

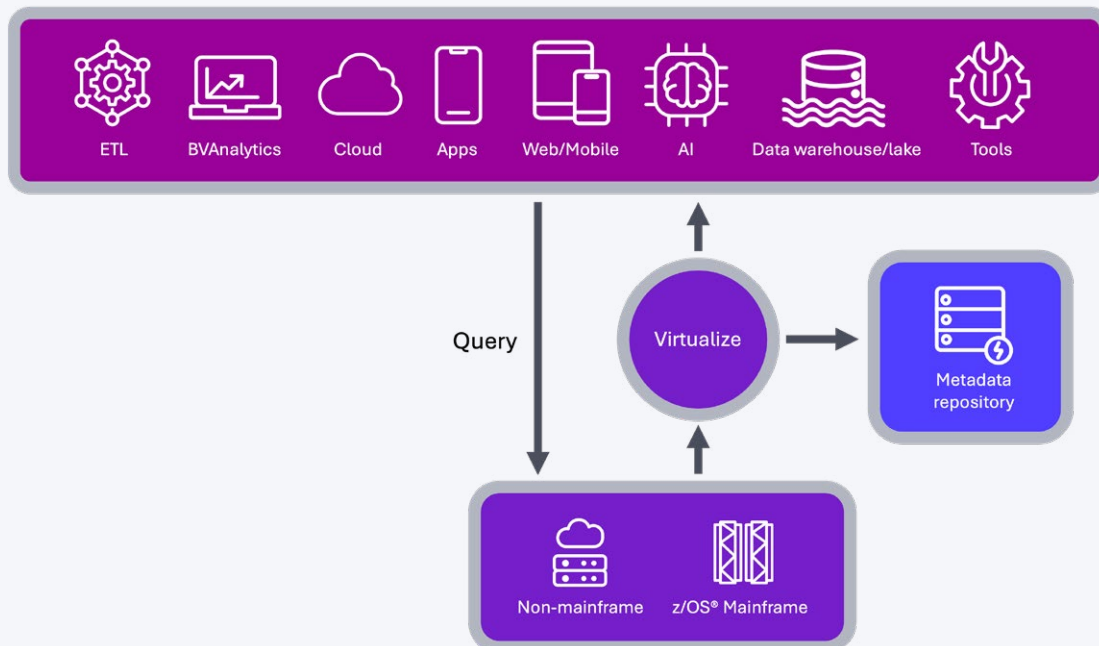


Rocket® Data Virtualization: For Data That Drives Decisions

Access everything. Copy nothing. Move faster.

When data lives everywhere, time, risks, and costs spike every time you spin up another copy just to make it useful. Mainframe, cloud, and distributed systems each hold essential data, but moving, reconciling, and securing it creates delays, duplicates — and doubt.

Rocket Data Virtualization (RDV) eliminates these problems with a universal, zero-copy data access layer. It federates, secures, and accelerates queries regardless of your data's physical location or native format. RDV overlays a governed semantic layer on your existing data environments, avoiding core system disruptions or pipeline rewrites.



Teams can securely query, combine, and consume information from across your entire ecosystem in real time. The result is faster insights, lower costs, and a secure, flexible foundation for analytics, AI, and modernization without adding complexity. From Db2® for z/OS® to Snowflake, VSAM to Databricks, Adabas to BigQuery, and IBM® i to S3, RDV connects it all, so your teams don't have to.



Rocket Data Virtualization enabled us to deliver real-time analytics from z/OS and Snowflake without building another copy pipeline. We cut storage and egress costs immediately — and our risk team got answers in seconds, not hours.”

CIO

GLOBAL FINANCIAL SERVICES FIRM

The RDV edge

01 Instant answers

Query up-to-the-minute data where it lives and federate across sources for sub-second experiences. No ETL pipelines. No duplication.

02 Cost control by design

Reduce storage, egress, and pipeline costs by serving data in place and shifting compute to zIIP specialty engines, minimizing mainframe CPU usage.

03 Deep mainframe smarts

Turn Db2, IMS™, VSAM, and more into easy-to-use insights without deep mainframe skills or risky rewrites.

04 Built-in security and governance

Automatically apply and enforce access rules and masking to keep sensitive data secure, with clear lineage for audit-ready compliance.

05 Model once, serve everywhere

Publish a single, governed view once and use it across BI, AI, and apps, so every team sees the same truth.

Frictionless scale

Stay up, fast, and controlled — even under heavy loads — with enterprise-grade availability and governance. RDV is more than just a data access tool, it’s the secure, cost-controlled foundation you need for non-disruptive data modernization. By enabling zero-copy access to data where it lives, RDV integrates critical mainframe data to complete your agile, unified data fabric. It securely powers next-generation AI, analytics, and superior customer experiences without relying on manual, high-risk data copying or complex ETL pipelines.

Powering your potential

01 Healthcare

Governed clinical insights, instantly

A health network uses RDV to create a secure virtual layer over sensitive patient data in ADABAS on z/OS, Kafka, S3, and Databricks. Care teams query a HIPAA-compliant virtual view in PowerBI that includes dynamic masking of PHI and policy-based access. Outcomes: automated compliance with privacy regulations, faster quality reporting, and audit-ready access paths.

02 Financial services

Unified customer view

A large bank uses RDV to virtualize real-time customer account balances from IMS DB and loan histories from Db2 z/OS, merging them with market risk models from Snowflake. The bank's cloud-native CRM application uses this consolidated, real-time view to instantly address customer service requests, cutting ETL jobs by 60% and eliminating duplicate data stores.

03 Retail and ecommerce

Accurate ATP without nightly ETL

A retailer unifies IBM i/Db2 POS, S3 clickstream, and inventory in Redshift. RDV exposes a virtual "available to promise" service to commerce APIs with store-level row filters. This improves promise accuracy, reduces cancellations, and eliminates redundant pipelines.

04 Manufacturing

Shop floor to cloud without stoppage

A manufacturer blends CA IDMS/DB telemetry with Kafka streams and Snowflake KPIs for OEE dashboards. RDV serves live federated views to Power BI, while optional caches shield the floor if a source is offline. No nightly batch windows and no plant disruption.

These are the kinds of future states we can help you achieve. Whether you're a global enterprise, a mid-market leader, or a scaling startup, RDV gives you the agility to get the insights you need without added infrastructure or risk.

Simply built to unify complex data

Whether you're a global enterprise, a mid-market leader, or a scaling startup, RDV gives you the agility to get the insights you need without added infrastructure or risk. As part of the Rocket® DataEdge suite, RDV accesses and connects your data wherever it lives, lowering costs, improving AI and analytics, and enabling solid business decisions.

[Learn more](#)



Modernization. **Without Disruption.**™

Visit RocketSoftware.com

© Rocket Software, Inc. or its affiliates 2025. All rights reserved. Rocket and the Rocket Software logos are registered trademarks of Rocket Software, Inc. Other product and service names might be trademarks of Rocket Software or its affiliates.
Db2, z/OS, IBM i, and IMS are trademarks of International Business Machines Corporation, registered in many jurisdictions worldwide.

MAR-16596_DS_RDV_V3

