



Rocket® Data Replicate and Sync™: For Data That Stays In Step

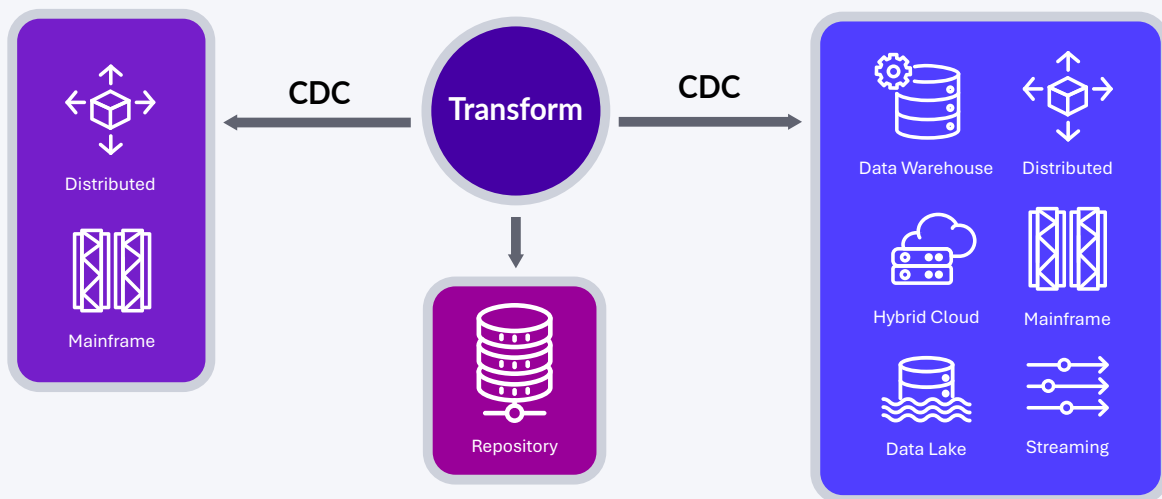
Low latency. High fidelity. Maximum consistency.

Seamless, real-time data delivered everywhere, every time.

Without complete and reliable data, you can't make sound business decisions, improve operational efficiency, or confidently drive AI and analytics initiatives.

Mainframe data is often the missing link in enabling a real-time enterprise.

Rocket® Data Replicate and Sync™ (RDRS) helps you strategically position all your data to enable high-value AI and analytics initiatives. It delivers high-performance, real-time data replication across mainframe, distributed, and cloud platforms — accelerating modernization while reducing costs, complexity, delays, errors, and compatibility issues.



RDRS helps businesses modernize without disruption, giving them a clear competitive advantage in their fast-moving markets. From Db2® to Kafka, VSAM to Snowflake, Adabas to BigQuery, and back — whatever the need, RDRS simplifies data integration across the enterprise.



Rocket Data Replicate and Sync enables us to significantly reduce our mainframe costs through real-time replication to a less expensive environment. Real-time event handling, real-time analytics, and real-time fraud prevention are only a few of the use cases we currently cover.”

HEAD OF IT APPLICATIONS

Large European Bank

The RDRS edge

01 **Broadest and deepest source and target support**

Connects previously siloed mainframe, distributed, and cloud data to deliver comprehensive results when, where, and how they're needed.

02 **Lightning-fast replication**

Sub-second latency (<1 second) provides up-to-the-minute data for analytics and enables immediate, informed business decisions.

03 **Cost-effective capture**

Significantly reduces mainframe CPU costs by leveraging cloud compute for data transformations.

04 **Flexible and scalable application**

Supports batch, streaming, and event-driven replication to meet any business need.

05 **Resilient and reliable technology**

Fully restartable with built-in recovery, rollback, and data consistency checks to ensure data integrity.

06 **Enterprise-level data security**

Encryption, secure connectivity, site-to-site VPN, SAF controls, and advanced filtering mechanisms safeguard data at rest and in transit.

07 **Automatic bidirectional data movement**

Keeps critical data synchronized in real time across cloud, on-prem, and hybrid environments with no custom programming.

RDRS automatically captures data changes and immediately replicates them across data stores — securing data in transit to ensure accurate, up-to-the-minute information is always available where needed. It also auto-adapts data to appropriate formats, reducing errors and simplifying access for end users.

Powering your potential

01 Healthcare Patient analytics for population health

A regional healthcare network uses RDRS to securely move patient records from IMS™ to Snowflake in AWS. This enables faster analytics for care quality, identification of at-risk patient populations, and improved reporting for payer reimbursement programs while meeting HIPAA and GDPR requirements.

02 Manufacturing Production optimization and predictive maintenance

A global manufacturer moving mainframe telemetry from Datacom through Kafka to Azure® Synapse for predictive analytics leverages RDRS to enable streaming production and maintenance updates to cloud models in real time, potentially saving millions in unplanned downtime.

03 Retail and ecommerce Unified Inventory and demand forecasting

A national retailer replicating Db2 for iSeries data from thousands of stores into Snowflake daily employs RDRS for a real-time view of store-level inventory and POS data, improving product availability and increasing revenue during peak seasons.

04 Financial services Real-time fraud detection

A bank uses RDRS to replicate VSAM data from z/OS® to AWS® Aurora and S3 in real time. Fraud analytics engines can detect suspicious card transactions within seconds, not hours, reducing losses by millions annually.

These are the kinds of future states we can help you achieve. From customer and operational data to market trends and social media insights, modern enterprises rely on robust data replication and management to fuel business innovation and optimization.

Simply built to move enterprise data, fast

As part of the Rocket® DataEdge™ suite, RDRS connects systems, data sources, and targets across the enterprise to reduce costs, drive better AI and analytics initiatives, and enable solid business decisions.

[Learn more](#)



Modernization. **Without Disruption.**™

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