

## Overview

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## Two deadlines in a linear workflow scenario

In this scenario, a linear PDF workflow sends each job through an external program for the accounting department and then prints the job. You want to set one deadline for the external program and another deadline for printing the job. You place two **SetDeadline** steps in the workflow. The first **SetDeadline** step tracks the time required to complete the **RunExternalProgram** step. The second **SetDeadline** step tracks the time to print each job after it completes the **RunExternalProgram** step.

### *Linear PDF workflow*

SetJobPropsFromTextFile

DetectInputDataStream

CountPages

**SetDeadline**: makes **RunExternalProgram** the deadline step; sets 30 minutes for the deadline time (Deadline date = Relative to property value; Property = Current time; Plus or minus = 30 minutes).

**RunExternalProgram**: runs a program for the accounting department.

**SetDeadline**: makes **PrintJobs** the deadline step; sets 15 minutes for the deadline time (Deadline date = Relative to property value; Property = Current time; Plus or minus = 15 minutes).

**PrintSetup**: lets the operator verify that the requested paper is loaded in the trays.

CreatePageRanges

PrintJobs

RetainCompletedJobs

RemoveJobs

With this workflow, you can see whether a job meets or misses each of its deadlines. If a job misses its first deadline, RICOH ProcessDirector adds a red dot to the **Deadlines** portlet and to the **Schedule risk** column for the job in the Jobs table. If the job then meets its second deadline, the red dot is removed.

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