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FreeFlow®

Customer Software Release Document



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

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New Features

This Customer Software Release Document is issued with FreeFlow Makeready, Process Manager, Output Manager, Print Manager Advanced Print Path, JMF Service, and Express to Print to provide you with information specific to this application release.

Xerox is planning to stop accepting orders for FreeFlow Print Manager software effective October 2010. Print Manager functionality is now included in other FreeFlow modules. The Xerox FreeFlow Digital Workflow Collection offers a variety of products to meet your needs for easy file preparation and automated job submission, such as FreeFlow Express to Print. To learn more about this compelling option and others, contact your local sales representative.

What is new in the FreeFlow 9.0 software

Supported Operating Systems

The following is a list of the operating systems and supported applications.

Operating Systems	Applications
Windows XP SP2 or SP3 Windows Vista SP1 or SP2 (32-bit) Windows 7 (32-bit)	JMF Services Express to Print Makeready Print Manager - APP Process Manager Remote Clients
Windows 7 (64-bit)	JMF Services Makeready* Print Manager - APP Process Manager Remote Clients
Windows Server 2003 SP2 Windows Server 2003 R2 SP2 Windows Server 2008 SP1 or SP2 (32-bit)	JMF Services Output Manager Process Manager Print Manager - APP Process Manager Remote Clients
Windows Server 2008 R2 (64-bit)	JMF Services Output Manager

Note: *Both the Xerox Production Scanner and the Scanner 665 are not supported with Windows 7 (64-bit). The scanners are only supported on Windows XP, Windows Vista and Windows 7 (32-bit)

New printers supported

The following table lists the new printers and Digital Front Ends supported by FreeFlow 9.0.

Printer	Digital Front End
Xerox Color 550/560	FreeFlow Print Server 8.0 SP1 EX Print Server 1.0* Integrated Fiery Color Server 1.0 (EFI embedded)* *An IPP patch is not required for these two DFEs.
Xerox iGen4 90/110	FreeFlow Print Server 8.0 SP1

New in FreeFlow Process Manager

New Process Nodes

Three new Process Nodes have been included FreeFlow 9.0 Process Manager:

1. Insert Pages - This node allows the user to insert the following:
 - a. A set number of blank pages at specified locations
 - b. Blank pages until the document reaches a certain number of pages
 - c. Blank pages until the document reaches a multiple of a certain number of pages
 - d. Another document into a document at a specified location
2. Delete Pages - This node allows the user to delete pages at specified locations
3. Duplicate Pages - This node allows the user to copy pages to specified locations

Support for Negative Page Numbers in Page Ranges

All Process Manager process nodes (ie. Watermarks, Barcodes, Rotate Pages, Delete Pages, etc.) that support applying the operation to a specific page range (ie. 1,4,7-10) now support negative page numbers in the page ranges. A negative number indicates that it is counted from the end of the document instead of from the beginning:

1 to -1 means the range is from the first page to the last page

3 to -2 means that the range is from the third page to the second to last page

-3 to -2 means that the range is from the third to last page to the second to last page

3 to 2 and -2 to -3 are invalid, as the page range is inverted

A page range of 2 to -2 is valid only when the PDF document contains 3 or more pages. For a 2-page document, the range is invalid since the second to last page comes before the second page, and the range is inverted. For a document with more pages, the range is valid. Ranges such as this example are allowed by Process Manager, but may result in an error at print.

Improved Performance

Accelerated job processing eliminates the storing of intermediate files in the spool directory which improves the performance in Process Manager.

When this feature is enabled, the behavior of the View Document, Resubmit and Pause buttons in Job Manager is as follows:

- View Document is only available when the node prior to the selected node wrote a file to the spool folder.
- Resubmit is only available when the selected node wrote a file to spool folder.
- Pause is not available for the Autoedit node.

For example, a workflow such as Watermark -> Barcode -> PageNumber -> BatesStamp -> Crop -> Flip would have View Document available only at Flip, Resubmit available only at Watermark, and Pause is not available.

Change to the Save node

The export of the XPIF ticket for the Save node no longer requires a Print node. The XPIF ticket is created if the option to Save print job information is enabled in the Save node.

Join enhancements

The Join process node adds bookmarks to joined files which indicate which pages in the joined PDF are from which input file.

XPIF Export

The External Process node now has the option to export an XPIF ticket and accept an updated XPIF ticket.

Imposition Enhancements

- Support for inward creep in imposition
- Support for Max N-up auto-orientation

Saving Preflight Reports with Job

The Save Process node has the ability save preflight reports with the job.

Manifest Automation from Xerox (MAX) enhancement

The number of supported Manifest configurations that can be defined has been increased from 10 to 30.

The number of manifest columns that can be mapped has increased from 50 to 100.

New in FreeFlow Makeready

- Support for generic (third-party) TWAIN scanners
 - TWAIN compatible third-party scanners can be connected to FreeFlow Makeready Scan and Print applications.

Note: Third-party scanners do not support the same level of image quality and performance as Xerox Firestar Scanners.

- The Copyright Management Service installation of Makeready now supports the following browsers:
 - Firefox versions 3.0, 3.5, and 3.6

New for JMF Services

FreeFlow JMF Services 9.0 does not support Web Services 7.x or prior version. Customers with these versions of Web Services should continue to use JMF Services 7.0 (Web Services 7.0/7.1) or JMF Services 8.0 (Web Services 7.1).

Additional JDF mappings to support the Xerox Color 800/1000 Press printer have been added. For example, quad staples, Clear Coat, Media Types for Process Manager and Output Manager 9.0.

However:

- FreeFlow JMF Service 9.0 will not support Web Services 7.0 or prior. Customers with these versions of Web Services will continue using JMF Services 8.0.
- Output Manager and Process Manager support JDF version 1.2 only for FreeFlow 9.0.

New in FreeFlow Output Manager

Hot Folders run a Windows Service

The Hot Folder application is now a Windows Service. Hot Folders start up automatically when Output Manager is started. Hot Folders can be started and stopped the same way as any other windows service. For more details refer to the Output Manager Help or User Guide.

Xerox iGen4™ 220 Perfecting Press

Support for the Xerox iGen4™ 220 Perfecting Press with dual printers and dual DFEs, is provided via Output Manager. All jobs are sent through Output Manager for this printer. For details on to print to this printer, please reference the Printer Registration help.

Paper Stock Forwarding

FreeFlow applications can now display a printer paper stock library obtained from Output Manager allowing for an accurate list of paper stocks to be displayed prior to submission to an Output Manager printer.

Browser Support

Output Manager supports the following browser versions:

- Firefox versions 3.0, 3.5, and 3.6
- Internet Explorer 7.0 and 8.0

Output Manager Hints and Tips

Hints and tips for Hot Folder:

The FFOM_HotFolderService runs as the system user. If you need to change this default, perform the following:

1. Select [Start: Settings: Control Panel: Administrative Tools: Services].
2. Select the FFOM_HotFolderService, right click and select Properties.
3. Select the [Log On] tab.
4. Select [This Account] and enter appropriate user account information.

The FFOM_HotFolderService is set to run automatically when the server is rebooted. If you need to change this default, perform the following:

1. Select [Start: Settings: Control Panel: Administrative Tools: Services].
2. Select the FFOM_HotFolderService, right click and select Properties.
3. Select the [General] tab and change the [Startup Type].

New in FreeFlow Express to Print

Tab Annotations for ISO tabs

In prior versions of Express to Print, all tab stock was defined with Tab Inset and Tab Extension having a fixed value of ½-inch. The customer could not specify tab annotations for ISO tabs. As of Express to Print 9.0, the user is now provided the opportunity to alter the Tab Inset and Tab Extension values in the Express to Print Preferences dialog box within the Options tab group.

The allowable values for Tab Inset and Tab Extension are 0 inches to 0.5 inches and 0.35 inches to 0.75 inches respectively. Values will be displayed in Metric or Imperial units depending on the regional settings. Attempts to enter values outside the defined ranges will be automatically corrected to either the maximum or minimum value as the user exits the Preferences dialog box. Changes made to the Tab Inset and Tab Extension values take effect immediately upon selecting Okay in the Preferences dialog.

The user-specified values for Tab Inset and Tab Extension are applied globally to all tab stocks and to the placements of all annotations. These values cannot be applied on a per-stock basis. Settings also apply to all open documents in the Express to Print application and are persistent in subsequent invocations of Express to Print. However, the values are independent on a system per-user basis.

Output Destination

In prior versions of Express to Print, the output destination or bin for printed documents was not changeable by the user. As of Express to Print 9.0, the user is now provided the opportunity to directly specify the output destination for a selected printer through the Job Options tab.

The available options that appear are dependent on the currently selected printer and reflect the supported options for that printer. There is no dynamic query of the physical printer for the actual presence or state of the selected output bin or any additional output device attached to the printer.

If the user selects a printer from the Express to Print Select Printer control and the currently selected output bin is invalid for the new printer, the Unsupported Features dialog box appears, providing the user the option to replace the invalid location for one supported by the newly selected printer.

Please note that some Finishing options require a particular output bin. The list of available output locations as they appear in the Output Destination drop-down list are not qualified by the selected Finishing option and may result in a validation error at submission time or failure at the target printer.

Multiple Finishing

In prior versions of Express to Print, although a printer may support the option, the Multiple Finishing selection was not available as part of the Finishing list. As of Express to Print 9.0, if the printer supports Multiple Finishing, the user can select this option which gives them the ability to set a combination of Staple, Punch and Fold types together.

Import and Export document type templates

FreeFlow Express to Print is pre-installed with a set of document types (templates) that can be selected from the Select Type of Finished Document menu.

Express to Print version 9.0 now allows you to import and export other document types not installed with the system. Select the Options > Document Type menu.

To import, select the Import button from the Document Types Manager.

To export a template, select the Export button from the Document Types Manager.

Improvements to managing stock definitions

Version 8.0 of FreeFlow Express to Print allowed you to add a stock to the system without adding it to the Stock Library or to the stock selection menus. The stock existed in the system but did not display. If trying to define a stock with the same name, an error message resulted.

In Version 9.0, when you add a stock, the system automatically adds it to the Stock Library, eliminating the behavior found in the previous version.

Improvements when adding tabs and inserts

When you first add tabs or inserts into a document by dragging and dropping, the tabs are programmed with the system selected default tab or special pages media. Program these pages with the insert / tab media you actually want to use.

When placing additional tabs and inserts into the document, FreeFlow Express to Print Version 9.0 defaults to the properties used by the last insert or tab defined in the document before the insertion point, instead of using the system default media as in Version 8.0.

Improvements when switching printers

A new Unsupported Features dialog displays when switching between different printers.

Job ticketing is based on what options a printer supports. The current job ticket may be invalid when you switch printers. Instead of dropping all of the invalid job settings, Version 9.0 of Express to Print lists all the current programming not supported by the new printer. You can then:

- Change the job ticket (if possible) and/or accept the disposition of the job ticket
- Cancel the printer switch and retain all current job programming

Express to Print Hints and Tips

Basic hints and tips:

- In a Signature document, do not uncheck either the Front and Back Covers checkboxes in the Covers dialog. In a signature document, a Cover is always applied to both the Front and the Back.

Hints and tips for conversion:

- LZW compressed TIFF files are incompatible. Due to the compression type, the files cannot be used as input to Express to Print.
- It is not recommended to switch views of a document that is still processing. Only when conversion of that document is complete will the document be shown correctly.
- It is not recommended to use a network path to input files to Conversion when using Express to Print. A warning dialog will appear specifying that network paths (UNCs) are not supported. It is recommended to copy input files for use in Express to Print to a local disk drive.
- It is not recommended to use a mapped network driven to input files to Conversion when using Express to Print. Security permissions on the network can vary for each user. This use can be unpredictable. It is recommended to copy input files for use in Express to Print to a local disk drive.
- Ensure that adequate space is available on the local disk drive that hosts the Microsoft Windows user account's temporary folder. The temporary folder is the natural home for the intermediate files generated by the Conversion process.
- The Submission controls are enabled during the conversion of a second batch of files. While the initial set of files to be converted will disable the Submission controls, any additional documents added for conversion thereafter will keep the Submission controls enabled. It is recommended to not submit a job while there are documents converting. This will result in a Job Imposition error as all the documents to be submitted to a printer will not be available.

New in FreeFlow Print Manager Advanced Print Path

With FreeFlow 9.0, FreeFlow Print Manager Advanced Print Path is customer installable. The customer will be able to obtain a license and install the software. Along with the Print Manager - APP installation, Adobe Acrobat Professional 9.3.x is automatically installed.

Note: The Acrobat 9.x install may prompt for removal of a previous version of Acrobat. Always select the option to remove the previous version. When the Acrobat install completes, please do not reboot the system until after FreeFlow installation completes.

New in the VI Suite

VIPP Pro Publisher

- Enhancements to support Clear Coat elements for the Xerox Color 800/1000 Press
- Enhancements for additional graphic arts features
 - Simple Booklet option
 - Paragraph Indent support
 - Rounded Corner support
- Specialty Image extensions
 - Text Pattern Ink effect
 - Fluorescent Ink effect extension to support 2 Layers
- Support for Adobe CS5

VI Interpreter

- Support for FreeFlow Print Server Finishing Subset as well as the Clear Coat elements for the Xerox Color 800/1000 Press.
- Support for VIPP Pro Publisher graphic arts enhancements.
- Support for Specialty Image enhancements.
- Support for ColorQube products.

VI Designer

- Enhancements to support Clear Coat elements for Xerox Color 800/1000 Press
- Support for Specialty Image enhancements
- Integration with VI Interpreter

VI PDF Originator

- Extension to support individual passwords at PDF creation
- Integration with VI Interpreter

VI Explorer

- Integration with VI Interpreter

Caveats and Limitations

General Printing

- Unable to view the Print GUI window (Production Print and Window print) when right click the PDF file and select print option in Windows Explore. This limitation is only with Acrobat 9.3.2.
- 16 bit TIFFs are not supported by the printer 4112/4127. If the user attempts to print a 16 bit TIFF, a Print Submission fail error appears.
- When printing through the Windows Print option, each document page must result in an image that is less than 200MB. If a page results in an image that is greater than 200MB, an error message appears.
- When printing black and white images scanned on a DocuImage 665 as PDF, periodic 1 pixel lines may display in the print.

Workaround

Print the images as RDOs.

Makeready

- Makeready does not support printing non-continuous pages if the document contains exception pages. If the customer attempts to print a job and selects non-continuous pages, the following message appears:

Printing non contiguous pages is not allowed for documents containing exception page(s).

- When inserting a password protected PDF file, you cannot save it as a PDF file using the Xerox High Speed option.

Workaround:

Click on the Production Print icon once. The print may then be cancelled or submitted.

- When using Copyright Management Services (CMS) with the FireFox browser, when Modify Selection is selected the CMS Administration page is displayed rather than the Sections Details page.

Workaround

To run the CMS with the FireFox browser, please modify the following settings. Otherwise, the user is not able to utilize the Modify Selection feature.

- Select Tools -> Options.
- Select Tab -> Tabs.
- Uncheck the option to Open new windows in a new tab.

Process Manager

- Manual and automatic conversion (whether local or remote) of Adobe Illustrator (.ai) and Adobe InDesign (.indd) documents are NOT supported in FreeFlow 9.0.
- IPV6 support is limited to the following 2 scenarios:
 - Pure IPV4
 - Mixed Mode - OS has both IPV4 and IPV6 installed

- Only passwords which are created with characters that are used by DOS commands are supported. Characters which are NOT supported include: >, <, &, |, :, ~ and %.

JMF Service or Output Manager

- If a printer registered in Output Manager or JMF Service is removed from the Printer Registration Tool and Output Manager or JMF Service is restarted before the printer is removed from Output Manager or JMF Service, updating the printer lists after restart of Output Manager or JMF Service fails.

Symptoms:

The xomupddev command in JMF Service fails with message Device <printrname> is not found. When using the Change Printer List command in Output Manager, the printer to be removed from Output Manager will not be deleted. Invoking the Do Not Accept Jobs command at the GUI also fails.

Workaround:

- a. Restart Output Manager or JMF Service.
 - b. Add the offending printer in Printer Registration
 - c. Register the printer in Output Manager using Change Printer List. For JMF Service invoke the xomupddev command.
 - d. Delete the printer from the Printer Registration tool
 - e. Remove the printer from Output Manager using Change Printer List. For JMF Service invoke the xomupddev command.
- Copying an existing Job to a Queue having the Split option does not split the job.

Workaround:

After a job is moved or copied to a split queue, manually edit the job and set the desired job split option.

- When configuring a HotFolder where the folder is a remote folder, instead of using a mapped drive, specify the remote directory using the UNC pathname. Use the script networkjobsubmit.bat as the processing program.
- On Windows 2008 server, if the HotFolder service user ID is not the default user SYSTEM, Windows logs off the user if the session becomes idle. Once the user is logged off, the mapped network drive associated with the user may be lost. User should not log off while the FFOM_HotFolderService is monitoring hotfolders on remote drives. To prevent loss of accessing remote folders, the network drive should be mapped with Reconnect at logon checked.
- When attempting to invoke commands from the Hot Folder GUI, a message dialog reports Cannot connect to Hot Folder Service.

The message is displayed because the GUI has lost connection to the service. The Hot Folder Service may have been stopped.

Workaround:

To restore the connection between the GUI and the Hot Folder service, restart the Hot Folder service and restart the Hot Folder GUI.

- Print files generated by the Integrated 4112/4127 print driver should not be forwarded to Output Manager. Jobs forwarded from Output Manager to the printer lose job ticket specifications.

Windows 7- Express to Print, Makeready, Process Manager Remote Client, Print Manager-APP

If an Express to Print, Makeready, Process Manager, Process Manager Remote Client, or Print Manager-APP selection dialog contains RDOs, the *.con directories are displayed and not hidden. On other operating systems, the *.con directories are hidden.

WorkCentre 5665/5675/5687, 7655/7665/7675, 7425/7428/7435, 7328/7335/7345/7346 printers

- No job ticketing support from Output Manager or JMF Service.
- Specifying stock by name is not supported.
- All jobs are submitted as PostScript with a PostScript job ticket using setpagedevice commands.
- PCL and ASCII files are not supported because the printer cannot process a job with a mix of PostScript and PCL, or PostScript and ASCII.
- If the user wants to submit PCL or ASCII jobs with no ticketing, they can setup a generic print path.
- Imposed jobs with 2-sided printing (signature book jobs) print incorrectly. The backsides of all pages are rotated 180 degrees.

Workaround from Process Manager:

The user should select the opposite duplexing method (head to toe) when imposed documents are created or used with a print node in Process Manager.

Workaround from Express to Print:

- a. Print the job to file.
 - b. Clear all documents in Document Table.
 - c. Change Template to Basic Print.
 - d. Insert print to file document from step a) above.
 - e. Change Sides Imaged to Head to Toe.
 - f. Select your Work Centre printer and print again.
- WorkCentre printers do not provide correct status when in sleep mode

Avoidance:

Make sure the WorkCentre printer is not in sleep mode and that no input trays are open, no cover or scanner doors are open, and no output locations are full when accessing printer status

Workaround:

Exit the sleep mode on the WorkCentre printer, close all input trays, close all cover or scanner doors, and empty all output locations before accessing the WorkCentre printer status.

- WC56XX WorkCentre printers do not provide correct status when output tray is full and input tray is opened.

Avoidance:

Make sure the WorkCentre printer input trays are not open, cover or scanner doors are not open, and output locations are not full when accessing printer status.

Workaround:

On the WorkCentre printer, close all input trays, close all cover or scanner doors, and empty all output locations before accessing the WorkCentre printer status

Xerox iGen4 220 Perfecting Press

- FreeFlow Print Server job level resolution is not displayed in the IQ GUI. For now, FreeFlow Print Server honors a resolution setting from FreeFlow but there is no way to view or to change the setting on the FreeFlow Print Server UI. Currently, FreeFlow Print Server only displays resolution at the Queue level.
- Pad Printing is NOT supported by the FreeFlow Print Server IPP gateway and is not supported on the iGen4 220 through FreeFlow Output Manager.
- Exception pages do not support sides imaged. Exception pages do not work unless the exception page range ends on a duplex sheet boundary or the job is simplex.
- Simplex covers (print on side one) are supported for simplex jobs only. Simplex jobs only support printing on side one of the cover. Duplex covers (print on both sides) are supported for duplex jobs only.
- Insert sheets cannot be between the front and back of a duplex page (after an odd page of a duplex job).
- Mixed plex jobs are not supported (simplex & duplex in one job).
- FreeFlow Output Manager does not propagate default values from FreeFlow Print Server queues to Output Manager, so you will not see the print server queue defaults in FreeFlow Status. In Output Manager, you can configure the Output Manager queue to set defaults for attributes on the Output Manager queue. Once the defaults are set, FreeFlow Status displays the settings. The behaviors for job handling of defaults are similar in Output Manager and FreeFlow Print Server. If a default is set on an attribute at an Output Manager queue and a job is submitted without specifying the attribute, the default value is applied to the job. The difference between the print server and Output Manager is that the print server has an override option where the queue default value can override an existing value when the job is received at the print server.
- Destination Profiles listed in FreeFlow Output Manager do not match the Destination Profiles supported on the FreeFlow Print Server connected to a Xerox iGen4 220 Perfecting Press.

Avoidance:

Program the job Destination Profile at each FreeFlow Print Server. This setting must be programmed at both FreeFlow Print Servers.

Workaround:

Program the job Destination Profile at each FreeFlow Print Server. This setting must be programmed at both FreeFlow Print Servers.

- FreeFlow Output Manager does not display 300 dpi as a supported halftone value for the iGen3, iGen4 and iGen4 220 Perfecting Press. Output Manager displays Stochastic as a supported halftone value, which is mapped to 300 dpi on FreeFlow Print Server

Workaround:

For jobs requiring a halftone value of 300 dpi, select Stochastic from the Output Manager UI.

Xerox Color 800/1000 Press with FreeFlow Print Server 8.0

- FreeFlow Print Server does not support the following job ticketing attributes via IPP, and the attributes do not display and cannot be programmed from FreeFlow Output Manager:

- Media Types - Postcard, Film (Synthetic), Textured/Embossed
- K100 % High Resolution Anti-Aliasing

Workaround:

Output Manager users can set up FreeFlow Print Server queue defaults for these missing attributes. Another workaround would be to configure the print path as LPR / XPIF for Output Manager.

- Selecting Color Mode in the FreeFlow UI does not set the corresponding Color Mode setting on the FreeFlow Print Server. For example, when Color Mode is set to Grayscale in the FreeFlow UI, the Color Mode setting on the FreeFlow Print Server remains unchanged and is left set to Black Only. This is working as intended. The Color Mode setting in FreeFlow, found under the Image Quality / Color Adjustments tab, is not a job ticketing attribute, and does not map to the FreeFlow Print Server. It is used to control available Image Quality selections in the FreeFlow UI.
- FreeFlow Offset options of Between Sets, Between Subsets, and Between Sets and Subsets all map to the FreeFlow Print Server option of Each Set and Stack. The output is correct based on the FreeFlow setting.

Xerox Color 800/1000 Press with EX Print Server 1.0

- FreeFlow Clear Coat attributes do not always map to the EX Print Server Clear Dry Ink Mode.

Workaround:

Restart the EFI IPP Server on the EX Print Server. From the Start Menu on the EX Print Server, perform the following steps:

- Right Click on My Computer
 - Select Manage
 - Go to Services and Applications
 - Select Services
 - Sort by name
 - Highlight the EFI IPP Server
 - On the Left side select Restart
 - Resubmit the job from FreeFlow
- Jobs with staple finishing on the right applied with Z Fold Half Sheet - Right Bind result in output with the staple and bind on the Left edge of the page.

Avoidance:

Do not combine Z Fold Half Sheet - Right Bind with any staple finishing.

Workaround:

Send the job to the EX Print Server hold queue and override the job properties using Command Workstation.

Xerox Color 800/1000 Press with CX Print Server 1.0

- Selecting Bi-fold - Print Inside from FreeFlow results in the text printed on the outside of the folded page

Workaround:

When sending a Bi-Fold - Print Inside job from FreeFlow, send the job to the CX Print Server hold queue and override the job Print Order to be Face Down.

Xerox Color 550/560 with FreeFlow Print Server 8.0

- Source Color RGB profile set to Apple RGB in FreeFlow Output Manager arrives as the default (sRGB) on the FreeFlow Print Server.

Workaround

Send the job to a Hold queue on the FreeFlow Print Server and override the job Source Color RGB profile before printing the job.

- Landscape jobs with hole punch selected, punch on the opposite edge. For example, Punch=Top Portrait with 2 or 3 holes is selected for a landscape page, the punch is actually placed on the left side of the page when the holes should be on the right side.
- Two Staples Top or Bottom Portrait is selected for a landscape job. The staples are placed on the left side of the landscape page when the staples should be on the right side of the page.
- One Staple Top Left or Right Portrait staples on the opposite corner of a landscape page on 8.5x14 inch or 11x17 inch stock.

Workaround for the above:

Send the job to a Hold queue on the FreeFlow Print Server and override the finishing attributes before printing the job.

Xerox Color 550/560 with EX Print Server 1.0 or Integrated Fiery Color Server 1.0

- RDOs submitted with a finishing attribute that requires Short Edge Feed stock fault at the print server with the error Finishing not possible for selected paper feed direction. Short edge feed finishing attributes include: 2 Staples, Center Staple Top/Bottom Portrait, Punch Top/Bottom Portrait, C Tri-fold, Z Tri-fold, and Bi-fold. This issue is applicable only to RDO files. Other files types, such as PostScript and PDF, print correctly.

Workaround

At the print server, select View Properties. Select the Media Tab and set the Paper Size to a short edge feed stock. Print the job.

- Landscape jobs with finishing print with the finishing applied to the opposite edge of the page.

Workaround

To apply finishing to landscape jobs correctly from FreeFlow applications, set the Orientation in FreeFlow to Landscape before submitting the job to the print server.

- Bi-fold finishing options are not available in FreeFlow applications.

Workaround

Send the job to a Hold queue on the print server and override the finishing attributes before printing the job.

Supported printers

This section provides a list of supported production printers and Digital Front Ends for use with FreeFlow software.

Printer	Digital Front End
DocuTech / DocuPrint 65	DocuSP 2.0 DocuSP 2.1
DocuTech / DocuPrint 75	DocuSP 3.8
DocuTech / DocuPrint 90	DocuSP 3.8
DocuTech 135	DocuTech Network Server DocuTech Network Service - J 1.4.0 NS Plus 2.1 NS + Server Series 4.0
DocuTech Publisher 6100 6115 6135 6155 6180	DocuSP 1.4J (for 6135/6180 only) Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 (SP3)
DocuTech 128/155/180 Highlight Color (DocuPrint 180 IOT configuration)	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 (SP3)
DocuTech 128/155/180 Highlight Color (DocuTech IOT configuration)	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 (SP3)
Nuvera 100 DC/P Nuvera 120 DC/P Nuvera 100 DPS Nuvera 120 DPS Nuvera 144 DPS Nuvera 100/120/144 EA DPS (Not DocuSP 5.0) Nuvera 288 Digital Perfecting System (Not DocuSP 5.0) Xerox Nuvera 200 EA Perfecting Production System	DocuSP 5.0 (legacy only) DocuSP 51 Xerox FreeFlow Print Server 7.0 (EA versions)

Printer	Digital Front End
DocuPrint with NPS server DocuPrint 92C / 600 NPS DocuPrint 96 NPS DocuPrint 180 NPS DocuPrint 4050 NPS DocuPrint 4090 NPS DocuPrint 4635 NPS DocuPrint 4850 NPS DocuPrint 4890 NPS	DocuPrint Server
DocuPrint with DocuSP server DocuPrint 100 EPS DocuPrint 115 EPS DocuPrint 135 EPS DocuPrint 155 EPS DocuPrint 180 EPS	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 (SP3)
DocuPrint Continuous Feed configurations DocuPrint 350 DocuPrint 500 DocuPrint 700 DocuPrint 1000	DocuSP 4.2 DocuSP 51
DocuPrint 425 DocuPrint 525 Xerox 650 Continuous Feed Printing System DocuPrint 850 DocuPrint 1050 Xerox 1300 Continuous Feed Printing System	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0
Xerox 490 Color Continuous Feed Printing System Xerox 980 Color Continuous Feed Printing System	Xerox 490 Controller 1.2 (LPR support only) Xerox 980 Controller 1.2 (LPR support only)
Xerox 495 Continuous Feed Printing System	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0
EX2101	Fiery EX2101 2.0 LPR
Xerox 510 Xerox 721 Xerox 6030/6050 Wide Format Solution	AccXES 10.2
Xerox 8142/8160 Wide Format Solution	Xerox Wide Format Color RIP 4.0
Document Centre 220/230/332/340/420/432/440 Document Centre 240/255/265/460/470/480/490 WorkCentre Pro 23/28/32/38/45/55/65/75/90	Document Centre Controller

Printer	Digital Front End
WorkCentre 5665/5675/5687 WorkCentre 7328/7335/7345/7346 WorkCentre 7425/7428/7435 WorkCentre 7655/7665/7675	WorkCentre
Xerox 4110	GXP 4110 DocuSP 5.0 DocuSP 51 Fiery EXP4110 1.1 IPP
Xerox 4590	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0
Xerox 4595 EPS	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 (GXP controller supported with GXP 4110 compatibility path)
Xerox 4112 / 4127 EPS Xerox 4112 / 4127 Copier/Printer	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 Fiery Print Controller 2.0 IPP Fiery Print Controller 2.5 IPP Integrated copy / print server 2.0 Integrated copy / print server 3.0
Document Centre 1100/900	DocuCentre
DocuColor 3535	EX3535 2.0 (LPR only)
DocuColor 240/250	DocuSP 51 Fiery EXP250 1.0/1.1 IPP
DocuColor 242/252/260	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 CX260 2.0 Fiery EX260 2.0 IPP Integrated Fiery Color Server 2.0
Xerox Color 550/560	Xerox FreeFlow Print Server 8.0 (SP1) EX Print Server 1.0 Integrated Fiery Color Server 1.0 (EFI embedded)

Printer	Digital Front End
Xerox 700 Digital Color Press	Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 EX Print Server 1.0 EX Print Server 1.5 Integrated Fiery Color Server 1.5 (EFI embedded) CX Print Server 1.0 CX Print Server 1.5 PX700 Print Server 4.0 (FX Market only) PX700 Print Server 4.1 (FX Market only)
DocuColor 2045	EX2000D 3.0 LPR CXP6000 4.1 DocuSP 5.0 DocuSP 51
DocuColor 2060	EXP5000 2.0 IPP EXP5000 2.0 LPR EX2000D 3.0 LPR CXP6000 4.1 DocuSP 5.0 DocuSP 51
DocuColor 5000 Digital Press DocuColor 5000AP Digital Press	DocuSP 51 (base 5000 only) Xerox FreeFlow Print Server 6.0 (base 5000 only) Xerox FreeFlow Print Server 7.0 (DC5000AP only) CXP50 1.0 EX50 2.0 IPP
DocuColor 5252	DocuSP 5.0 DocuSP 51 EXP5000 2.0 IPP EXP5000 2.0 LPR EX2000D 3.0 LPR CXP6000 4.1
DocuColor 6060	DocuSP 5.0 DocuSP 51 EXP6000 3.0 IPP EXP6000 3.0 LPR CXP6000 4.1

Printer	Digital Front End
DocuColor 7000 Digital Press DocuColor 7000AP Digital Press	DocuSP 51 (base 7000 only) Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 (SP1) CXP8000 3.0 CXP8000 1.0 (AP only) EXP8000 2.0 IPP (not for DC7000 AP) EXP8000 3.0 IPP (not for DC7000 AP) EX8000AP 1.0 IPP (for DC7000 AP)
DocuColor 8000 Digital Press DocuColor 8000AP Digital Press	DocuSP 51 (base 8000 only) Xerox FreeFlow Print Server 6.0 Xerox FreeFlow Print Server 7.0 (SP1) EXP8000 3.0 IPP (not for DC8000 AP) EX8000AP 1.0 IPP (for DC8000 AP) CXP8000 3.0 CXP8000 1.0 (AP only)
DocuColor 7002 Digital Press	FreeFlow Print Server 7.0 EX Print Server 1.0 CX Print Server 1.0
DocuColor 8002 Digital Press	FreeFlow Print Server 7.0 EX Print Server 1.0 CX Print Server 1.0
Xerox Color 800/1000 Press	FreeFlow Print Server 8.0 (SP1) CX Print Server 1.0 EX Print Server 1.0 PX 1000 Print Server 5.0 (FX Market only)
Xerox iGen3 Digital Production Press	DocuSP 51 Xerox FreeFlow Print Server 6.0 Creo Spire 5.0 Fiery iGen3 Q5000/Q5500 3.0 IPP Fiery iGen3 Q5000/Q5500 4.0 IPP
Xerox iGen4 90/110 Digital Production Press	Xerox FreeFlow Print Server 7.0 Xerox FreeFlow Print Server 8.0 (SP1) CX Print Server 1.0 CX Print Server 2.0 EX Print Server 1.0
Xerox iGen4 220 Perfecting Press	FreeFlow Print Server 7.0 (SP3)

