

DigiPath Customer Bulletin

Configuration: DigiPath

Release: DigiPath 4.x

DigiPath Number:	Bulletin 85
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Title: DocuTech /Nuvera 120 C/P scan back process to DigiPath.

APPROACH 1 Scan back using Hummingbird software

Potential usage: The following process instructs the user how to scan documents at the DocuTech /Nuvera 120 CP back to a DigiPath 4.X using Hummingbird software.

Note: Hummingbird software must be loaded on the DigiPath system at install in order to use Approach 1.

At the DocuTech /Nuvera 120 CP

1. Logged in as root, create a directory under the default save folder. In this example we will name the folder digipath. The user will also change the rights to 777 (read, write and execute for the owner, group and world).

2. Type the following in the UNIX terminal window:

su; input the password and select the enter key
cd /var/spool/XRXnps/saved *(The directory can be located in any location, in this example we will use the /var/spool/XRXnps/saved directory).*

mkdir digipath

chmod 777 digipath

share -F nfs -o nosuid,rw /var/spool/XRXnps/saved/digipath

Note - this line should be added to /etc/dfs/dfstab file or it will only share until the system is rebooted.

To add it type:

echo "share -F nfs -o nosuid,rw /var/spool/XRXnps/saved/digipath" >>/etc/dfs/dfstab

This will append the line to the end of the dfstab file. The user will need a valid login name and password to accomplish this.

AT THE DigiPath

1. Log on as DPAdmin or the Administrator user name

2. Launch Hummingbird Neighborhood Connectivity. The user should see a short cut for this on the desktop.

Note: If the shortcut is not on the desktop the user can launch this through Hummingbird Neighborhood.

3. Select Hummingbird Neighborhood off the desktop

4. Select File > New FTP Profile

5. Enter Hostname or IP Address

Enter a username and password for an account at the DocuTech /Nuvera120

Note – The users and Groups can be located on the DocuTech /Nuvera 120 C/P under Setup. In the Setup drop down menu select the Users & Groups option to get the users list.

6. Change Initial Directory to /var/spool/XRXnps/saved/digipath or whatever directory was assigned in the previous steps.

7. Check the box to Root to this directory

8. Select OK

Back at the DocuTech /Nuvera 120

1. Select Scan To File
2. Make sure your save directory is set to /var/spool/XRXnps/saved/digipath or whatever directory was assigned in the previous steps.
3. Make sure the save format is specified as Single-Page TIFF
4. Load the originals in the scanner and select [Start] to scan

AT THE DigiPath

1. Go back to Hummingbird Neighborhood
Note : If the DocuTech / Nuvera 120 C/P is set to High Security the user may not be able to connect. Instead of changing the security settings, check the "Enable FTP" and "Enable Remote Diagnostics" checkboxes at the server under Setup/FTP/Remote Diagnostics. The user will now be able to see files in the directory at the server. The files listed in the directory will be .formDesc, .jt, .lst, .ps, .xpf and dir.
2. The user will then copy those files into a directory on the local drive of the DigiPath.
3. Double click on the file with the formDesc extension and it will open up in Document Scan and Makeready.

APPROACH 2: Using Network Agent for scan back to DigiPath from DocuTech /Nuvera 120

Potential usage: This approach can be used to scan originals in at the printer to be pulled back to DigiPath for additional modification.

Creating a scan back directory at the DocuTech /Nuvera 120 Printer

1. Login as Administrator user.
2. Select [System] and [Unix Terminal Window] from the menu.
3. Log on as the root user.
4. Create a directory, in this example it will be as follows:
/var/spool/XRXnps/saved/digipath
5. Type chmod 777 to give rights to directory (in this example the directory is digipath)
6. Go to [Scan to File] button and input save directory as /var/spool/ XRXnps/saved/digipath which is the directory created in step 3.
7. Identify the job name given.
8. The save format should be [Single Page Tiff].
9. Load originals in scanner.
10. Select start to scan in the pages.
11. The page that was scanned should now be in the /var/spool/XRXnps/saved/digipath directory.

Creating a Network Agent Queue at the DigiPath

1. Go to the [Start] menu and select [Programs] and [Xerox DigiPath Production Software]. Chose [Printer Administration] and select [Network Agent].
2. Select [Add] in the Add/Edit Network Agent window and select the radio button for DocuTech Decomp service.

3. In the Server field enter the name of the DocuTech /Nuvera 120 CP you will be scanning back from.
4. In the queue name field enter the name of the queue on the DocuTech /Nuvera 120 CP. The Nuvera 120 CP only has one queue created on it.
Note: The queue name will be the controller name followed by an upper case VP.
5. In the printer model server type the user will select the Xerox DocuTech 120 C/P: DocuSP Server 4.0 from the drop down menu.
6. In the user name and password field input the name of the user and password on the DocuTech /Nuvera 120 C/P you will be scanning back from.
7. The server path field should contain the path of the directory you created earlier on the DocuTech /Nuvera 120 C/P. In this example we used /var/spool/XRXnps/saved/digipath.
8. Do not chose the [Log Errors] check box because it will cause erroneous errors to be generated back at the DigiPath.
9. In the save jobs to field select a Windows file system directory or a cabinet to save the files back to on the DigiPath. This directory or cabinet will be where the files reside after they are scanned back to DigiPath.

Viewing the save directory at the DigiPath

1. View the directory that was created in step 9 of the Creating a Network Agent Queue at the DigiPath instructions in this document.
2. The job name that was given in step 2 of the Scanning a document back to DigiPath from the DocuTech /Nuvera 120 C/P Printer instructions in this document should show up in the directory or cabinet as an RDO file.
3. Double click on the RDO file to open the file in Document Scan and Makeready.

APPROACH 3 Using Network Agent to retrieve files from DocuTech /Nuvera 120 C/P

Potential usage: Depending on the specific job type the user may chose to obtain the DocuTech /Nuvera 120 C/P image quality instead of using the DigiPath interpreter to render image quality.

At the DocuTech /Nuvera 120 C/P printer

1. Open a terminal window
2. The user will create the save directory on the DocuTech /Nuvera 120 C/P printer. In this example the directory path is /var/spool/XRXnps/saved/digipath.
Note: As mentioned earlier in the document the user can chose any location for the save directory.
3. If a network agent user has been created on the DocuTech /Nuvera 120 C/P make sure the user has access to the created directory.

At the DigiPath create a Network Agent Queue

1. Go to Printer Administration in the DigiPath Production Software menu and chose Network Agent.

2. Select the [add] button from the Network Agent setup window.
3. In the Add/Edit Network Agent Window select DocuTech Decomp Service radio button.
4. Under the server name, type in the IP Address or the host name of the Nuvera printer.
5. Under the Queue Name, type in the queue name on the DocuTech /Nuvera 120 C/P.
Note: The queue name will be the name of the controller followed by upper case VP.
6. Under Printer Model/Server Type select the [Xerox DocuTech 120 C/P: DocuSP Server 4.0] option in the drop down menu.
7. Input the user name and password of an account that has Read, Write and Delete rights to the created directory.
Note – The users and Groups can be located on the DocuTech /Nuvera120 C/P under Setup. In the Setup drop down menu select the Users & Groups option to get the users list.
8. Under Server Path enter the full path name of the save location that was input in step 2 at the DocuTech /Nuvera 120 C/P. In this example it is /var/spool/XRXnps/saved/digipath.
9. Do not select the [Log Errors] checkbox here, as it will cause erroneous errors to be generated if it is turned on.
10. In the [Saved Jobs To] area select a Windows File System or Cabinet location to save the files to when Nuvera sends them back.
11. Select [OK] and select [Done].

At the DigiPath create a Production Printer

1. Go to Printer Administration and select Printer Settings.
2. In Printer Settings add the DocuTech /Nuvera 120 C/P printer entering printer name, print server ip address or hostname, queue name and printer model as Xerox DocuTech 120 C/P: DocuSP 4.0.
3. Select [OK].

At the DigiPath in Quick Print

1. In Quick Print or Production Print the user will select the [Job Setup] option before submitting the job.
2. In the Destination field, set the destination to save.
3. A save dialog will appear and the IP Address of the DocuTech /Nuvera 120 C/P will appear in the server name section of the window. In the server location the user will type in the directory where the jobs will be saved. In this case the directory name is digipath. Do not type in the whole server path, just type in the save directory name.

At DocuTech /Nuvera 120 C/P

1. Select [Print] option to the left of the screen.
2. Click on the job that the user sent to the queue.
3. In the job ticket of this job you will change the type to [Single Page Tiff] from [Multi-Page Tiff].

At DigiPath

1. The user should check the directory that was set up to save jobs to during the Network Agent set up.

2. Once the files appear in the directory at the DigiPath they can be opened in Document Scan and Makeready and modified.

Expiration: Never