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Usage scenario for printing jobs on plain paper instead of preprinted paper

In this scenario, a printing company wants to replace their preprinted paper with electronic forms that print on plain paper. They want to make the replacements on a client-by-client basis, and they start by replacing the preprinted paper for Client A. They continue to print the jobs for all their other clients on preprinted paper.

An application at Client A submits jobs to the input device for the workflow that processes PDF jobs. The jobs specify **Form For Client A** as the media. The printing company already has a RICOH ProcessDirector media object named **Form For Client A**.

To replace the preprinted paper, the printing company creates a PDF file that uses the same page size as the preprinted paper and has the same content. The printing company adds the PDF file as an electronic form to the **Form For Client A** media object. While adding the form to the media object, the printing company selects **None** as the value of the **Media name for printing** property.

The printing company then adds a step based on the **CombinePDFWithForm** step template to the PDF workflow after the **OptimizePDF** step and before the **CountPages** step.

Because the printing company processes jobs for many different clients through the PDF workflow, they add a branch from the **OptimizePDF** step to the **CountPages** step. That branch bypasses the **CombinePDFWithForm** step.

To route the jobs for Client A through the **CombinePDFWithForm** step, the printing company sets this rule on the connector from the **OptimizePDF** step to the **CombinePDFWithForm** step: `Job.CustomerName = 'Client A'`. The value of the **Order of execution** property for the rule is 1.

After the printing company modifies the PDF workflow, the jobs from Client A move through the **CombinePDFWithForm** step. The step combines the electronic forms defined for the **Form For Client A** media object with the job data and checks the value of the **Media name for printing** property. Because the value is **None**, the step removes all instances of the media name **Form For Client A** from the job. As a result, the job prints on the printer default media. The jobs for all the other clients bypass the **CombinePDFWithForm** step and print on preprinted paper.

The PDF workflow modified by the printing company is similar to the **ElectronicFormJobSample** workflow supplied with the Preprinted Forms Replacement feature. The biggest difference between the workflows is the rule on the connector from the **OptimizePDF** step to the **CombinePDFWithForm** step. For more information about the **ElectronicFormJobSample** workflow, refer to the Information Center.

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