the Identity List item, then click the ellipsis button.
 5. Select the **Custom Account** radio button, then click **Set**. Enter your administrator user name and password, then click **OK**. If you are in a domain, enter the user's name as domain/username.
 6. Click **OK**.

INITIALIZING XEROX® FREEFLOW® VI ECOMPOSE FOR THE FIRST TIME

After the system restart of Xerox® FreeFlow® VI eCompose, if you connect to the Web Application for the first time, there is a delay before the login dialog appears.

UPGRADING FROM A PREVIOUS VERSION

When you upgrade from a previous version, the new default installation directory is C:\Program Files (x86)\Xerox\VIIPP\svtp and the default xgfc location is C:\Program Files (x86)\Xerox\VIIPP\xgfc. It is possible to modify these default directories. After you upgrade from systems prior to 16.0.0.0, you can use the sha2passwd utility to reset the password of a user. After you upgrade to 16.0.3.1/17.x.x, you can use the utility only once for a registered user.

PASSWORD CHANGE UTILITY AFTER AN UPGRADE TO 17.X.X

To reset a password in FreeFlow VI eCompose version 16.0.3.x/17.x.x, perform the following steps:

1. Open the command prompt.
2. Change the directory to X:\Program Files (x86)\Xerox\VIIP\XVTp\bin, where X is the disk partition where the Xerox® FreeFlow® VI eCompose software is installed.
3. Enter the command using the following syntax: `ChangePassword.exe <username> <password> <port>`, then press **Enter**.

The following definitions apply:

- **username:** The user's name for which the password needs to be changed.
- **password:** The new password for the user.
- **port:** If the default port has changed, specify the port number.

If the port has not changed, do not include the port argument in the command.

Example:

```
ChangePassword.exe test test@123
```

```
ChangePassword.exe test test@123 9000
```

HELP SYSTEM FOR THE XEROX® FREEFLOW® VI ECOMPOSE WEB INTERFACE

The Help system is upgraded to a HTML based help system.

Xerox® FreeFlow® VI Compose

If you are using an EFI Fiery print server, before you proceed with VIPP® printing, ensure that all updates or patches for your EFI Fiery print server product are applied.

If updates or patches for your EFI Fiery print server product are not applied, Xerox® FreeFlow® VI Specialty Imaging fonts and Specialty Imaging jobs do not load or are not recognized.

Patches are available through your EFI Fiery device center available through your EFI Fiery Command Workstation (CWS).



Note: If you encounter a license upgrade or activation error, then turn off your Antivirus Guidance and retry the activation.

After activating the FreeFlow VI Compose license, any unprocessed jobs residing at the EFI Fiery print server is required to be resubmitted in order to be properly processed.

Important Information About PDF

This chapter contains:

- Adobe PDF Print Engine (APPE) 42
- PDF Using VI Suite Tool Set 43

Adobe PDF Print Engine (APPE)

Media and finishing control is available with PDF output when generated by FreeFlow VI eCompose which requires option to be selected and printing to the FFPS OR when printing VIPP® directly to the FFPS using the APPE path.

To print to the FFPS, ensure that you set the FFPS queue to APPE and the format to PDF.

Ensure that you have the latest FFPS software installed on the target print device, version 93.D4.x.x or later.

PDF Using VI Suite Tool Set

You can convert a VIPP® job to PDF using one of three methods.

1. VI eCompose is the FreeFlow VI Suite production-level VIPP®-to-PDF solution. The VI eCompose software runs on a Windows server. Four input clients are provided, including LPR, Watched Folder, Job Submission Client, and the Web submission client. The VI eCompose software, based on the content of the VIPP® application, generates a Master PDF. It can generate child PDF files also and move those PDF files to the next step in your workflow using the VI eCompose Dispatch module. For more information on FreeFlow VI eCompose, refer to the *FreeFlow VI eCompose User Guide* or go to www.xerox.com.
2. VI Design Pro, the interactive design environment for the generation of code-based VIPP® applications, has an **Export job as PDF** option from the file menu. You can use this option to generate a Master PDF file. For more information on FreeFlow VI Design Pro, refer to the *FreeFlow VI Design Pro User Guide* or www.xerox.com.
3. VI Design Express is the Adobe InDesign plug-in that runs on a Windows PC or a Mac OS system. This plug-in allows for rapid development of delimited-based VIPP® applications. FreeFlow VI Design Express supports an option to generate PDF output using the **VI Design Express PDF** option from the InDesign Export menu.

ADOBE ACROBAT AND ADOBE READER INFORMATION

If you are using PDF Objects as VIPP® resources in your VIPP® application and you need to view the PDF file output from VI eCompose using Adobe Acrobat or Adobe Reader, ensure that you are using Adobe Acrobat or Adobe Reader, version 10.1.4 or later.

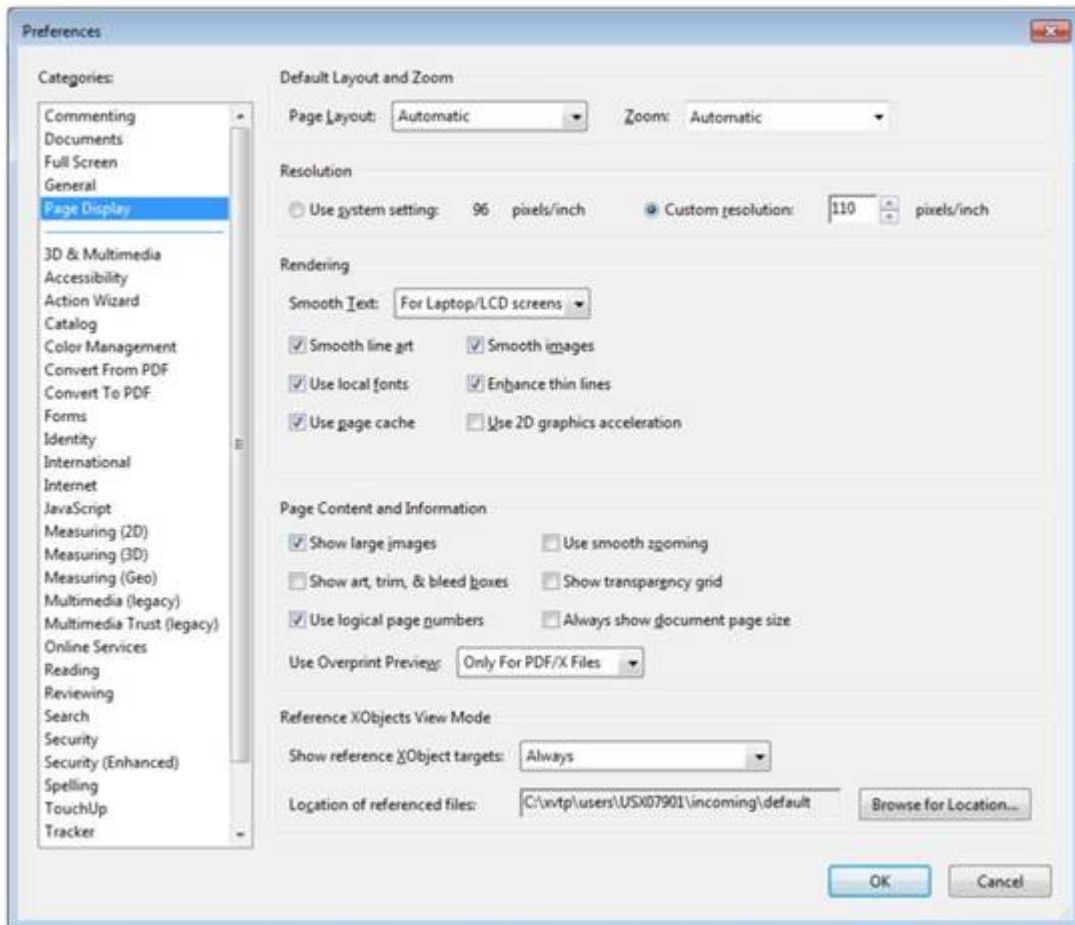
CONFIGURING ADOBE ACROBAT AND ADOBE READER PRIVILEGED FOLDER SETTINGS

To view PDF files that contain VIPP® PDF resources, ensure that you open the PDF file from an Adobe Acrobat or Adobe Reader privileged folder.

To create a privileged folder, edit the following Adobe Acrobat or Adobe Reader preferences:

1. From the Adobe application, select **Edit > Preferences**.
2. Under Categories, select **Page Display**.
3. At the bottom of the window, under Reference XObjects View Mode, for Show reference XObject targets, select **Always**.

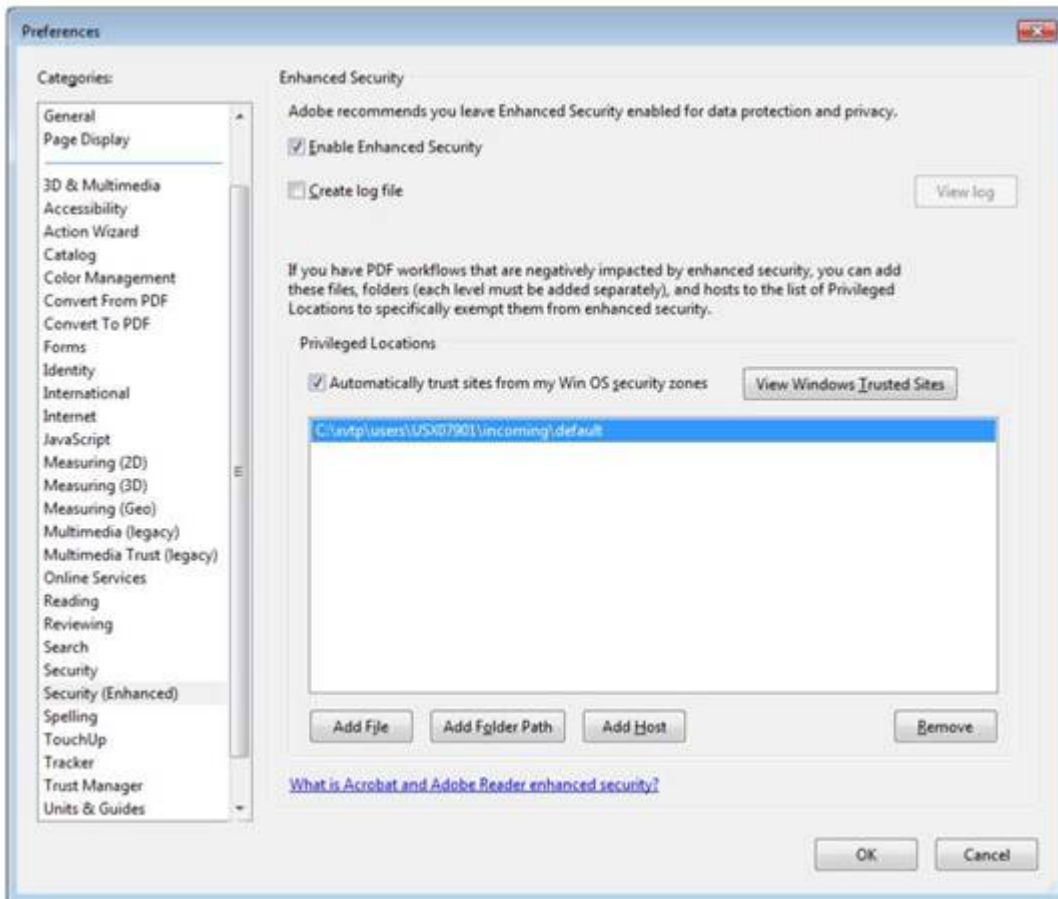
4. For Location of referenced files, specify the path to the directory that contains the PDF files generated by VIeC.



 Note:

- It is recommended that you select the VIeC incoming folder instead of the folder containing a specific job.
 - As long as all of the PDFs generated by VIeC are under the same incoming folder hierarchy, all referenced PDFs will be located and properly displayed.
5. Under Categories, select **Security (Enhanced)**.

6. Under Privileged Locations, click **Add Folder Path**, then specify the same folder as specified for Location of referenced files.



 Note:

- The referenced XObjects are independent of the Enhanced Security checkbox. The state of the checkbox does not govern viewing of referenced XObjects.
- Any of the following can cause Adobe Acrobat or Adobe Reader to display `Missing`: followed by the name of the missing PDF resource:
 - The version of Acrobat or Reader does not support Referenced XObjects
 - The preferences were not setup correctly
 - The PDF file was opened from a non-privileged folder

FreeFlow VI Suite Printer Support

This chapter contains:

Printer Support48

Printer Support

The FreeFlow VI suite 17.0.0.0 release adds support for the following printers:

XEROX® PRINTER	CONTROLLER AND MINIMUM SUPPORTED VERSION
Xerox® Versant® 3100 Press	Xerox® EX-P 3100 Print Server Powered by Fiery®
	Xerox® EX 3100 Print Server Powered by Fiery®
	Xerox® FreeFlow® Print Server for the Xerox® Versant® 3100 Press
Xerox® Versant® 280 Press	Xerox® EX-P 4100 Print Server Powered by Fiery®
	Xerox® EX 4100 Print Server Powered by Fiery®
Xerox® Baltoro® HF Production InkJet Press	Xerox® FreeFlow® Print Server



Note: VIPP® printing is not supported on the Xerox® Office or AltaLink® series printers.

Additional information about the VIPP® Specialty Imaging support for these printers can be found at www.xerox.com. Select **Customer Support > All Support and Drivers**. For product type, select **Software & Platforms**, then select **FreeFlow > FreeFlow Variable Information Suite**. Go to the documentation area, then search for **FreeFlow VI Suite Specialty Imaging Customer Report**.

