

Configuring

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Defining Custom PDF printer objects

Custom PDF printer objects represent specific models of PostScript printers that are not on the list of supported Ricoh PDF printers. These printers include some Ricoh PostScript printers and PostScript printers from other manufacturers.

Jobs are assigned to Custom PDF printers using these scheduling properties: **Customer name**, **Job size**, **Location**, **Media**, **Output bin**, **Output format**, **Folding**, **Perfect binding**, **Ring binding**, **Punch**, and **Staple**. If the AFP Support feature is installed, these additional scheduling properties are available: **Class**, **Destination**, **Form**. Other scheduling properties may be defined in a configuration file.

Both Custom PDF and Passthrough printer objects can print jobs in PDF format. Custom PDF printer objects make device-specific PostScript that is based on the contents of the PostScript Printer Description (PPD) file provided by the manufacturer.

Before you define a Custom PDF printer object, you must get a custom printer definition file from your Ricoh support representative. This file lets RICOH ProcessDirector create device-specific PostScript for your printer.

To define a Custom PDF printer object:

1. Click the **Administration** tab.
2. In the left pane, click **Devices** \Rightarrow **Printers**.
3. To define a Custom PDF printer object that uses the same custom printer definition file as an existing Custom PDF printer object, right-click the existing object and select **Copy**.

To define the first Custom PDF printer object that uses a custom printer definition file:

1. Click **Add** \Rightarrow **Custom PDF Printer**.
2. In the **Printer server** list, select the server where you want to define a Custom PDF printer device.
3. Click **Import file** and the **Ricoh Printer Connector** page opens in a new browser tab.
4. On the **Ricoh Printer Connector** page, click **Import Custom Printer Definition** file.
5. Navigate to the file you want to import, and select it. RICOH ProcessDirector installs the file on the printer server.
6. In the **Custom printer type** field, type the name of the custom printer definition file that you imported. Do not type the file extension.
For example, if you want to use `KM_1250.gpz`, type `KM_1250`.
RICOH ProcessDirector supports custom printer definition files with GPZ and ZIP extensions.

4. On the **General** tab, fill in values for all the required fields.

 **Note:**

- Select a Linux primary or secondary server or a Windows application server as the **Printer server**. If you just imported a custom printer definition file for this printer, specify the same printer server as the one you imported the file onto.
- The printer driver reports status information in the language that you selected when you installed the RICOH ProcessDirector server. To receive messages from this printer in a different language, set the **Printer language** property appropriately.
- SNMP returns the printer serial number when RICOH ProcessDirector establishes a connection to the printer. RICOH ProcessDirector checks the **Serial number** property to make sure that the printer is one of the models supported as Custom PDF printers.
- The default value for the **Job status polling interval** property is 10 seconds. If you want to reduce the traffic on your network, you can increase the interval between RICOH ProcessDirector requests to the printer for job status.

5. On the **Scheduling** tab, enter the values that you want RICOH ProcessDirector to use to assign jobs to this printer. Leave the values blank or **Not set** for any properties that are not used for scheduling. Those values match any values specified by the corresponding job scheduling properties.

If you want to schedule jobs to a printer based on media, keep these items in mind when you set the **Media supported** property:

- If you choose specific media, only jobs that use that media can be scheduled to this printer.
- If you choose **Ready media objects**, only jobs that require the media that is currently loaded in the printer can be scheduled to the printer.
- If you choose **All media**, all jobs can be scheduled to the printer, regardless of what media is loaded.

6. Click **OK**.

 **Note:**

- RICOH ProcessDirector creates a separate Java virtual machine on the Linux primary or secondary server or on the application server to run Custom PDF printers. Some computer security software notifies users when Java virtual machines are created.

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