

IP PRINTING

Introduction

“Print via IP network” is the default connection type when setting up most VUTEK printers. It allows users to take advantage of the benefits of IP printing:

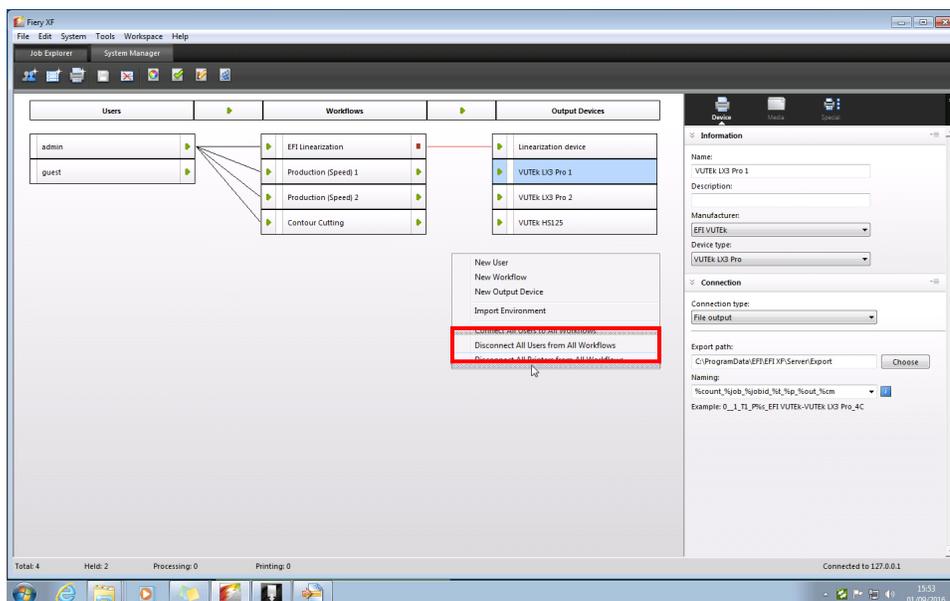
- Eliminates the task of manual job import which can be prone to error
- Helps the printer operator organize files better using workspaces
- Standardizes repetitive tasks by allowing print parameters to be assigned from prepress
- Optimizes the printer workload by enabling RIPPed jobs to be moved easily to another printer of the same model and with the same printer settings
- Sends back real-time job status messages coming from the printer
- Enables print operators to be more focused on print production
- Allows direct connectivity with EFI eCommerce and MIS solutions

The following sections explain how to set up EFI VUTEK output devices via IP.

Preparing the workflows for IP printing

Start by disconnecting all workflows connected via file output.

1. Right-click the gray area in System Manager and click **Disconnect All Printers from All Workflows**.



2. Select the Linearization device and make sure that no printer manufacturer is selected.

Linearization device
VUTEk LX3 Pro 1
VUTEk LX3 Pro 2
VUTEk HS125

Information

Name: Linearization device

Description:

Manufacturer: Select a manufacturer

Device type:

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Setting up the IP connection

Print via IP network is the default connection type when you create a new EFI VUTEK device.

Device Media Special

Information

Name: EFI VUTEk LX3 Pro 2

Description:

Manufacturer: EFI VUTEk

Device type: VUTEk LX3 Pro

Connection

Connection type: Print via IP network

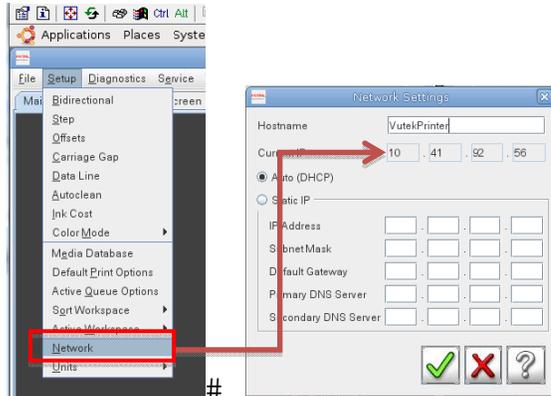
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Note: If File output is displayed, you can switch by clicking on the Connection type drop-down list box and selecting Print via IP network.

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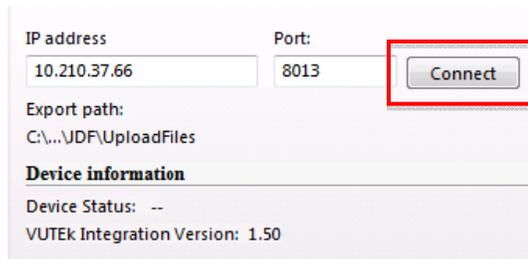
1. On the VUTEk print station, go to **Setup > Network** and make a note of the current IP.

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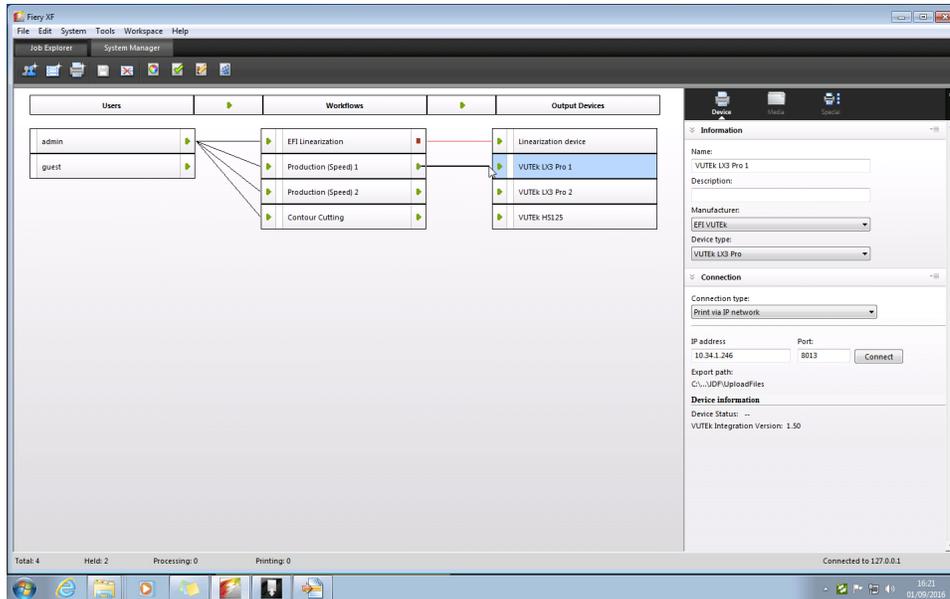
2. On the **Connection** pane, enter the IP address of the printer you want to connect to. Leave the port setting unchanged. Then click **Connect**.

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A message confirms that the connection has been successfully set up. The VUTEK integration version displayed under **Device information** indicates that a bidirectional communication exists between Fiery XF and the printer.

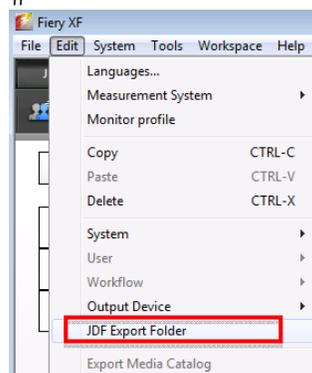
3. Connect the output device to the workflow, by dragging a line between the two. Do the same for all workflows.



Note: You need one output license to drive every physical printer. Otherwise, you will get a message that you do not have enough valid output licenses. In this case, send an e-mail to Fierywideformatsupport@efi.com to request additional output licenses.

RTL files are created on the designated export path: **E:\Export** on Fiery proServers or **C:\ProgramData\EFI\EFI XF\JDF\UploadFiles** on a non-Fiery proServer computer.

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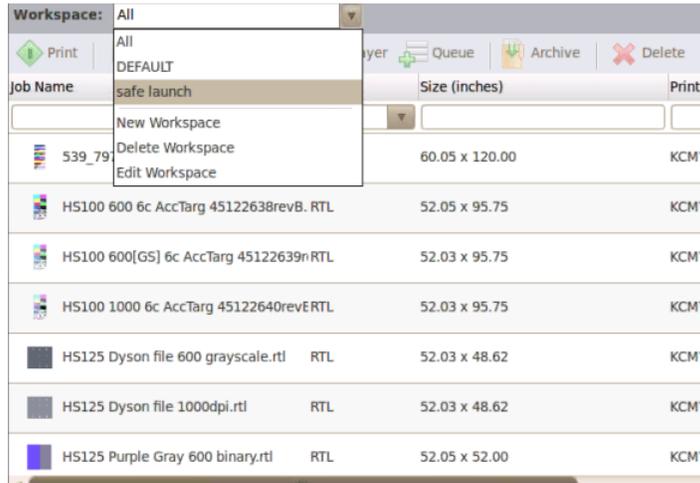
If you have a non-Fiery proServer configuration, you can change the export path by going to **System Manager > Edit > JDF Export Folder**. Click **Browse** to select a custom folder for saving your RTL, GIF and JDF files. Make sure the folder has full access rights. Click **OK** to apply.

Using Workspaces

A workspace is a more efficient way of managing jobs, instead of saving RTL files in folders. A workspace is like a print queue. It contains all the jobs to be printed on a particular day, or on a particular substrate.

On the VUTEk print station, you can create a new workspace which is automatically synchronized with a Fiery XF connected to the printer via the IP protocol. Make sure that workspace names do not have spaces in them.

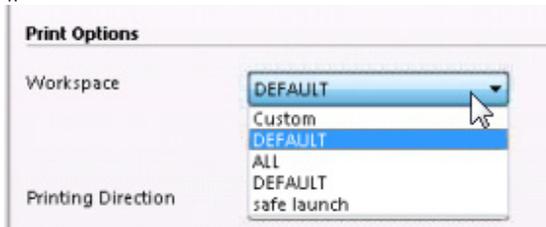
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Workspaces created on the VUTEk print station will then populate the **Workspace** drop-down list box in Fiery XF.

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Alternatively, you can create a custom workspace by choosing **Custom** and entering a preferred name for the workspace. It is recommended that you choose a workspace name that will help you to organize your jobs better.

Send a job to create the workspace on the VUTEk print station and to make it available in the Fiery XF workspace list.

Note:

- Custom workspaces are currently available for the following printer models:
HS-100 Pro and HS-125 Pro Series with Software v2+ build
All GS, QS Pro and H2000 Series with Software v4.1+ build
- Deleting and modifying workspaces can only be controlled from the VUTEk print station and not in Fiery XF.

Sending jobs to IP-enabled workflows

One of the benefits of sending jobs via an IP address is that you can monitor the progress of the job from prepress to press. This is not possible when jobs are printed to file.

Below are the statuses received by Fiery XF:

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Submitting	Job is being transferred from Fiery XF to the VUTEk print station
Submitted	The job was successfully transferred and a job preview is being built
Waiting	The job preview can be viewed at the VUTEk print station, and the job is waiting in the queue
Printing	The job is being printed
Printed	The job has finished printing

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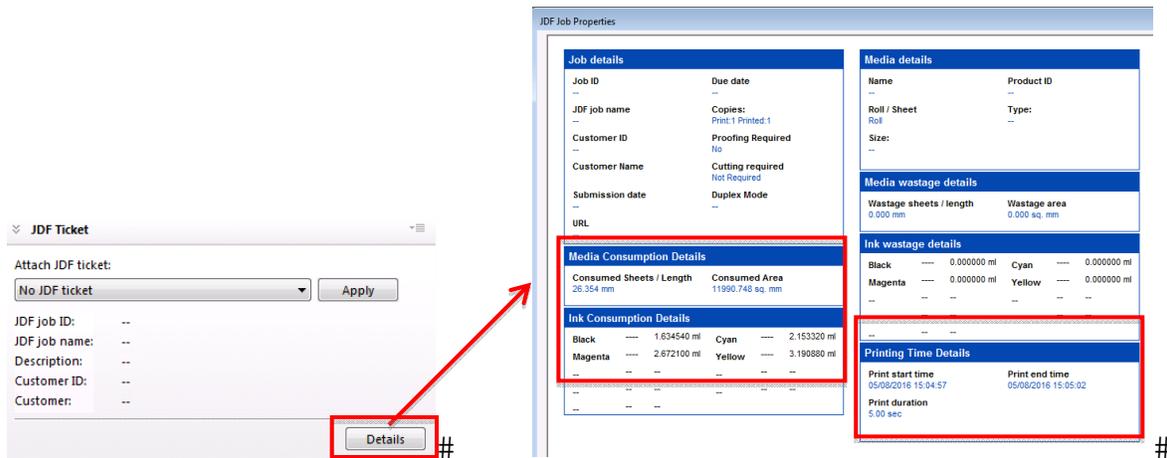
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Viewing the JDF job properties

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With IP printing, you can get useful information when the job has finished printing, e.g. media and ink consumption, printing duration, ink and media wastage (if the job was cancelled during printing).

1. With the printed job selected in Job Explorer, go to **File > JDF ticket**. Then, click **Details** to view the JDF job properties.



Frequently Asked Questions

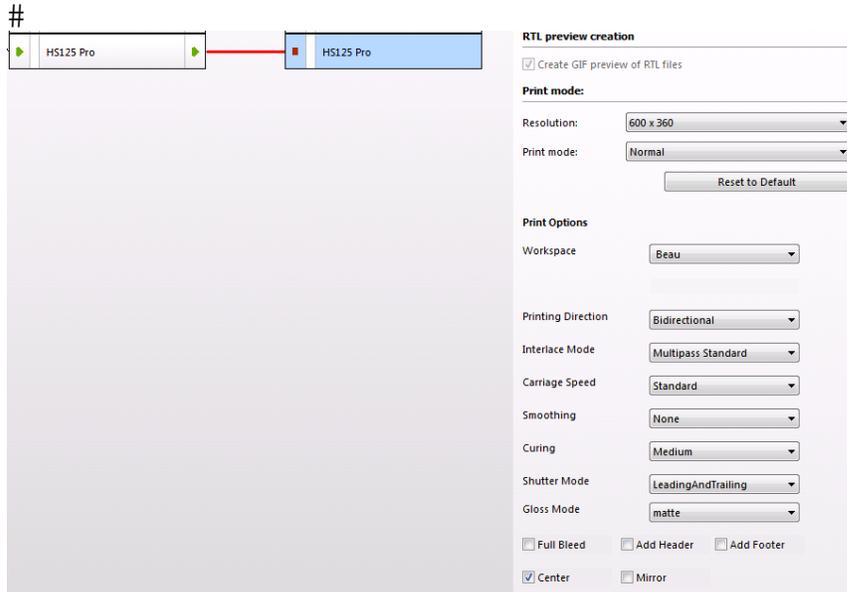
When I upgrade to Fiery XF 6.3, will my current workflows set to file output remain unchanged?

Yes, nothing will change with your workflow setup when you upgrade to version 6.3. It is only when you create a new output device that the default is set to **Print via IP network**. File output will still remain an option.

We switch off our printer in the evening. Can I still process my jobs and choose my workspace and other print options even if the printer is offline?

Yes you can, as long as you have established your connection to the printer at least once, exposing all print options available before you shut down the printer.

In addition, you need to set up your workflow in System Manager and change the given set of workspaces and print options after jobs are imported into Job Explorer.



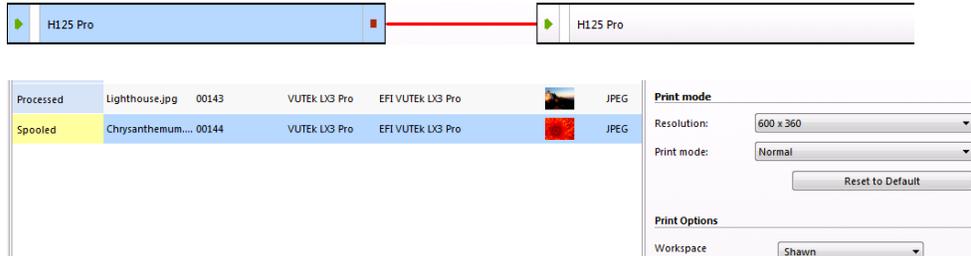
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When the printer becomes available again, go to System Manager and set the connection back online. In Job Explorer, select the jobs, and click **Print**. The jobs go from the **Processed** to the **Submitting** status which signals that they are being uploaded to the printer.

I am not sure which workspace to send my jobs to. How should I set up my workflow?

In this case, we recommend that you import the jobs as “hold jobs” so that they stay in Job Explorer as “spooled”. You can then select the workspace and other print options easily in Job Explorer and print the jobs on the fly.

Setting the connection between the workflow and printer on hold also allows you to change any other settings like media or layout options before submitting the job to the printer.



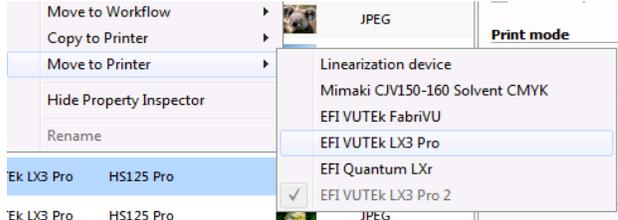
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I have processed my job to print to my VUTEk LX3 printer. The printer is busy, but my second VUTEk LX3 printer is available. Can I move my RIPed job to the second printer without processing the job over again.

As long as the second VUTEk printer is exactly the same printer model and has the same calibration settings, you can move the job between printers by right-clicking the job in the job list, clicking **Move to Printer**, and then clicking the printer name of the second printer.

Note: If the output file is moved to the second printer, the output quality may be slightly different from intended. If you wish to apply an optimization or color correction to the job, you will need to reprocess the job.

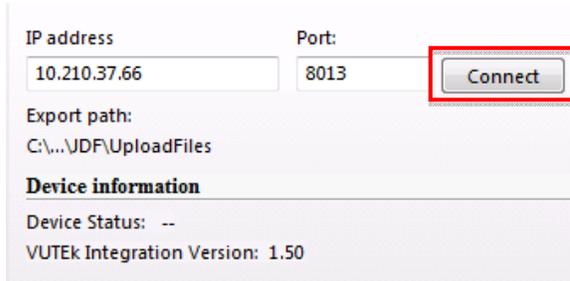
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I could not find the print options of the VUTEk print station I am connected to. How do I re-establish the communication between Fiery XF and the VUTEk print station?

Go to System Manager and click **Connect**. When you get the message that the connection is OK, go back to the **Special** tab and check whether the print options are displayed again.



The screenshot shows a web interface for connecting to a VUTEk print station. It includes the following fields and sections:

- IP address:** 10.210.37.66
- Port:** 8013
- Connect:** A button highlighted with a red box.
- Export path:** C:\...\JDF\UploadFiles
- Device information:**
 - Device Status: --
 - VUTEK Integration Version: 1.50