

## Overview

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## Checkpoint times

For each job that has an associated service policy, RICOH ProcessDirector records planned checkpoint times. In addition, it records actual checkpoint times for all jobs, even for jobs that do not have an associated service policy.

The checkpoint times are:

- **Planned checkpoint time:** The date and time when the job is expected to complete a phase. RICOH ProcessDirector calculates each planned checkpoint time by adding the time interval for the phase to the checkpoint start time. If the checkpoint start time changes, the planned checkpoint times change accordingly.
- **Actual checkpoint time:** The date and time when the job actually completed the phase.

RICOH ProcessDirector displays these checkpoint times in the property notebook for each job that is in the system. After a job is removed from the system, the audit file for the job (*jobnumber.yy-mm-dd hh-mm-ss.positional\_attributes.csv*) contains the checkpoint times.

This example shows sample planned and actual checkpoint times for a job that has completed the Print phase and is currently in the Complete phase.

Checkpoint	Planned checkpoint time	Actual checkpoint time
Receive:		1/8/07 09:20:22
Prepare:	1/8/07 12:00:00	1/8/07 10:00:30
Print:	1/8/07 14:00:00	1/8/07 12:00:59
Complete:		

Sometimes, checkpoint times are blank:

- Planned checkpoint time: The service policy does not define a checkpoint for a phase. In this example, the Receive and Complete checkpoint times are blank because the service policy does not define a Receive or Complete checkpoint.
- Actual checkpoint time: A job has not completed a phase, or a job does not flow through a phase. The actual checkpoint time for the Complete phase is usually blank when the job is still in the system.

RICOH ProcessDirector can update the planned and actual checkpoint times when you reprocess a job:

- Planned checkpoint times: If you use the **Process Again** action to reprocess a job from the first step and the properties of the service policy or no-service periods have changed, RICOH ProcessDirector calculates new planned checkpoint times for the job.
- Actual checkpoint times: If you use the **Print Again** or **Process Again** action to reprocess a job and the service policy specifies **Yes** in the **Reset on reprocess** property, RICOH ProcessDirector records new actual checkpoints for the phases that the job completes again.

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