

## Configuring

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# Configuring to send jobs to a printer that uses RICOH TotalFlow Print server

Sending print jobs to a Ricoh TotalFlow printer requires specific configuration steps on the printer and in RICOH ProcessDirector.

A printer that uses RICOH TotalFlow Print server can receive various types of print jobs. The type of job you plan to send determines the type of printer object that you create in RICOH ProcessDirector and the configuration settings that you use on the printer itself.

| Data Stream | Printer/Control Unit  | RICOH ProcessDirector Printer Type |
|-------------|---|------------------------------------|
| AFP         | Any   | AFP                                |
| PDF         | VC40000, VC60000, or VC70000                                      | RICOH TotalFlow                    |
|             | RICOH Cutsheet printer that is supported by RICOH ProcessDirector | RICOH PDF Printer                  |
|             | RICOH Cutsheet printer that is not in the supported printer list  | RICOH TotalFlow                    |
| Other       | Any   | Passthrough                        |

PDF jobs can be controlled either using RICOH ProcessDirector or at the printer using TotalFlow Print Server.

- When RICOH ProcessDirector is set up to control the printer, the PDF jobs are sent to the printer and printed in the order in which RICOH ProcessDirector sent them.
- When TotalFlow Print Server is set up to control the printer, RICOH ProcessDirector spools the PDF jobs to the printer. The operator uses the TotalFlow Print Server console to release the jobs to the printer.

In this case, the job remains in the **Spooled at printer** state in RICOH ProcessDirector. If a user moves the job from the **Active Jobs** state to the **Inactive Jobs** state on the printer console or deletes the job from the printer, RICOH ProcessDirector changes the state of the job to **Status changed on printer**. An operator can use the **Print again** or **Restart step** action to send the job to the printer again. Or, if the job printed successfully, the operator can use the **Go to next step** action, to continue processing the job through the workflow.

If RICOH ProcessDirector is restarted when jobs are in the **Spooled at printer** state, RICOH ProcessDirector changes the state of the jobs to **Error**. The jobs might have already printed.

If the **Merge banner pages into PDF print file** property is set to **No**, the header page, PDF job, and trailer page are spooled at the printer as separate files. The printer could print the files out of sequence. To avoid this problem, set the property to **Yes**, do not print banner pages, or move the files at the same time. For example, move the files to the **Inactive Jobs** state or the **Active Jobs** state at the same time.

## In this section:

[Setting up a RICOH TotalFlow Print server to connect with RICOH ProcessDirector](#)

[Defining a Ricoh PDF printer to send jobs to RICOH TotalFlow Print server](#)

Define a Ricoh PDF printer to represent a cut sheet printer that has the RICOH TotalFlow Print server console and is on the list of supported printers.

[Defining a Ricoh TotalFlow printer to send jobs to RICOH TotalFlow Print server](#)

Define a Ricoh TotalFlow printer to represent a Ricoh Pro VC40000, Ricoh Pro VC60000, Ricoh Pro VC70000, or a Ricoh cut sheet printer that uses RICOH TotalFlow Print server, but that is not in the supported printers list for Ricoh PDF printers.

[Defining an AFP Printer to send jobs to RICOH TotalFlow Print server](#)

Define an AFP printer that uses a RICOH TotalFlow Print server.

[Sending other types of jobs to a printer that uses RICOH TotalFlow Print server](#)

To send other types of jobs, such as PostScript, to a printer that uses RICOH TotalFlow Print server, you can either copy the jobs to a printer hot folder or use an LPR command.

[Configuring media for a Ricoh TotalFlow printer](#)

RICOH ProcessDirector can detect the paper that is loaded on a Ricoh TotalFlow printer and can be configured to create media objects automatically to represent that paper. Then, it can use media as a scheduling criteria and only schedule jobs to the printer when the correct paper is loaded. However, you must do more configuration to make sure that the media names are the same on the printer and in RICOH ProcessDirector.

#### [Configuring SNMP for printers](#)

Simple Network Management Protocol (SNMP) can be used by RICOH ProcessDirector to connect to a printer. RICOH ProcessDirector supports the following versions: SNMP v1 and SNMP v3.

Parent topic: [Defining printer objects](#)