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SMART DATA FRAMEWORKS — PRODUCT FACTSHEET

Data migration that runs itself.

A self-hosted, Docker-native platform for moving data between databases, warehouses, and cloud stores. Define a job once. Run it on a schedule. Community edition is free.

Free	11	3	AI
Community edition, no licence key required	Supported databases and file formats	Editions: Community, Pro, Enterprise	Assisted conversion for hard-to-translate views

BUILT FROM THE GROUND UP

A product you run yourself

The original SDF was a professional services engagement. The new SDF is a product you run yourself: pull a Docker image, connect your databases, and start moving data in minutes. No account is required for the Community edition.

SDF handles schema creation, incremental sync, schema drift detection, and bulk transfer end to end, entirely inside your own infrastructure. Nothing about your data passes through Smart Associates servers or any third-party cloud.

WHAT'S INCLUDED

Everything you need to move data reliably

Multi-source connectivity

PostgreSQL, MySQL, MSSQL, Oracle, IBM Netezza, Databricks, Redshift, Snowflake, S3, GCS, and CSV/Parquet/Avro files. Community covers PostgreSQL, MySQL, and flat files; Pro adds MSSQL and cloud warehouses; Enterprise adds Oracle and IBM Netezza.

Schema drift detection

Diffs source against a stored baseline before every run, classifying changes as safe or destructive and applying them automatically per a configurable policy.

Change Data Capture

Detects inserts, updates, and deletes automatically with no watermark column required. Netezza shipping now; additional engines on the roadmap.

Bulk transfer

Native protocols per engine: PostgreSQL binary COPY, Netezza external table unload, Oracle array binding, MySQL LOAD DATA. Orders of magnitude faster than row-by-row INSERT.

Built-in job scheduling

Predefined frequencies from every 5 minutes to daily, or a custom cron expression. No external scheduler required.

AI-assisted view conversion

Views the rule-based converter cannot safely rewrite can be handed to an AI model instead, one view at a time, with target-dialect parse verification and caching.

Full execution history

Per-table row counts, progress bars, step-level logs, and a complete run history. Know exactly what moved, when, and why it stopped.

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EDITIONS & PRICING

Start free. Scale when you need to.

Capability	Community	Pro	Enterprise
PostgreSQL, MySQL	✓	✓	✓
MSSQL	✗	✓	✓
Schema drift detection	✗	✓	✓
Cloud warehouses (Databricks, Redshift, Snowflake)	✗	✓	✓
AI-assisted view conversion	✗	✓	✓
Oracle / IBM Netezza	✗	✗	✓
Change Data Capture	✗	✗	✓
Bulk transfer (native protocols)	✗	✗	✓
Licence required	No	Yes	Yes

All editions are self-hosted. No data leaves your infrastructure.

Join the Early Access Waitlist

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SDF is in development. Join the waitlist at smart-associates.biz/products/sdf to be notified when it launches and help decide which capabilities ship first.

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