

How-To:

Merge Multiple
JPEG Files Using a
Fiery Hot Folder



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Feature Overview

Fiery Hot Folders provides users with an automated method for sending print files to a Fiery server through simple drag & drop or print-to-file actions. It has a set of expert-level filters designed for Hot Folders that is included in the Graphic Arts Package, Premium Edition. These filters allow users to submit jobs in their native file formats without opening the native application. In this workflow, jobs are routed to the Fiery server with job ticketing instructions like PPD overrides, imposition attributes, and file format conversions.

Supported Filters include: JPEG, CT/LW, TIFF/IT, EPS, PS, PDF, DCS2, 1-bit TIFF, PDF2Go and ExportPS.

Fiery Hot Folders have the capability to merge JPEG, PDF and TIFF files from the same folder. This feature merges multiple files of the same format together as a single file, which allows settings such as imposition and finishing to be applied to all the files together.

Customer Benefits

- Relieves users from the repetitive task of configuring multiple jobs. Maximizes resources, reduces errors and decreases workflow redundancies.
- Saves time and increases productivity by sending files directly to printing without the need to launch an application.
- Automates document submission and preparation while saving time when dealing with complex documents.
- JPEG file merging gives user an automated and easy way to print photo booklets or contact sheets for photos.

Objectives of the Exercise

- Create and configure a Fiery Hot Folder for JPEG file-type submission for multi-file
- Enable Automatic Preflight feature (FS150 Pro only)
- Submit a folder of JPEG images to the Hot Folder
- Confirm that setting(s) achieve desired output
- Launch Preview and review thumbnails
- Launch Reader View to 'page through' the created booklet

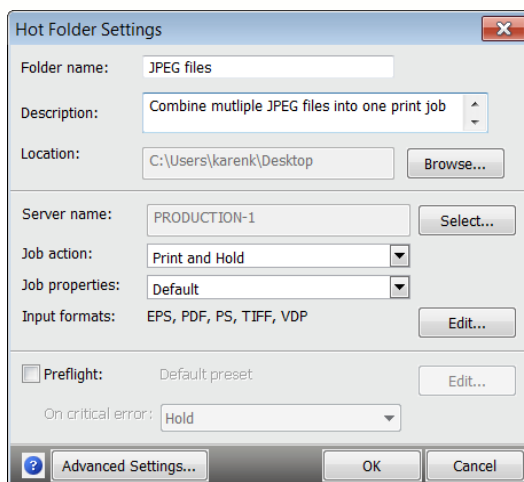
Additional Resources

If you would like to learn more about Fiery product features, EFI has created interactive online courses designed to enhance Fiery product knowledge and help increase performance. For complete list of the online courses we offer, go to the [Fiery eLearning](#) web page.

Before you begin

- Have Fiery Command WorkStation 5.5 or above opened and connected to at least one Fiery server, running Fiery FS150/FS150 Pro or above.
- Have the Fiery Productivity Package enabled for the FS150 and the GAPPE for the FS150 Pro.
- Have the Fiery Hot Folders application installed and opened on a Windows or Macintosh client.
- Place the following sample file folder **FGS_photobooklet** in a location where you can access and browse to locate this file folder for use later in this guide.
- Ensure the printer and Fiery have been calibrated before printing any output.

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Create a New Fiery Hot Folder

1. Open the Fiery Hot Folder Console.
2. Select the **New...** icon in the toolbar to create a new Hot Folder.
3. Enter a name for the new folder. For this example enter **JPEG files**.
4. **Description** allows for additional Hot Folder characteristics to be noted. Be as descriptive as possible to describe how the Hot Folder documents will output.
5. **Location** displays the default location where the new Hot Folder will be created. To change the location select **Browse...** For this example, leave the default location which is the desktop.
6. Use the **Select...** button to select the Fiery server.
7. When the **Connect to Server** window opens, use the **search icon** (magnifying glass) to search for a Fiery server on your network. Select the Fiery server that will receive jobs submitted using Hot Folders and select **Connect**.

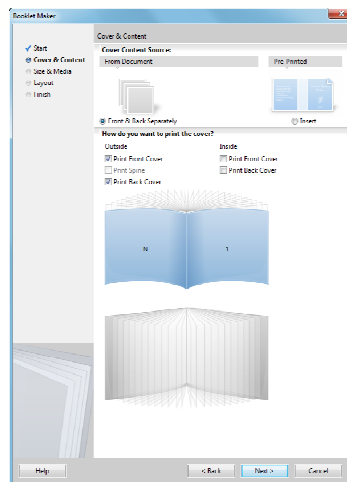
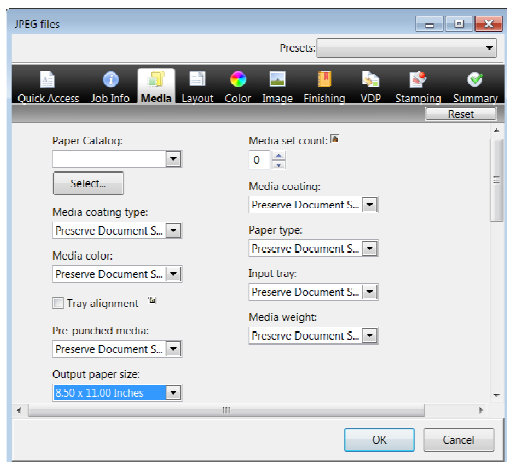


Note:

If the Fiery server is located on a different TCP/IP subnet, select the search menu and select either Subnet or IP Range to expand the search beyond the local TCP/IP subnet.

8. Select the **Job Action**. For this exercise select **Print and Hold** from the drop-down menu.
9. In the next section, the Job Properties will be defined for this Hot Folder.

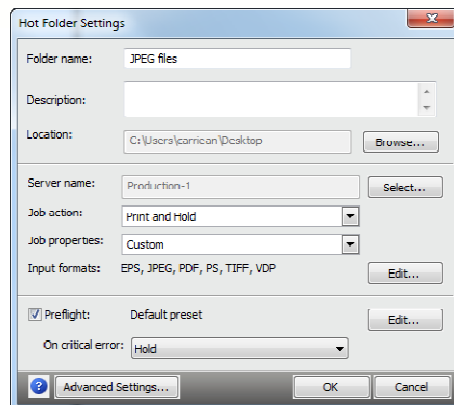
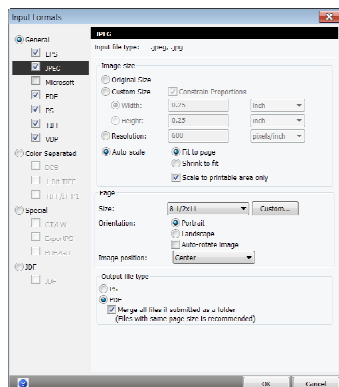
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Define Job Properties Including Finishing

1. In Job Properties, select the drop down arrow. Any Fiery Server presets previously created will be listed. For this example, select **Define...**
2. When the **Job Properties** window opens, select the **Media** tab and specify any media settings for your workflow. For this example, select **8 1/2 x 11** or **A4** for the **Paper Size Setting**.
3. Select the **Layout** tab and select **Booklet**.
4. Select **Launch Wizard...** to use the Booklet Maker.
5. Select the type of booklet to create. For this example select **Saddle, Left** and **Next** to continue.
6. On the **Cover & Content** select **Cover Content Source: From the Document**. Select **Front & Back Separately**.
7. Select **Outside** for Print Front Cover and Print Back Cover, and same for **Inside** and **Next**.
8. On the **Size & Media** window, choose the page size **11x17** or **A3** and **Next**.
9. On the **Layout** window, select **At the center** in the **Align Pages** area and **Next**.
10. The **Finish** window will open. Review the settings and click **Finish** to complete the **Booklet Maker** wizard.
11. Next select the **Finishing** tab and select the **Folding, Stapler mode, Fold order** and **Output delivery** options that will correctly create a folded and stapled booklet. Each engine will have its own unique settings to correctly complete the booklet.
12. Apply any other **Job Properties** settings that are desired such as **Expert Color** settings.
13. For this exercise select the **Color** tab.
14. Enable **Composite Overprint** to ensure the overprint in this document prints correctly.
15. Select **OK** when you have completed selecting all the Job Properties.
16. In the next section you will define the Input Formats.

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Define Input Formats for Filter Settings

1. In the **Input formats** area select **Edit...**
2. In the General Column select **JPEG**.
3. In the **Image Size** section, select **Auto-scale** and choose **Fit to page**.
4. Select **Scale to printable area only**.
5. In the **Page** section set the following options:
 - a. Size: **Letter** or **A4**
 - b. Orientation: **Portrait**
 - c. Image position: **Center**
6. In the **Output file type** section select **PDF** and check to enable **Merge all files if submitted as a folder** to create a single PDF using all the JPEG files in a folder.
7. Select **OK** to apply the Input Formats to the Hot Folder.

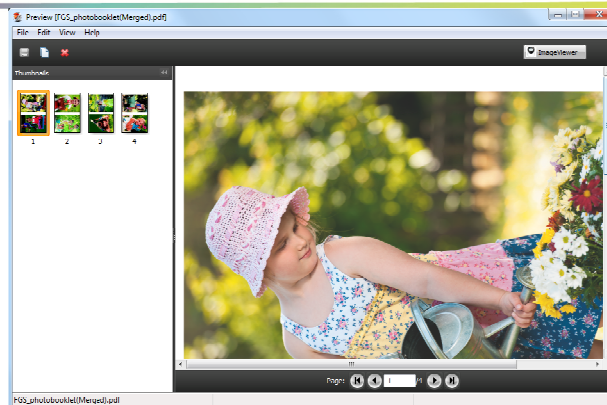
Enable Auto Preflight in Hot Folders (FS100 Pro with GAPPE Required)

1. Check to enable **Preflight**. Select **Edit...** if you want to modify the Default presets.
2. Select **Hold** for the **On Critical Error** option.
3. Select **OK** to apply all the Hot Folder settings and to close the EFI Hot Folder Console.

Submit a Folder containing JPEG files using Hot Folders

1. Locate and select the folder **FGS_photobooklet** on the client running Fiery Hot Folders.
2. Right click the mouse and select **Download to Hot Folder** and then select the Hot Folder you created from the pop-out menu or drag-and-drop the folder **FGS_photobooklet** onto the Hot Folder: **JPEG Files**.
3. The JPEG files in the folder will be converted to a single PDF file and sent to the Fiery with the selected Job Properties to create a saddle stitch booklet.

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Preview of Merged JPEG files

1. Select the job **FGS_photobooklet (Merged)** in Command WorkStation Held Queue, right-click and select **Remove Raster** from the pop-up menu.



Note: The PDF file name is generated automatically based on the submitted folder name.

2. With the job still selected click the **Preview** icon in the toolbar or right-click the job **FGS_photobooklet (Merged)** and select **Preview**.
3. The SeeSequence Preview window opens and the Thumbnail preview shows 2 images per page, front and back side.
4. When you are done viewing the file, **Close** the Preview window.



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