



Rocket® DataEdge

Don't just free your data,
empower it.



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Enable the enterprise data that powers your future

Data drives your business. Regardless of how you get, create, store, or govern it, everything you do is underpinned by data. So, it's critical that you have all your data when, where, and how you need it. The problem is that it can be literally everywhere, all the time, for vastly differing use cases.

How do you empower your enterprise data to:

- Ground the strategic decisions that drive your future?
- Mitigate risk, address customer needs, and leverage market opportunities?
- Enhance analytics and vital processes to deliver greater business value?
- Minimize complexity, delays, errors, and compatibility challenges while reducing costs?

And ultimately, *improve your bottom line?*



Treat your data like a product

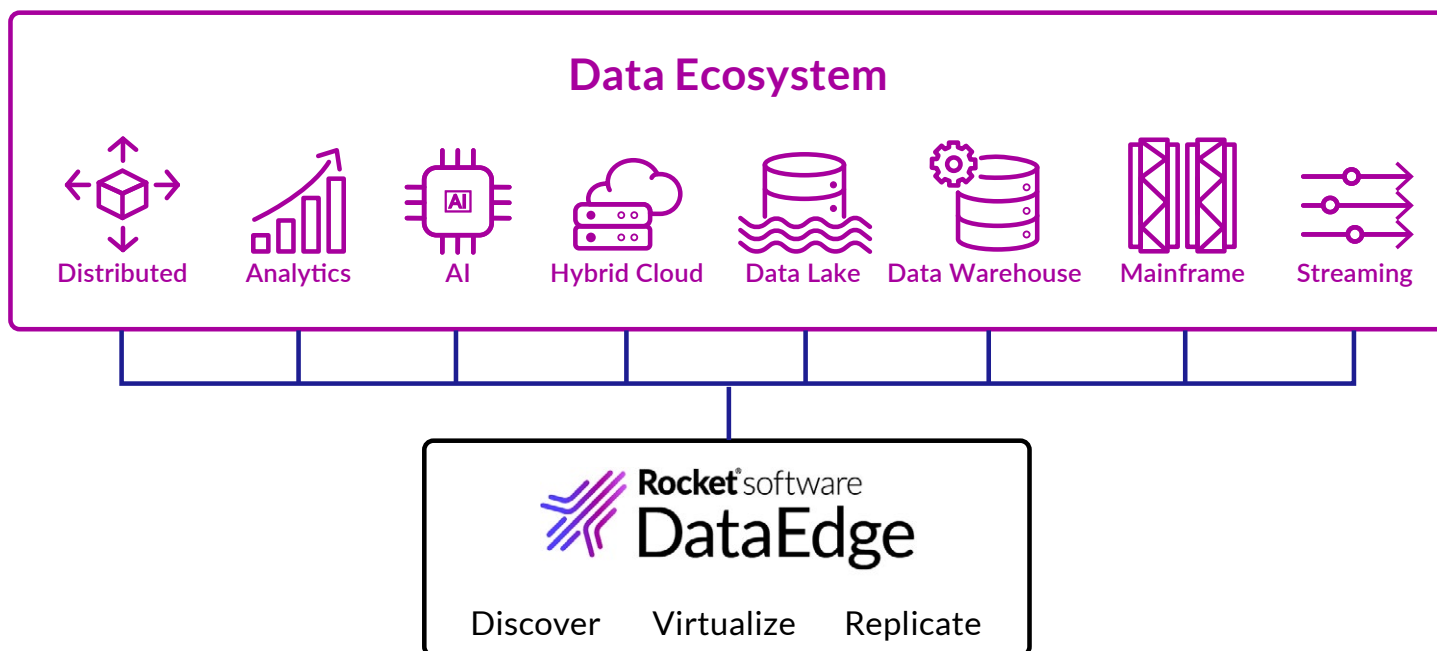
Industry leaders fully understand the value of their data, managing it like any other critical corporate asset. An integrated, high-quality, ready-to-use dataset that users can easily access and customize for specific business needs improves decision-making, increases operational efficiency, and simplifies compliance. Studies show that companies that treat data like a product can reduce new use case development time by up to 90%, lower total ownership costs by up to 30%, and reduce their risk and data governance burden.

Rocket® DataEdge connects core transactional, distributed, and cloud data to deliver greater business value from the AI, analytics, and corporate initiatives driving your company's future. Through comprehensive data discovery, lineage, transformation, integration, and metadata management, businesses can leverage the full value of their enterprise data to drive strategy and growth.

With powerful end-to-end data integration and metadata management automation, Rocket DataEdge transforms even the most complex and siloed environments into cohesive and trusted datasets. It makes mission-critical data available and actionable across mainframe, distributed and cloud environments, helping organizations streamline modernization efforts, make better-informed business decisions, and drive AI and BI innovation.

Go from data to insight to action — quickly, effortlessly, and securely

When your systems, sources, and targets are connected, everyone — from data architects and engineers to business analysts and the C-Suite — can see the whole picture, not just a slice. That means better insights and fewer blind spots. Databases, lakes, warehouses, and BI platforms — when you can plug into all of them seamlessly, you increase the ROI of each.



Turn your data from a bottleneck into a catalyst

Flexibility is the difference between an ecosystem that thrives long-term and one that quickly becomes obsolete or unscalable. With three modular components, Rocket DataEdge lets you start where you want to and pivot when you need to without rebuilding everything.

Data intelligence

Understand, control, and trust your data across mainframe, cloud, and hybrid environments.

- **Automated data discovery:** No more manual data mapping — metadata-driven automation saves time.
- **End-to-end data visibility:** Understand your data across mainframe, cloud, and hybrid systems in one place.
- **Stronger compliance and security:** Reduce regulatory risks by tracing and governing critical data.
- **Impact analysis:** Assess data changes before they happen to prevent unexpected downstream data breaks, process failures, or compliance violations.

Data replication and synchronization

Deliver complete, reliable data in real time across the enterprise — without disrupting operations.

- **Real-time data delivery:** Provides under half-second (<.5 second) latency to support real-time analytics and decision-making platforms.
- **Seamless data movement and availability:** Keeps critical data synchronized in real time across cloud, on-prem, and hybrid environments.
- **Flexible and scalable:** Supports batch, streaming, and event-driven replication to meet any business need.
- **Resilient and reliable:** Built-in failover, rollback, and data consistency checks ensure integrity.

Data virtualization

Provide unified, data access without duplicating or moving your sensitive data.

- **Real-time data federation:** Query live data from multiple sources without replication or ETL processes.
- **Built-in security and governance:** Enforce role-based access controls (RBAC), encryption, and audit logs to protect sensitive data.
- **No-code/low-code UI:** Enable business users and analysts to access data without deep technical expertise.
- **Faster insights without moving data:** Securely provide data to BI tools, analytics platforms, and enterprise applications.

Building a complete data ecosystem: Bridging the mainframe divide

Core transactional systems house mission-critical information like financial, customer, supply chain, and regulatory compliance data. But it's too often locked away, unreachable by the users who need it. It's understandable why mainframe owners are reluctant to give access to these systems. They're the foundation of the business. Rocket DataEdge helps you remove these obstacles to modernize your data strategies without disrupting existing processes, systems, or data.

Security

- **Fine-grained controlled access** without altering or exposing core systems.
- **Data encryption and masking** protects sensitive data in transit.

Stability and reliability

- **Non-intrusive architecture** doesn't interfere with existing workloads or require application changes.
- **Real-time synchronization** keeps data current and avoids disruptive batch processes.

Access complexity and specialized knowledge

- **User-friendly interface** reduces dependency on specialized skills to access data.
- **Automatic data and platform translation** converts mainframe data into easily consumable modern formats.
- **Self-service access:** Business and IT users can retrieve data without mainframe expertise.

Regulatory compliance

- **Data lineage and governance** tracks where data originates, how it's used, and who accessed it.
- **Automated compliance reports** support regulations like GDPR, GLBA, and CCAR.

Performance impacts

- **Optimized query processing** offloads data transformations to more efficient processing engines to reduce CPU load.
- **Event-driven architecture** enables real-time CDC and streaming to modern environments to minimize performance strain.
- **Workload balancing** dynamically adjusts data retrieval processes to prevent system overload.

Complex integrations

- **API-first approach** exposes mainframe data via REST APIs, avoiding complex middleware.
- **Multi-platform compatibility** supports cloud platforms, analytics tools, modern enterprise applications, and more.



The flexibility you need

Data integration isn't just a technical task — it's the foundation of innovation and agility. Yet, as businesses look to support generative AI and analytics initiatives, leveraging what's already in place and building from there is often impossible. Instead of breaking down barriers across the organization, previous data initiatives were commonly fragmented and siloed. Most point products were not built for interoperability, and most enterprise solutions are inflexible "platforms" that must be purchased and implemented in a rigidly defined manner.

You live in a constantly changing environment — new regulations, technologies, threats, competition, customer expectations — the list is endless. You need the flexibility to address near-term needs and still drive long-term strategies. Rocket DataEdge is modular, and implementation is grounded in your specific situation. We meet you where you are and help you build for your future.

Rocket DataEdge changes the game:

- **Delivers a cohesive data management experience** across the enterprise.
- **Supports data mesh approaches and data fabric architectures** with metadata-fueled automation and intelligence.
- **Empowers teams to deliver greater business value faster** with real-time data integration, intuitive UI, and automated data transformation.
- **Broadest and deepest source and target support:** Discovers, maps, virtualizes, moves, and/or replicates data across the enterprise to deliver comprehensive results when, where and how they're needed.
- **Reduces complexity and cost** by capturing data once, applying it to multiple targets, and leveraging cloud computing for data transformations.
- **Enables "modernization-in-place"** with adaptive, flexible implementation options that focus on immediate needs first and build out based on customer needs and priorities.

No other solution on the market is as comprehensive, flexible, or covers as many targets and sources as Rocket DataEdge.

Your future runs on data. Empower it with Rocket DataEdge.



Rocket® Data Intelligence

powered by **Rocket® DataEdge**



Groupe Pasteur Mutualité (GPM):

Ensuring the quality of the data driving their business

// Thanks to Rocket Data Intelligence, GPM was able to strengthen its regulatory compliance and reduce management costs inherent to poor data quality.”

ANAS TAUD, Chief Enterprise Architect and Chief Data Officer, **Groupe Pasteur Mutualité**

CHALLENGE

Challenge:

After growing through acquisition, **the firm controlled over 2,000 apps across various systems and platforms.** The inability to define and understand the data provenance of this portfolio was causing significant and growing regulatory fines and escalating costs from bad data. “Stealth” data stores only added to the problem. Existing AI/ML improved data management in some processes, but the firm needed to fully integrate data governance across the enterprise.

SOLUTION

Solution: Rocket® Data Intelligence

- 01** Delivered complete visibility into their data and its movement, enriched with business meaning and context.
- 02** Examined data from across the enterprise — from established systems to cloud programs like Snowflake, Apache, and Hadoop.
- 03** Leveraged robust APIs and metadata interchange to enable industry-leading, next-generation capabilities.
- 04** Developed scanners for the organization’s home-grown technologies and data lake.

RESULTS

Results:

Balanced speed, regulatory compliance, and data value with a monthly release strategy.

Implemented 125 project-mode applications per month.

Implemented 25 live applications per month.

Optimized integration, ensured seamless end-user experience and simplified governance.





Rocket® Data Virtualization

powered by **Rocket® DataEdge**

CHALLENGE

Challenge:

A leading financial institution stores a wide range of customer data on their mainframe, including profiles, locations, social media sentiment, and risk tolerance. They wanted to combine this data with external data sources in real time to analyze and act on the results quickly. Real-time analytics requires diverse datasets stored in different locations and data formats, but their mainframe data was very difficult to access, let alone combine with other sources. Moving the data via ETL would be too slow and costly. In fact, moving it at all could have risked the security and privacy of their customers' information.

SOLUTION

Solution: Rocket® Data Virtualization

- 01** Combines diverse data sources safely and effectively through data virtualization.
- 02** Operates on the mainframe, providing secure, real-time data access from any application.
- 03** Because queries return only virtualized views of sensitive data, **no actual data is touched**.
- 04** Customer privacy and regulatory compliance rules are preserved.

Rocket Data Virtualization's engine makes sophisticated web-based analytics interfaces possible. With Data Virtualization, the institution can locate, combine, and normalize all their enterprise data. The business now has instant access to critical information to make better-informed business decisions at much lower cost and risk. Their high-priority projects — cloud, mobile, real-time analytics — now run on complete, accessible data.

RESULTS

Results:

Speed time-to-market for new offerings by seeing complete data in real time.

Ensure secure, reliable integration from any platform or data source through standards-based connectivity.

Easily create, update, or expand applications because engineers don't need to be mainframe experts to leverage that critical data.

Speed time to value by combining mainframe data with any other data source, internal or external, in real time.



About Rocket Software

Rocket Software is the global technology leader in modernization and partner of choice that empowers the world's leading businesses on their modernization journeys, spanning core systems to the cloud. Trusted by over 12,500 customers and 750 partners, and with more than 3,000 global employees, Rocket Software enables customers to maximize their data, applications, and infrastructure to deliver critical services that power our modern world. Rocket Software is a privately held U.S. corporation headquartered in the Boston area with centers of excellence strategically located around the world. Rocket Software is a portfolio company of Bain Capital Private Equity. Follow Rocket Software on [LinkedIn](#) and [X](#).

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