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Enhancing PDF files for Postal Enablement

To process sample PDF files for Postal Enablement, use RICOH ProcessDirector Plug-in for Adobe Acrobat to enhance the files. The files must have a page group, which identifies documents, and document properties required for the external postal software. The files might have other markup, such as a barcode that contains updated address data from the postal software.

Install RICOH ProcessDirector Plug-in for Adobe Acrobat by following the instructions in *RICOH ProcessDirector: Installing Document Processing Features*.

For detailed information about the RICOH ProcessDirector Plug-in for Adobe Acrobat functions that you use in this procedure, such as **Define Multiple Properties**, **Add Text**, and **Add Barcode**, see *RICOH ProcessDirector: Using RICOH ProcessDirector Plug-in for Adobe Acrobat*.

To enhance PDF files for use with Postal Enablement:

1. Open a PDF file in Adobe Acrobat Professional and click **Ricoh ➔ Select** to make RICOH ProcessDirector Plug-in for Adobe Acrobat the active tool.
2. Draw a box around the text you want to use to define text-based page groups, or draw a box anywhere to define page groups that are not based on text. Click **Define Page Group**.

1. From the **Page Groups** drop-down menu, select **Create fixed-length page groups** or **Begin page group when the selected text is found**.

You can define a page group based on a fixed number of pages or based on text that appears repeatedly throughout the PDF file. For example, if **Page 1** appears on the first page of each document, you can use that text to define page groups.

 **Other:**

- If you use text to define the beginning of the page group, this text should appear in the same location on the first page of every document.
- If you are using a sample PDF file to define page groups, make sure that the content and location of the text you select are consistent among the production PDF files.

2. Click **OK**.
3. Click **Ricoh ➔ View Page Group Navigator** and verify that the documents in the PDF file have been defined correctly.
4. To define document properties that correspond to the data required by your postal software, do one of these:
 - If the document properties that you need are listed in the table below, click **Ricoh ➔ Preferences**. Click the **Address** tab and select **Address lines 1–7 or U.S. addresses**. Click **Ricoh ➔ Define Address Block** and draw a box around the mailing address. Check to make sure that each document property has the proper value, and then click **OK**.
The **Define Address Block** function defines a set of document properties for mailing addresses. You can select either **Address lines 1–7** or **U.S. addresses**.

 **Note:** You cannot change the mapping of the document properties in either set.

Address lines 1–7	U.S. addresses
Doc.Address.1	Doc.Address.FullName
Doc.Address.2	Doc.Address.Other
Doc.Address.3	Doc.Address.Secondary
Doc.Address.4	Doc.Address.Primary
Doc.Address.5	Doc.Address.City
Doc.Address.6	Doc.Address.State
Doc.Address.7	Doc.Address.ZipCode

- If the document properties that you need are not listed in the table above, click **Ricoh ➔ Define Multiple Properties** and draw a box around the mailing address.
Select the most complicated and longest address in the sample PDF file. For example, if addresses have from three to five lines, select an address with five lines.
You can define a single document property for a line of text. Alternatively, you can define multiple document properties for a line of text by clicking the  icon and defining text modifier rules to extract a portion of the data on the line. For example, you can extract the city, state, province, or postal code and define it as a document property.
5. When you are ready to save your page group definition and document properties, click **Ricoh ➔ Save Control File**.

6. Give the control file a name or accept the default value. Click **Save**. You see a confirmation message. Click **OK**.
7. Send the control file to the RICOH ProcessDirector server in a directory that the RICOH ProcessDirector system user has access to.

Note: When you create your Postal Enablement workflow, specify the name and location of the control file in each step based on the **IdentifyPDFDocuments** step template.

8. To clear the markup in the control file that you saved, click **Ricoh ➔ Clear Markup**.
9. Click **Ricoh ➔ Define Page Group** and define the same page group that you defined in the control file that you specified in the step based on the **IdentifyPDFDocuments** step template.
10. If you want to replace the original mailing address data with updated data returned by the postal software, create a new control file. Do these steps:
 1. Click **Ricoh ➔ Hide Area** and draw a box around the mailing address.
Make sure that the box covers all the addresses in the sample PDF file. Any portion of an address that extends beyond the box is not going to be covered.
 2. Click **Ricoh ➔ Add Text** and define the content of the text by specifying document properties with updated data returned by the postal software.
11. **Optional:** Click **Ricoh ➔ Add Barcode** to define a barcode with the mailing address data returned by the postal software.
12. When you are ready to save your markup, click **Ricoh ➔ Save Control File**.
13. Give the control file a name or accept the default value. Click **Save**. You see a confirmation message. Click **OK**.
14. Send the control file to the RICOH ProcessDirector server in a directory that the RICOH ProcessDirector system user has access to.

Note: When you create your Postal Enablement workflow, specify the name and location of the control file in each step based on the **BuildPDFFromDocuments** step template.

Parent topic: [Setting up the Postal Enablement feature](#)