

VI Compose Upgrade Instructions for Windows FreeFlow Print Server Devices

August 28, 2015

Use these instructions to upgrade the VI Compose software on all devices driven by the Windows FreeFlow Print Server (FFPS).

Customized file backup

During an upgrade, customized VIPP files located in %XPS_HOME2%\resources\xgf\src and %XPS_HOME2%\resources\xgf\encoding are overwritten with new files of the same name. To prevent the loss of data in those customized files, the installer automatically copies them to %XPS_HOME2%\resources\xgf_backup before the new files are installed. When customized files exist in the xgf_backup directory, it is your responsibility to merge the customized contents of those files with the new versions.

NOTE

If the resources\xgf directory cannot be found at "C:\Program Files (x86)\Xerox-PS\", the current default setting for the environment variable XPS_HOME2, obtain the value of XPS_HOME2 as follows: Click on the Windows Start icon, right click on Computer, select Properties, click on Advanced system settings, select the Advanced tab, click on the Environment Variables... button and scroll down in the System variables menu to locate XPS_HOME2.

Typically, customization is done in one of the following files. Even though the following files will be backed up during an upgrade installation, Xerox recommends that additional copies of all customized files be stored external to the system or printed as hardcopy backup. This is extremely important if the customized file is not included in the list below.

xgf\src\arb.def	Arabic configuration file
xgf\src\cjk.def	Asian configuration file
xgf\src\xgf	VI Compose startup file
xgf\src\xgf.bat	Background attribute (BAT) keys
xgf\src\xgf.def	VI Compose system defaults
xgf\src\xgf.gep	Color and graphical element property (GEP) keys
xgf\src\xgf.mup	Multi-Up definitions
xgf\src\xgf.pcc	Standard pcc definitions
xgf\src\xgfunix.run	VI Compose startup definition file
xgf\encoding\fontlist	Generic format encoding font list
xgf\encoding\nullfl	Null encoding font list

NOTE

Any previous customization of the VI Compose environment will not be valid in a new upgrade. Copying old files has the potential of rendering new functionality unusable. Any customization will have to be repeated in the new files after a successful upgrade.

Software upgrade installation

This section contains software upgrade installation instructions for VI Compose on Windows FFPS devices.

On Windows FFPS supporting FFPS Update Manager, use Update Manager to upgrade to the latest available VI Compose software. Refer to your Windows FFPS documentation for additional information. If not using Update Manager then follow the steps below:

1. Download the VI Compose .iso file to Windows FFPS and either burn the .iso to a CD or extract its contents using a utility such as WinRAR. Go to the Windows_FFPS folder.
2. You will see four files: updateVIPP.bat, XRXxgf.msi, readme.txt and VComposeUpgradeInstallationInstructions_WindowsFFPS.pdf which is the most up-to-date copy of these instructions.
3. Stop the Windows FFPS software if it is currently running.
4. Execute the updateVIPP.bat installation script via a Windows PowerShell or Command Prompt with administrative privileges:

```
C:\>.\updateVIPP.bat
```

The installation script will check the environment setup and look for an existing version of VI Compose software. If the VI Compose software wasn't previously installed via the Windows FFPS installer, the following message will be displayed and the upgrade installation process will terminate:

```
"Update Failed."  
"FFPS must have been installed on this system prior to running updateVIPP.bat"
```

When VI Compose software is found, the upgrade installation will proceed and the following messages will be displayed indicating that the above mentioned files in xgf\src and xgf\encoding are being backed up:

```
Backing up files in the xgf\encoding and xgf\src directories...  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
1 file(s) copied.  
  
Select the appropriate default media setting for your area:  
1: A4  
2: USLetter  
The default is "2".  
[1/2] -> 1
```

5. When the backup is complete, you will be prompted to select the version of software to install: "US Letter" or "A4". After doing so, the previous version of VI Compose will be uninstalled and VI Compose with the selected media will be installed as indicated on the following page.

```

Beginning uninstall of UI Compose...
Beginning install of UI Compose with "A4" media...
Modifying the paths in xgf, xgfunix.run, and startupUIPP.ps...

Note that the following values may be different from the environment variables of the same name.
A common difference is that back slashes may have been changed to forward slashes.
XPS_UIPP_HOME:
  C:/Program Files (x86)/Xerox-PS/
XPS_HOME:
  C:/Program Files/Xerox-PS/
XPS_UIPP_DATA:
  C:/ProgramData/Xerox-PS/
XPS_DATA:
  C:/ProgramData/Xerox-PS/
UIPP_XGF_DIRPATH:
  C:/Program Files (x86)/Xerox-PS/resources/xgf/
UIPP_XGF_STARTUPFILE:
  C:/ProgramData/Xerox-PS/data/ripService/ps/Startup/startupUIPP.ps
UIPP startup file in XPS_HOME:
  C:/Program Files/Xerox-PS/data/ripService/ps/Startup/startupUIPP.ps
UIPP_XGF_SPOOLFILE:
  C:/ProgramData/Xerox-PS/data/xgfc/temp/xgfspool
xgf file path:
  C:/Program Files (x86)/Xerox-PS/resources/xgf/src/xgf
xgfunix.run file path:
  C:/Program Files (x86)/Xerox-PS/resources/xgf/src/xgfunix.run

Product Family Name:  Edmonton.

Using the 'Drive:' format:
  C:/Program Files (x86)/Xerox-PS/
  C:/ProgramData/Xerox-PS/
  C:/ProgramData/Xerox-PS/data/xgfc/temp/xgfspool

Modified: C:/Program Files (x86)/Xerox-PS/resources/xgf/src/xgf
Modified: C:/Program Files (x86)/Xerox-PS/resources/xgf/src/xgfunix.run
Modified: C:/ProgramData/Xerox-PS/data/ripService/ps/Startup/startupUIPP.ps
Modified: C:/Program Files/Xerox-PS/data/ripService/ps/Startup/startupUIPP.ps

VIC was successfully installed.
Update completed.

```

Following the installation of VI Compose, paths in the xgf, xgfunix.run, and startupVIPP.ps files will be updated with the appropriate format for the system on which VI Compose was installed. The vipconvert.joboptions file will also be updated if necessary.

6. Restart the Windows FFPS software and follow the steps in the next section to validate the VI Compose software upgrade installation.

VIPP Golden Job

To validate the installation, run the VIPP Golden Job. Note that some knowledge of Windows FFPS is required.

1. At the Xerox FFPS window, log on as System Administrator.
2. Program paper trays 1, 2, and 3 with the paper stocks shown in the table below.

Tray	Size	Color	Type	Stock Name
1	US Letter or A4	White	Yellow	Unspecified
2	US Letter or A4	White	Green	Unspecified
3	US Letter or A4	White	Plain	Unspecified

3. Load paper trays 1, 2, and 3 with the paper stocks programmed in the previous steps.

4. Submit the demo job `.. \xgf\demo\go1.jobv`

The completed job should consist of 43 single-sided pages. Pages 1 and 43 are printed on Tray 1 stock (yellow); pages 8, 10, and 25 through 27 are printed on Tray 2 stock (green), and the remaining pages are printed on Tray 3 stock (plain).