HP PageWide XL series

This document bridges the gap between the Fiery XF documentation and the HP PageWide XL 4000/4500/5000/8000 documentation.

Refer to the Installation section before you connect the printer to a computer.

The Operation chapter has information for profile generation and everyday use. Please refer also to the documentation shipped with your printer, which you can also download from:

http://h20564.www2.hp.com/hpsc/doc/public/display/?docId=emr_na-c04870705

Installation

The printer driver supports the printers:

- HP PageWide XL 4000
- HP PageWide XL 4500
- HP PageWide XL 5000
- HP PageWide XL 8000

System requirements

- The driver is only available for Windows.
- Products based on Fiery XF technology: EFI Fiery XF 7.1
- As license, you need XF Output Option XXL
- Windows blocks ports if it considers a network as 'Public'. The following outgoing TCP ports shall not be blocked by a firewall:
    - 80, 8085, 8086, 8090, 9101

Configure the Fiery XF output device

1. Make sure the printer is ON and not idle.
2. Start Fiery XF.
3. In **System Manager** click the Linearization device.
4. On the **Device** tab, open the Information pane, and select the HP PageWide XL 4000, 4500, 5000, or 8000 printer as the device type.
5. Open the Connection pane, type the printer IP address and click **Test**.
   Fiery XF retrieves all media information from the printer. This can take approximately one minute.
6. Make sure that the Linearization device is online.
   An online workflow has green arrows from user, to workflow, to output device.

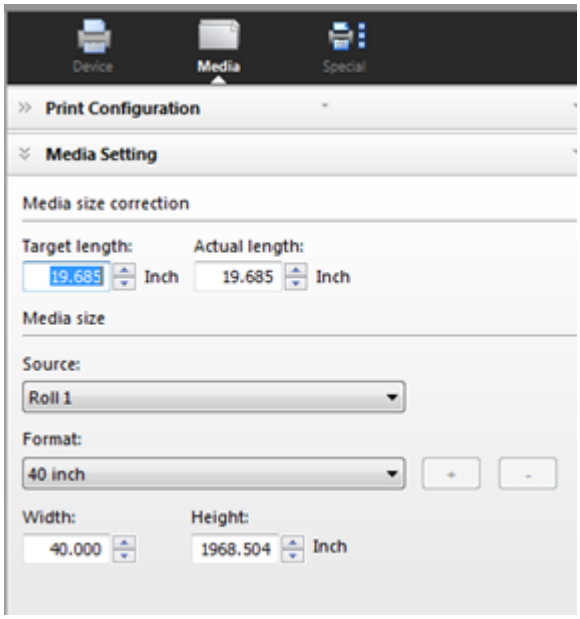
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7 Wait for three minutes.
During this time, Fiery XF downloads the media types & print modes.

8 Restart the Fiery XF server.
When you restart the server, the HP Raster Library retrieves all media types and media sources from the actual printer.

9 In Fiery XF create an output device.
You can create an output device in System Manager or by using the Setup Wizard. When prompted to select a calibration set, select the media that is loaded in the printer, and a print mode. If you receive a missing profiles error message, it indicates that the ICC profiles have not been successfully downloaded from the printer.

10 On the **Media Setting** tab, set up the paper source and media size.



11 Print any test job.

Operation

Device connection and configuration

The Fiery XF printer driver automatically retrieves information for the configured IP address. For all bidirectional data acquired from the printer, there is a backup file in the Fiery XF server's data folder. The names of these backup files follow the naming convention HpL25500_IPaddress_Type.xml, e.g. HpL25500_10.130.96.157_Config.xml.

Settings

- Media Source

  The Fiery XF printer driver offers the following margin settings:

Source	Borderless printing	Margin
Roll 1	Off	3mm

Source	Borderless printing	Margin
Roll 2	Off	3mm
Roll 3	Off	3mm
Roll 4	Off	3mm
Roll 5	Off	3mm
Roll 6	Off	3mm

The HP PageWide XL series printer can have between two and six rolls.

- Media Type

  The media type is the most important key to a number of important settings. It changes only when the media list version or the firmware version changes.

  The list of available media types comes from the latest media information that the Fiery XF printer driver has acquired from the printer.

  If the media type of a print job does not match the media type actually loaded in the printer, the Fiery XF printer driver will refuse to print. This is a safety measure to avoid damaging the media.

- Resolutions and Print modes

  The HP PageWide XL series printers support the resolutions 150dpi, 300dpi, 600dpi and 1200 dpi. These resolutions are contone data resolutions and affect only the level of detail. The actual print resolution is 600dpi.

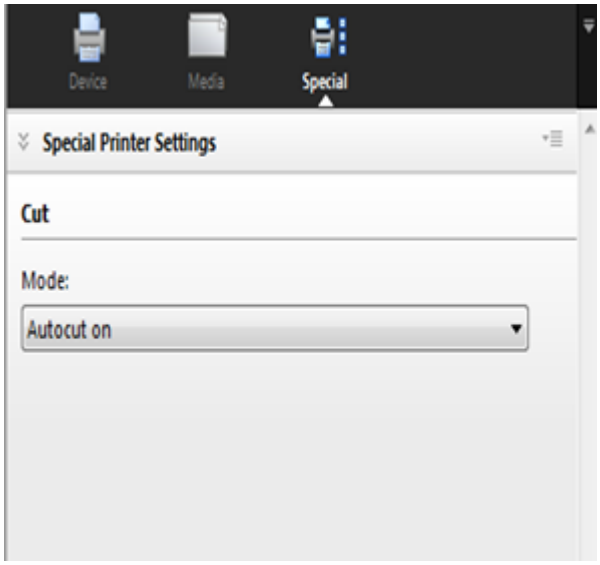
  Print mode is a key to a number of important settings, e.g. curing temperature. A print mode has two key properties:

  - Speed, e.g. 10s
  - Print quality, e.g. DRAFT, NORMAL, HIGH

  A print mode name is made up of two key parameters, e.g. “DRAFT_5s”.

- HP PageWide XL series settings on the **Special** tab

  The HP PageWide XL series printer does not have many specific settings on the **Special** tab. The settings are self-explanatory.



Print job preview

The printer driver creates a preview directly from the print data. The preview is displayed on the printer control panel, depending on the **RIP and print on the fly** setting you make for the workflow in Fiery XF.

RIP and print on the fly	Job preview
On	No
Off	Yes

The preview is only displayed if the **RIP and print on the fly** setting is off because:

- The Fiery XF preview is not created until a page has finished being processed. However, the printer requires the preview as soon as it starts printing.
- "RIP and print on the fly" means that the data is sent to the printer before job processing is completed. In other words, the preview is not available when the first set of data is sent to the printer.