

Xerox® FreeFlow® Vision Software Release Notes

Software Version 1.1.61

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Preface

Welcome to the Xerox® FreeFlow® Vision Software Release Notes. This document contains important information regarding system requirements, known issues and limitations and supported printers for the current software release.

Online Resources

For additional product documentation, community forums, and support, go to:
<https://www.xerox.com/vision>.

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1. System Requirements

Minimum System Requirements

The Minimum System Requirements outlined in the table below represent the minimum requirements for hardware, software, and/or accounts, which must be in place to access and make use of the software. Various other factors, such as the number of connected devices, their location (local or remote), and network speed and bandwidth, should also be considered when selecting a capable platform for your environment.

Xerox® FreeFlow® Vision Software is supported on a dedicated, standalone PC/Server, or may be installed co-resident with Xerox® FreeFlow® Core Software (only) that meets or exceeds the system requirements defined below. Installing software components other than those outlined below is not supported.

If installing FreeFlow Vision coresident with FreeFlow Core, the PC/Server must meet (or exceed) the minimum recommended specifications for FreeFlow Vision outlined in the table below.

When co-locating FreeFlow Vision on the same Server as FreeFlow Core, ensure that the FreeFlow Vision is configured with its own, separate SQL database instance.

It is the responsibility of the Client to provide, install, and configure a PC/Server with an appropriately licensed version of the Operating System that meets the minimum system requirements for such Operating System prior to installing the software.

Installation of FreeFlow Vision is supported on private local or wide area Ethernet networks (Intranet) only.

FreeFlow Vision cannot be installed on Domain controllers or backup Domain controllers.

Performance Guidelines

For most environments, including coresident installation with FreeFlow Core, a system that meets or exceeds the Recommended specifications outlined below is required. The Basic configuration is suitable only for evaluating the software, or for small printing establishments with no more than two (2) printers.

	Basic	Recommended
Processor	Intel Core i7 Processor, 3.3 GHz or better (4 or more Cores)	Intel Xeon Processor E5, 2.5 GHz or better (8 or more Cores)
System Memory	16 GB	32 GB
Hard Drive Minimum of 25% free space available at all times. Windows disk volumes up to 4 TB have been tested. Results may vary with larger volumes.	500 GB SATA Hard Disk Drive (HDD) (single disk partition)	500 GB, SATA Solid State Drive (SSD), 3 Gbps (RAID 5) Full system backups are required if non-RAID configurations are used.
Peripherals	• Monitor and Video Controller with 1900 x 1200 resolution and 32-bit color	

	Basic	Recommended
	<ul style="list-style-type: none"> Keyboard and mouse 	
Network	Permanent connection with a fixed (static) IP address	
Intranet	<ul style="list-style-type: none"> 100 Mbps 	1 Gbps
Operating System Windows Basic, Core, Education, Home, IoT Core, Mobile, Starter, Team, "S", "X", and Preview editions of Microsoft Operating Systems are not supported. Prior to using multi-point server, small business server, or Essentials editions check with product support as some releases are not supported.	<ul style="list-style-type: none"> Microsoft Windows 11 Microsoft Windows 10 (64 bit) Windows should always be maintained at the current supported software level. 	<ul style="list-style-type: none"> Microsoft Windows Server 2022 Microsoft Windows Server 2019
Infrastructure	<ul style="list-style-type: none"> Microsoft .NET Framework 4.8.0 Microsoft SQL Server 2019. Enterprise, Express, and Standard editions are supported. <p>Always configure FreeFlow Vision with its own, separate SQL Database Server if installing the software on the same Server as FreeFlow Core.</p> <p>FreeFlow Vision may be configured with a remote SQL database. See the Installation Guide for more information.</p> <p>The server should be configured with a static IP address. DHCP is not recommended.</p> <p>FreeFlow Vision supports Single Sign-on (SSO) from client Active Directory accounts only. Federated login from third party accounts, such as Facebook, Google, Apple, etc., is not supported.</p> <p>Do not use cloud based or federated logon accounts, such as Windows Live, Microsoft, Outlook, Microsoft 365 (formerly Office 365), or Office 360 for the server or SQL server. The server must use either a Windows local or Active Directory account.</p>	
Web Browser	<ul style="list-style-type: none"> Current versions of modern browsers from Apple®, Google®, Microsoft®, and Mozilla® <p>Microsoft Internet Explorer and the original Microsoft Edge are not supported. Only Microsoft Chromium Edge is supported.</p> <p>Browsers older than one year are not supported. To avoid compatibility issues, always use the latest version of the browser.</p>	

	Basic	Recommended
	Always use desktop computer browsers. Mobile device browsers may exhibit display issues.	

Virtual Environment Support

When installing the software in a virtual environment, it is the responsibility of the client to support the virtual environment and virtual environment software itself. Clients must also provide a fully configured virtual environment, including access and support thereof to Xerox support, as necessary. The virtual environment must be explicitly configured to meet or exceed the stated physical hardware requirements.

Only issues that can be reproduced on the standard FreeFlow Software configuration will be supported. For problems unique to the virtual environment itself, Xerox will make best effort to fix.

Security Updates

It is recommended that the PC/Server and clients be kept up to date using Windows Update to obtain the latest fixes and security improvements.

For more information, refer to the *Xerox® FreeFlow® Vision Security Guide*. This document can be obtained from the Xerox Security website at: <https://security.business.xerox.com/>.

Backup and Restore

Backing up the software is the client's responsibility. Backup for your FreeFlow product can be performed using any commercially available backup and restore software. Ensure that you run a full system backup that includes all hardware drives that contain the FreeFlow product and database software.

Prior to performing an upgrade or update, ensure that you have a recent backup of the database that can be restored in the event the upgrade fails. If you are not familiar with backing up the SQL Server database, it is recommended to perform a full System Image/backup.

2. Resolved Issues

Version 1.1.61

- Resolved issue with Application crashing on opening
- Resolved issue with Job Name shows up as hexadecimal string
- Resolved issue with Incorrect URL for the Xerox Software Activation Portal

Version 1.1.60

- Resolved issue with Incorrect translation when trying to modify Waste Pages
- Resolved issue with Tray Names display incorrectly on a French system
- Resolved issue with Annotations feature data missing from the data export
- Resolved issue with Waste Sheet entry operability
- Resolved issue with Number of media trays on Dashboard do not match number configured/available on Baltoro
- Resolved issue with Expanded Print Card having a horizontal scroll bar

3. Known Issues and Limitations

Administration

- The Add New User option/button is not available when logged in using Active Directory.
- An error pops up when a space is added after the schedule name.
- The Default Shift cannot be edited.

System

- The Server clock and application must be synched, otherwise the HTTPS server may reject the connection. If the HTTPS server connects, jobs that appear in the Completed Jobs list may be incorrect.
- In order for FreeFlow Vision to provide the correct Media Name and Weight, the Paper Catalog on the Digital Front-End (DFE)/Controller must be defined.
- When replacing ink on the Xerox® Baltoro® HF Inkjet Press, if the volume of the bottle is less than 100% full, FreeFlow Vision will display the volume as 100% even if it is only partially full.
- Colorants will not show up in FreeFlow Vision if a Toner Customer Replaceable Unit Monitor (CRUM) is disabled.
- Jobs that contain less than 20 pages (impressions) may not display the correct Impressions and Job Information (Submitted, Next, and Completed Jobs) in FreeFlow Vision.
- If a printer is Disabled, Hidden, or inactive (no data collected) on a given day(s), the printer will not appear in the Analyze View Timeline for that day(s).
- Impressions are measured in Impressions per Minute (IPM) or Hour (IPH). An impression is based on a single, simplex press sheet irrespective of the size of the sheet. Impressions do not equate to linear meters, clicks or the number of pages in a job.
- Impressions include diagnostic sheets.
- When a colorant is replaced, the system expects the insertion of a new colorant.

Live View

- Tray information may not be displayed correctly.
- The Submitted Jobs list is empty for iGen5 when active jobs are displayed in the printing queue.
- The levels for Dry Ink Containers are not correct for Nuvera Tandem systems.
- Close pop-up sometimes displays when FreeFlow Vision is idle for a long duration.
Close the pop-up and re-login if requested.
- If job information is missing while printing, navigate to the Administration Tab, select the Printer Tab, and go to the desired printer. Suspend Data Collection for the desired printer and Resume Data Collection to resolve.
- The Submitted and Completed Job List(s) display the most recent jobs – up to a maximum of twenty (20), the priority of which is controlled by the First In, First Out (FIFO) method.

Printer Management

- If media trays are reprogrammed on Xerox Nuvera® Presses, FreeFlow Vision must be restarted to display the trays correctly.
- The maximum number of printers that can be added to a Printer Group is 65.

FreeFlow Core Integration

- Always configure FreeFlow Vision with its own, separate SQL Database Server if installing the software on the same Server as FreeFlow Core. Do not select the option to Use an existing FREEFLOWCORE SQL instance when prompted to configure the SQL Database Server during the installation process.
- When adding printers from Xerox® FreeFlow® Core Software, only printers that are active (online and connected) will import successfully.
- When adding printers from Xerox FreeFlow Core Software, the Productivity Target (Impressions) must be manually defined once the printer appears in FreeFlow Vision. The system will not automatically apply the default value.

4. Supported Printers

Xerox Devices

Xerox® FreeFlow® Vision Software supports connectivity to Xerox Simple Network Management Protocol (SNMP) and Xerox Fiery-enabled devices, including Xerox FreeFlow Print Server and Xerox Print Server Powered by Fiery® – enabling real-time collection of operational data.

IMPORTANT

The following protocol or interface, as applicable, must be enabled on the Print Server for FreeFlow Vision to establish connectivity with the device. For more information, refer to the *Xerox® FreeFlow® Vision Security Guide*.

Xerox FreeFlow Print Server

- **SNMP** (Versions 1, 2c, and 3) enables device type discovery and printer information via the Standard Device Description.

Xerox Print Server Powered by Fiery

- **Fiery Application Programming Interface (API)** establishes a secure bi-directional connection with the Fiery server.

Fiery API

To obtain the latest version of the Fiery API, go to www.xerox.com. Select **All Support & Drivers > Software and Platforms > FreeFlow > FreeFlow Vision** and download the version that corresponds to your Xerox printer and Print Server model as indicated in the following table.

Ensure that the filename (prefix and OS – Windows or LINUX) corresponds to your device.

Xerox Printer	Xerox Fiery Print Server	Software Version	Fiery API Download on www.xerox.com
Xerox® iGen® 5 Press	Xerox® EX-P 5 Print Server Powered by Fiery®	2.1/2.11 SP1	FS400_FieryAPI_WIN_5_2_73-00.ps
Xerox® Iridesse® Production Press	Xerox® EX-P 6 Print Server Powered by Fiery®	3.1	FS400_FieryAPI_WIN_5_2_73-00.ps
Xerox® Versant® 4100 Press	Xerox® EX-P 4100 Print Server Powered by Fiery®	1.1	FS400_FieryAPI_WIN_5_2_73-00.ps
	Xerox® EX 4100 Print Server Powered by Fiery	1.1	FS400_FieryAPI_WIN_5_2_73-00.ps
Xerox® Versant® 280 Press	Xerox® EX 280 Print Server Powered by Fiery®	2.1	FS400_FieryAPI_WIN_5_2_73-00.ps
	Xerox® EX-i 280 Print Server Powered by Fiery®	2.1	FS400_FieryAPI_LINUX_5_2_73-00.ps
Xerox® PrimeLink® C9065/C9070 Printer	Xerox® EX C9065/C9070 Print Server Powered by Fiery®	2.0	FS500_FieryAPI_WIN_5_2_73-00.ps
		1.0 SP2	FS400_FieryAPI_WIN_5_2_73-00.ps
	Xerox® EX-i C9065/C9070 Print Server Powered by Fiery®	2.0	FS500_FieryAPI_LINUX_5_2_73-00.ps
		1.0 SP2	FS400_FieryAPI_LINUX_5_2_73-00.ps
Xerox® PrimeLink® B9100 Series	Xerox® EX B9100 Series Print Server Powered by Fiery®	1.x	FS400_FieryAPI_WIN_5_2_73-00.ps

Minimum Printer and Print Server System Requirements

FreeFlow Vision supports current Xerox printer models with FreeFlow Print Server and Xerox Print Server Powered by Fiery running the latest software releases. The table below outlines the Xerox devices that are fully supported by the software, as well as the Minimum System Requirements for the printer and Print Server, which must be in place to access and make use of the software.

If your device does not meet (or exceed) the minimum requirements outlined below and the software is not available to you as a client download, contact your Sales Representative for assistance.

Minimum System Requirements for Xerox® Devices and Print Servers					
Xerox Printer	Version	How to obtain	Print Server	Version/Patch(s)	How to obtain
Xerox® Baltoro® HF Inkjet Press	WH.16.0.20	Contact your Sales Representative	Xerox® FreeFlow® Print Server	24.0.23126.0	Contact your Sales Representative
Xerox® iGen® 5 Press	MOF.7.0.36	Contact your Sales Representative	Xerox® FreeFlow® Print Server	24.0.23126.0	Contact your Sales Representative
			Xerox® EX-P 5 Print Server Powered by Fiery®	2.1/2.11 SP1	Contact your Sales Representative
				FIT102651822 FIT102658104	Contact your Sales Representative
Xerox Nuvera® Family of Presses (Models IV-B and IV-D only)	RV.14.5.x	Contact your Sales Representative	Xerox® FreeFlow® Print Server	73N1.96.11_X86	Contact your Sales Representative
Xerox® Iridesse® Production Press	6.0.77	www.xerox.com : All Support & Drivers	Xerox® EX-P 6 Print Server Powered by Fiery®	3.1	Contact your Sales Representative
				SP1_FIT102555706	Fiery System updates or
				FIT102659042	www.xerox.com : All Support & Drivers
Xerox® Versant® 4100 Press Product IDs: PZZ/QAA and RAZ/RCQ	101.22.93	Contact your Sales Representative	Xerox® EX-P 4100 Print Server Powered by Fiery® Product ID: TNQ	1.1	Contact your Sales Representative
				FIT102506332 FIT102623490 FIT102659042	Fiery System updates or www.xerox.com : All Support & Drivers
				Xerox® EX 4100 Print Server Powered by Fiery® Product ID: TNZ	1.1
			FIT102506332 FIT102623490 FIT102659042		Fiery System updates or www.xerox.com : All Support & Drivers
			Xerox® Versant® 280 Press Product ID: QAM and RFQ	81.22.91	Contact your Sales Representative

				FIT000293151 FIT102623492 FIT102659042	Fiery System updates or www.xerox.com : All Support & Drivers
			Xerox® EX-i 280 Print Server Powered by Fiery® Product ID: QMF	2.1	Contact your Sales Representative
				FIT102630611 FIT102659088	Fiery System updates or www.xerox.com : All Support & Drivers
Xerox® PrimeLink® C9065/C9070 Printer	85.06.11	Contact your Sales Representative	Xerox® EX C9065/C9070 Print Server Powered by Fiery®	2.0	Contact your Sales Representative
				FIT102623486 FIT102658103	Fiery System updates or www.xerox.com : All Support & Drivers
				1.0 SP2	Contact your Sales Representative
				FIT102623487 FIT102671687	Fiery System updates or www.xerox.com : All Support & Drivers
			Xerox® EX-i C9065/C9070 Print Server Powered by Fiery®	2.0	Contact your Sales Representative
				FIT102623488 FIT102658102	Fiery System updates or www.xerox.com : All Support & Drivers
				1.0 SP2	Contact your Sales Representative
				FIT102623489 FIT102671686	Fiery System updates or www.xerox.com : All Support & Drivers
Xerox® PrimeLink® B9100 Series	90.40.71	Contact your Sales Representative	Xerox® EX B9100 Series Print Server Powered by Fiery®	1.1	Fiery System updates or www.xerox.com : All Support & Drivers
				1.0 SP1_FIT102390297	Fiery System updates or www.xerox.com : All Support & Drivers
				1.0 SP2_FIT102555709	Fiery System updates or www.xerox.com : All Support & Drivers
				FIT102620812 FIT102659042	Fiery System updates or www.xerox.com : All Support & Drivers

Non-Xerox Device Support

FreeFlow Vision is a vendor-neutral solution, supporting connectivity via the Simple Network Management Protocol (SNMP) protocol to most multi-vendor devices that conform with this industry-standard protocol. Certain limitations apply. If a particular device does not support, or otherwise broadcast certain operational data via SNMP, FreeFlow Vision will be unable to connect, and/or display (any/all) operational data from the device.

Xerox shall have no responsibility for identifying or correcting deficiencies in any non-Xerox products connected to or used with the product, or for otherwise providing service or support for such non-Xerox product.

5. Installation Procedures

Installation and Upgrades

Refer to the *Xerox® FreeFlow® Vision Software Installation Guide* for installation and upgrade instructions. This document can be obtained by accessing the Owner Resources section on the Xerox FreeFlow Vision Software product page at www.xerox.com/vision.

Prior to performing an upgrade or update, ensure that you have a recent backup of the database that can be restored in the event the upgrade fails. If you are not familiar with backing up the SQL Server database, it is recommended to perform a full System Image/backup.

6. License Disclosures

End User License Agreement

The Xerox® FreeFlow® Vision Software End User License Agreement (EULA) can be found at C:\Program Files\Xerox\FreeFlow Vision\license for installs performed using the default location.

License Disclosures

License disclosures for third-party components can be found at C:\Program Files\Xerox\FreeFlow Vision\disclosures for installs performed using the default location.