

DATA ACCELERATORS · DATASHEET

S2P Converter

Automated IBM DataStage Server-to-Parallel job conversion — accelerating modernization to IBM Cloud Pak for Data.

Part of the nFolks Data Accelerators, the S2P Converter rebuilds legacy Server jobs as high-performance Parallel jobs — removing a manual, error-prone migration step so your team can modernize with confidence.

85%+ artifacts auto-converted

↓60% typical effort

100% integrity validated

OVERVIEW

Automated Server-to-Parallel conversion

The S2P Converter is part of the nFolks Data Accelerators — a proven toolset that automatically converts IBM DataStage Server jobs into high-performance Parallel jobs.

IBM DataStage NextGen on IBM Cloud Pak for Data does not run Server jobs or server routines, so migration requires converting them to Parallel — work that, done by hand, demands rare skills, long timelines, and real risk to data integrity. The S2P Converter automates it: reading each job's design, adding the stages needed to preserve behavior and improve performance, then validating the result — with only limited involvement from your internal IT team.

CAPABILITIES

What the S2P Converter does

- ✓ **Automated assessment.** Analyzes IBM DataStage jobs and returns in-depth conversion insights before you convert.
- ✓ **UV artifact coverage.** Auto-converts UV artifacts — server jobs, routines, and more — at 85%+.
- ✓ **Built-in routine support.** Converts built-in server routines to Parallel for both Windows and UNIX.
- ✓ **Browser-based conversion.** Converts Server jobs to Parallel automatically — no manual rewrites.
- ✓ **Design-aware logic.** Adds the stages required to preserve behavior and improve performance.
- ✓ **Audit-ready output.** Timestamped logs and downloadable CSV / PDF reports for every run.

THE PROCESS

From export to validated code

- 1 Create workflow**
Name the workflow, add an optional description, select the Server-to-Parallel target, and upload your IBM DataStage code export in XML format.
- 2 View summary**
Review an at-a-glance summary of the source code before you convert:
 - **Job distribution** — Server, Parallel, and Sequence jobs in the source code.
 - **Stage distribution** — the total count of each individual stage used.
 - **Routine distribution** — custom and built-in routines present in the source.
 - **Complexity** — assessed per job from total stages, transformers, and deprecated stages.
- 3 Convert & download**
Convert built-in server routines to Parallel for both Windows and UNIX, optionally add a prefix or suffix to job names, and download the converted S2P output.
- 4 Validate**
Automated data validation compares the input and output jobs side by side, confirming full data integrity before you promote the converted code.

OUTPUTS & REPORTING

What you receive

- ✓ **Converted Parallel jobs.** Ready for IBM DataStage NextGen on IBM Cloud Pak for Data.
- ✓ **Conversion report.** Total jobs, routines, and stages converted, with a side-by-side comparison.
- ✓ **Import summary.** Downloadable for the converted code in CSV or PDF format.
- ✓ **Timestamped logs.** Review every conversion change — or any errors — at a specific point in time.

See the S2P Converter on your own jobs

Contact us to arrange a walkthrough against a sample of your IBM DataStage estate.