Navigator HP DFE Installation Process

The Xitron HP DFE is a software interface to connect to HP modular print bar equipped print engines. For a successful installation, please follow the guidelines laid out in this document.

Please make sure you are installing on a dedicated platform. Here are the basic specifications we expect dealer and/or customer-sourced computers to adhere to.

- Windows 10 Pro operating system
- 3 GHz Dual/Quad-Core Processor or higher
- 8 GB RAM or higher
- 500 GB Hard Drive (1 TB or higher is recommended).
- 100/1000 Network Interface Card with Rj45 ethernet port. (WiFi is NOT supported).
- One available USB 2.0/3.0 port for server dongle (USB software key).

Before the installation of the software, prepare the operating system following the steps below.

- 1. The "user" account that the operators are accessing the software needs to have *Local Administrator* rights.
- 2. Access the User Access Control (UAC) and set to "Never notify".

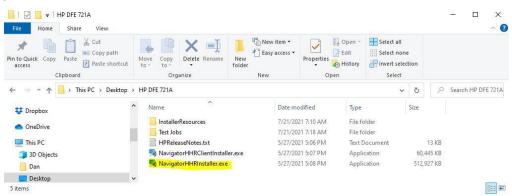
ust	t your computer's settings						View by:	Large icons	÷
1	Administrative Tools		AutoPlay	*	Backup and Restore (Windows 7)		BitLocker Drive Encry	ption	
Į	Color Management		Credential Manager	P	Date and Time	6	Default Programs		
l	Device Manager		Devices and Printers	G	Ease of Access Center	E	File Explorer Options		
9	File History	A	Fonts	D	Indexing Options	P	Internet Options		
	Keyboard	0	Mail (Microsoft Outlook)	0	Mouse	1	Network and Sharing Center	3	
	Phone and Modem	8	Power Options	à	Programs and Features	head	Realtek HD Audio Ma	anager	
1	Recovery		Region	-	RemoteApp and Desktop Connections	p	Security and Mainter	nance	
	Sound	Ą	Speech Recognition		Storage Spaces	0	Sync Center		
1	System	1	Taskbar and Navigation		Troubleshooting	88	User Accounts		
	Windows Defender Firewall	6	Work Folders						
C N	Jser Accounts Control Panel Home Manage your credentials Manage your file encrypti retificates Configure advanced user profile properties Change my environment ariables	ion	Make chan Make char	ges t nges to ser Acc	Items > User Accour to your user accou to my account in PC set count Control settings counts	unt tings		4	2
P									

<u>e more about Us</u> ways notify	helps prevent potentially harmful programs from making changes to yo er Account Control settings		
	 Never notify me when: Apps try to install software or make changes to my computer I make changes to Windows settings 		
	1 Not recommended.		

- 3. Disable the Windows Firewall settings. If a domain is managing them, contact IT to disable the software before the installation.
- 4. All anti-virus software needs to be disabled during the installation. Upon completing the software installation, Xitron software will need to be whitelisted within the anti-virus software once activated again.
- 5. The following TCP network ports should be open and accessible. 80, 139, 443, 445, 515, 1947, 3910, 3911, 5354, 5355, 8080, 9100, 9106, 9111, 11,000.
- 6. The following UDP network ports should be open and accessible. 68, 137, 138, 161, 162, 427, 546, 3702, 5353, 5355.
- 7. HP Printer should be configured with an IP address and primed with ink before you start the Navigator HP DFE software installation.

HP DFE software installation

- 1. Download the current version of the software which can be found on our website.
- 2. Unzip the downloaded zip, open the folder, and run the HHR installer by double-clicking on it.



3. Follow the prompts during the installation process.

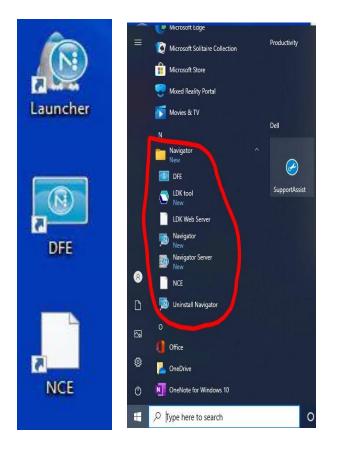
👼 Navigator - InstallAware W	zard — 🗆 🗶					
3	Welcome to the InstallAware Wizard for Navigator					
	The InstallAware Wizard will install Navigator on your computer.					
	WARNING: This program is protected by copyright law and international treaties.					
	To continue, click Next.					
	< Back Next > Cancel					
Navigator - InstallAware Wizard – License Agreement Please carefully read the following license agreement.						
XITRON SOFTWARE L	ICENSE AGREEMENT					
This is a legal a individual or an installing this s to be bound by th you do not agree Xitron is unwilli the software, and If you do not agr	greement between you (either an entity) and Xitron, LLC. By oftware product you are agreeing e terms of this agreement. If to the terms of this agreement, ng to grant you a license to use you may not use the software. ee to the terms of this complete the installation of					

🐞 Navigator - InstallAware Wizard	0 X
Destination Folder Select folder where setup will install files.	5
Install Navigator to: <u> c:Wavigator</u>	Change
Destination Folder Required Disk Space: Remaining Disk Space:	1, 129 MB 898, 153 MB
	< Back Next > Cancel
👼 Navigator - InstallAware Wizard	— 🗆 X
Processing Navigator The program features you selected are beir	ig configured.
Please wait while the InstallAwa take several minutes. Status: PitStopLibraryAB.dll, 14% comp	are Wizard installs Navigator. This may
	< Back Next > Cancel
Configure IP Address	– 🗆 X
Enter the IP addre	ess for your printer:
Save Exit	

4. Once you have entered the IP address, select the finish button on the final installer window.



5. Upon completion of the installation process, you will now find a few shortcuts for launching our software on your desktop and shortcuts in the Navigator folder located in the start/programs option.



6. The DFE is launched by first selecting the launcher Icon, launching the rip, spoolers, logging services, and the configuration client.



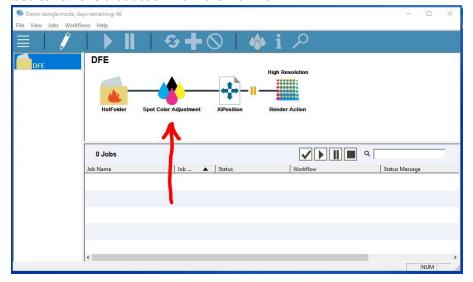
7. The Configuration client has security built-in, and when it first launches, it will ask for authentication. It will most likely be the first component that will catch your attention and require initial authentication.



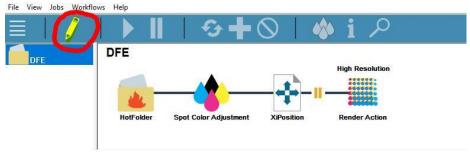
8. The configuration client has two default users, "User" with a capital "U" or "Administrator," with a capital "A." Neither of these users has a password, so leave that field blank.

Log In			×
User Name	User	Autor	natic Log In
Password		Reme	ember Password
Server	Navigator Server	•	
ок	Cancel	Find Servers	Add Server

9. Once authenticated, the configuration client launches with a preconfigured workflow. The default is to load the spot color option. If the version of DFE purchased did not include the Spot Color Adjustment, you would need to remove that action from the workflow.



10. To remove the Spot Color Adjustment option, select the edit workflow option.



11. Once the edit window opens, right-click on the Spot Color Adjustment Action, and delete.

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II RIPs PDF Output	DFE HelFolder	Delete Step Spot Color Adjustment	XPosition	High Resolution

12. The server also launches when the desktop launcher link is activated. You may not notice that the server is running since it launches and minimizes itself into the taskbar.



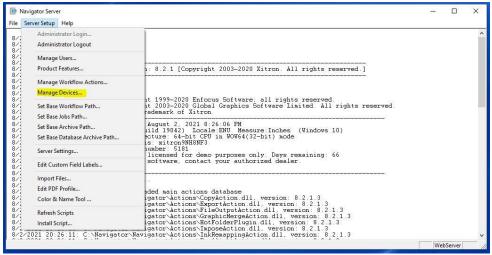
13. To access the editable configurations of the server, your first must log in to the server.

	Administrator Login			 _
	Administrator Logout			
	Manage Users			
	Product Features	h: 8.2.1 [Copyright 2003-2020 Xitron. All rights reserved.]		
1	Manage Workflow Actions			
	Manage Devices			
	Set Base Workflow Path	ht 1999-2020 Enfocus Software; all rights reserved. ht 2003-2020 Global Graphics Software Limited. All rights reserved. rademark of Xitron		
	Set Base Jobs Path	August 2, 2021 8:26:06 PM		
	Set Base Archive Path Set Base Database Archive Path	hild 19042) Locale:ENU Measure:Inches (Windows 10) ecture: 64-bit CPU in WOW64(32-bit) mode		
		is: xitron9MH80F3 humber: 5181 licensed for demo purposes only. Days remaining: 66		
	Server Settings			
	Edit Custom Field Labels	software, contact your authorized dealer.		
	Import Files			
	Edit PDF Profile	aded main actions database		
	Color & Name Tool	igator\Actions\CopyAction.dll, version: 8.2.1.3 igator\Actions\ExportAction.dll, version: 8.2.1.3		
	Refresh Scripts	igator Actions Scholder action dll, version: 8.2.1.3 igator Actions Scraphic Merge Action. dll, version: 8.2.1.3		
	Install Script	igator Actions HotFolderPlugin dll, version: 8.2.1.3 igator Actions InposeAction dll, version: 8.2.1.3		

14. The server, just like the client, has two users, "Administrator" or "User," with no passwords.

Server Login		×
User Name Password	Administrator	
	OK Cancel	

15. Scroll down to the devices option and select.



16. Once the Manage devices window opens, there should already be an FI-1000 device created. Select the **"Stop** Thread" button highlighted in the screenshot. This will stop the active threads and allow you to make edits. Edit the device name, IP address of the printer, and the port you are using for the webserver.

Device Name:	Device Type:	Device Configuration
FI-1000	HP1000	Device Name: FI-1000
		IP Address: 192 . 168 . 1 . 1
		IP Port. 8080
		Thread Control
		Start Thread Stop Thread Restart Thread
		Thread State: Running
ort 15		
+ -		
	Apply	- r

17. Leave the device name FI-1000.

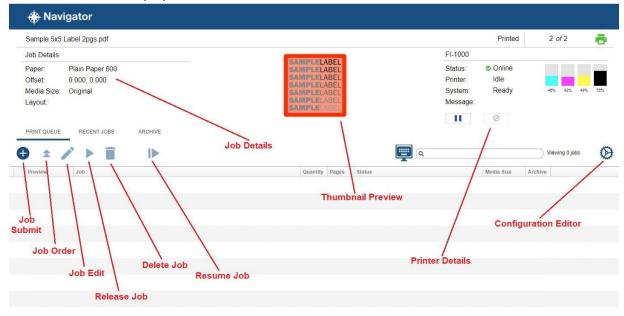
- Change the IP address to reflect the actual IP address of the HP engine.
- Select port 80 unless there is a conflict with that port (highly unlikely).
- Select "Start Thread" once you have completed your edits.

Address: 10 126 123 148 Port: 80
Port: 80
- Thread Control
Start Thread Stop Thread Restart Thread
Thread State: Not Running

18. The DFE icon on the desktop does not launch from the launcher shortcut and will need to be manually started.



- 19. The DFE will launch within the web browser. Chrome is the recommended browser.
- 20. The DFE Window is displayed.



21. Once the job is in the DFE print queue, it can now be edited. To access the edit window, either select the edit icon shown in the screenshot below or double-click directly on the job.

🚸 Navigator			
Sample 5x5 Label 2pgs.pdf			Printed 2 of 🖶
Job Details		FI-1000	
Paper: Plain Paper 600 Offset: 0.000, 0.000 Media Size: Original Layout: 1 Label	SAMPLELABEL SAMPLELABEL SAMPLELABEL SAMPLELABEL SAMPLELABEL SAMPLELABEL SAMPLELABEL	Status: Printer: System: Message:	Online Idle Ready
⊕ ☆ <mark>/</mark> ▶ Î ►			Viewing 1 jobs
Preview Job Sample 5x5 Label 2pgs.pdf	Quantity Pages Statu 1 2 Pages	used	Media Size Archive Original

22. The screen capture below is the Full Job Editor. It can also be displayed in a Quick Edit mode that offers fewer options to manipulate the job.

		Quick Edits Full Job Editor
	Offset Inches	Media
		Size HP Default 🗘 💭
	н 💽 🔇 🖒 🕥	Layout 1 Label
	н 💽 🔮 🛟 🕑	Color
SAMPLELABEL	v	Paper Plain Paper 300
SAMPLELABEL SAMPLELABEL	V O	+
SAMPLELABEL	Print Options	+
SAMPLELABEL	Test Print Print All Range	- +
SAMPLELABEL	Quantity Page Range	- <u>· · · · · · · · · · · · · · · · · · ·</u>
	Quality Production	Spot Colors (none)
		Preserve 100% Black
	Scaling	
	←→ 100 I 100	Queue
		Archive Cancel Print

23. Here is a rundown of the features in the full edit.

Α.		В.	Offset Inches	E. Media Size	Half Letter	
	SAMPLELABEL SAMPLELABEL SAMPLELABEL SAMPLELABEL SAMPLELABEL SAMPLELABEL SAMPLELABEL	C. D.	H 0 Collate	Color F. Paper G - - - - - - - - - - - - -	Plain Paper 600 • • • • • • • • •	
			Scaling ↔ 100 100	Archive	Cancel	Queue Print

- A. Job preview
- B. Job offset and rotation.
- C. Print Option:
 - a. Test Print sends the first page of any job to verify position and placement
 - b. Print All send the entire job to the printer
 - c. Range offers the option to send targets pages rather than the whole job
- D. Quality: This refers to the resolution of the job. Production is a 300 resolution while High Quality is a 600 resolution. These need to sync with the correct paper profile.
- E. Media:
 - a. *Size* refers to the media configurations created in the XiPosition Action within the configuration client.
 - b. *Layout* refers to step and repeat templates that are created in the XiStep Action. There are no defaults templates.
- F. Media: These are preloaded Plain Paper profiles. These settings need to sync with the correct Quality setting.
- G. Color Sliders: These allow for minor edits applied to the overall color on a job-by-job basis.
- H. Spot Colors: This option allows for changing the color recipes for spot color mixes and will enable you to save those edits as presets.

This covers the basic installation of the Xitron Navigator DFE for the HP FI-1000 printers. Are you looking for more detailed information on how the DFE interfaces with the HP engine? Resources can be found here: https://help.xitron.com/support/solutions. If you are looking for direct assistance, reach out to Xitron support at xitronhelp@xitron.com or call (734) 913-1099.