



# Innovate and accelerate with Hybrid Cloud

---

Modernize without  
disruption by connecting  
core transactional  
systems with cloud IT



As an IT leader, you're charged with directing your organization's modernization journey. This is no small feat when your vital IT infrastructure seemingly consists of apples, pears and oranges: mainframe systems, distributed systems, IBM® i, and cloud. All while volatility continues to accelerate, business and customer demands increase, and innovation becomes more of an imperative.

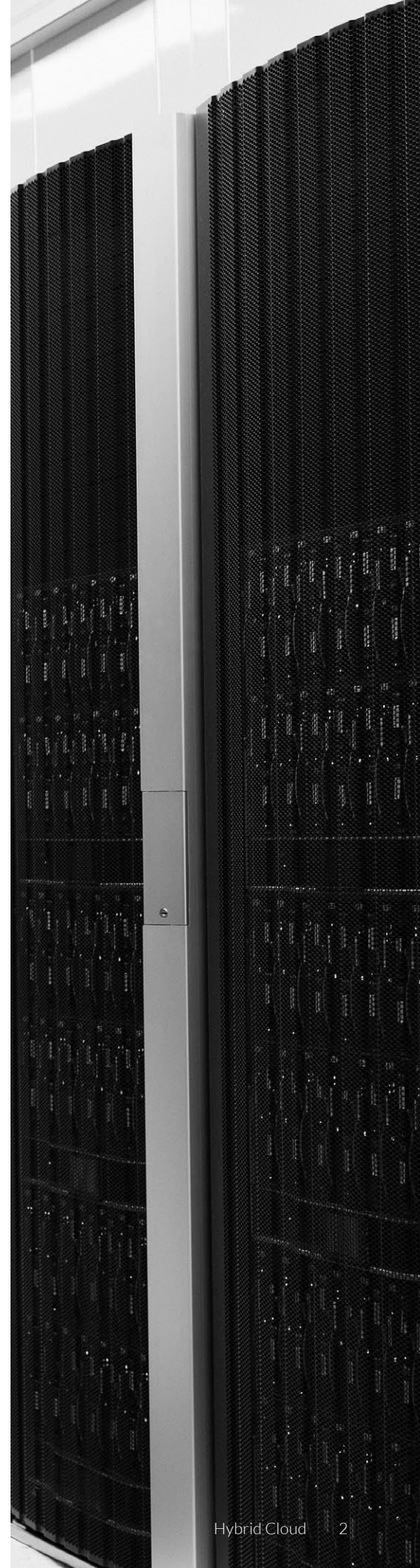
The solution to these challenges isn't found in one system or another but in multiple systems across your hybrid IT infrastructure. You need the harmony of a hybrid cloud strategy that enables you to get the best of both on-prem infrastructure and the cloud, one that aligns best with your digital transformation strategy.

## Embrace hybrid cloud

A true hybrid cloud strategy brings together the best of all IT worlds. Core transactional systems like the mainframe are well-suited for high-volume, transaction-based workloads. They host your critical data and systems of record with high reliability, availability and security. Cloud systems are great for analytics-type, scale-out workloads. They make it possible to store archival data safely at a low cost, or take advantage of premier AI, ML, and analytic capabilities.

---

The big challenge: How do you improve core data access to have the best of both worlds?



---

# Imagine

**What if you could harness the legendary reliability, availability, and security of your core transactional platforms while building on the elasticity, scalability, and velocity of your cloud investments?**

By using modern approaches that support a hybrid cloud strategy, you can:

- Leverage and extend your current investments with cloud strategies for more innovation
- Add scale and flexibility to your existing infrastructure to accelerate modernization
- Rationalize and eliminate information bloat and mitigate compliance risks
- Scale to meet business demands and opportunities



## What's blocking your modernization path?

It's clear the organizations are struggling with increasing complexity from siloed platforms, workload variability, and the growth of data and content. What's more, hybrid cloud initiatives increasingly require competency in core enterprise transactional systems in order to gain advantages for your business and customers. However, this is increasingly difficult due to a number of challenges:

- **Lack of Documentation and Access Expertise:** Cloud teams face challenges in understanding and accessing existing data systems due to inadequate documentation and specialized skills required for data retrieval
- **Synchronization and Technology Gap:** Companies often lack the technology necessary to synchronize data between their existing systems and cloud environments, posing challenges for data consistency and integration
- **Performance Concerns:** Concerns about the impact of cloud access on transactional systems raise worries about performance, potentially hindering efficient operations
- **Security and Compliance:** Extending systems to the cloud brings forth worries about security, privacy, and compliance, which mandates robust measures to address these critical concerns
- **Silos Hampering Innovation:** Siloed platforms hinder the efficient delivery of quality applications and data, slows innovation, hampers time-to-market, and obstructs the path to modernization and compliance

---

# 93%

of IT leaders want a hybrid IT model spanning mainframe to cloud

**ROCKET CIO SURVEY REPORT, 2023**

---

# 67%

of companies rely on mainframes and **25%** report workload growth from cloud/distributed environments

**RESEARCH CONDUCTED WITH IBM Z® ENTERPRISES**

## Mainframe processes

---

# 70-80%

of business data which is growing and being stored longer

**RESEARCH CONDUCTED WITH IBM Z ENTERPRISES**

# Optimize your hybrid cloud strategy and reach your business goals

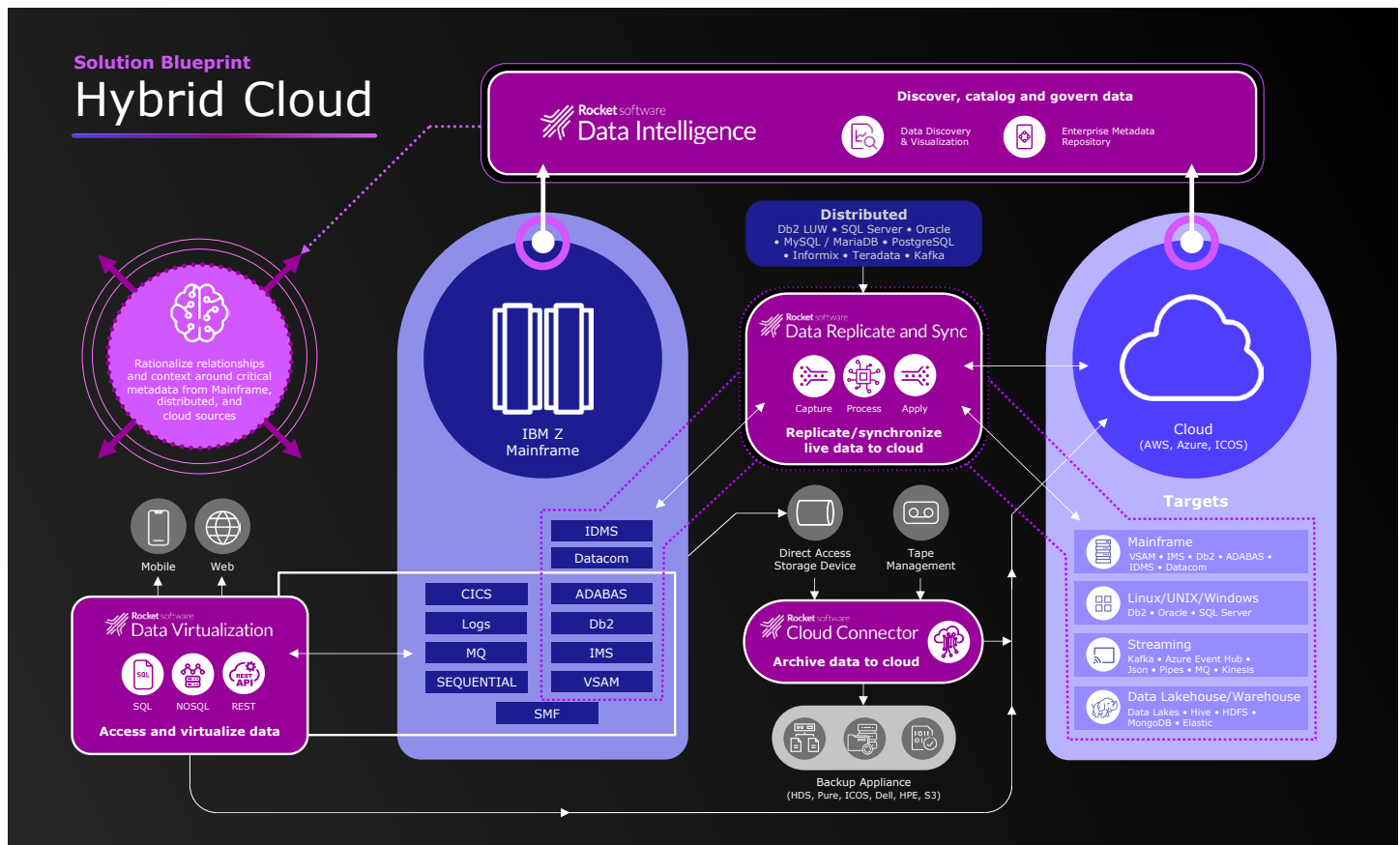
By partnering with Rocket Software, you can equip your organization with robust hybrid cloud solutions that support your business goals and overcome the aforementioned challenges.

With our suite of products developed with cloud in mind, you can build a hybrid cloud strategy perfectly tailored to your business.

Let us help you connect distributed systems, IBM Power®, and IBM zSystems® with your cloud and digital strategies to maximize the full potential and value of your organization's most critical applications and structured or unstructured data.

- Understand the data and content you have
- Provide easy remote access to data
- Replicate and synchronize data to the cloud
- Move and federate data with the cloud
- Archive data in the cloud economically
- Refactor and modernize core applications

Overall, this allows you to reduce costs, manage risk, and drive innovation, regardless of your unique hybrid cloud strategy and the core transactional systems operating within it.



---

# Solutions for data integration and beyond

## No matter where you are in your modernization journey, your data is the logical place to start.

With Rocket® Hybrid Cloud solutions, you can maximize the value of your data by discovering, querying, replicating/syncing, and storing data efficiently with or in the cloud. Got structured and unstructured data? Bring it on.

### Structured data integration

---

<a href="#">Rocket Data Intelligence</a>	Integrate, manage, and analyze data across various sources and platforms, regardless of whether they are on-premises or in the cloud. Streamline data management and analytics processes in hybrid cloud environments when dealing with data that is distributed across multiple platforms.
--	---

<a href="#">Rocket Data Virtualization</a>	Reduce the time, cost, and risk required to move data off the mainframe with ETL by providing secure access to data sources in-place. Unlock data for application development and enhancement and generate new insights that improve customer experiences, revenue opportunities, and risk mitigation.
--	--

<a href="#">Rocket Data Replicate and Sync</a>	Facilitate batch and real-time data replication, integration, and bi-directional synchronization between distributed, mainframe, and cloud platforms. Ensure data consistency and accessibility for hybrid cloud use cases ranging from coexistence to digital transformation to gradual migration.
--	---

<a href="#">Rocket Cloud Connector</a>	Reduce mainframe storage costs and keep data secure and accessible with seamless connectivity and data exchange between mainframe storage systems and cloud storage, allowing you to copy and move mainframe data to private or public cloud storage or on-prem storage appliances.
--	---

---

### Unstructured data integration

---

<a href="#">Rocket Content Services</a>	Seamlessly integrate, manage, and utilize content across diverse platforms in a hybrid cloud environment. From on-premises to cloud infrastructure, address complexities in content storage and enable efficient collaboration and utilization of data resources.
---	---

---

### The Mainframe Modernization Worry List

- How do I shrink my skills gap as experts leave while workloads continue to grow?
- How do I improve cost-savings and ROI?
- How do I mitigate security and business risks in code and sensitive data?
- How do I get more infrastructure flexibility and scalability?
- How do I improve productivity and agility to stay ahead of my customers' needs?
- How quickly and effectively can I bring my mainframe asset into my hybrid strategy?
- How do I scale business without breaking what works?

# Application modernization and development

Approaching modernization as a continuous effort will help you plan out if, and how, you'll build a hybrid cloud strategy. And we're more than ready to help. Our endpoint-agnostic solutions don't care where your code lives, no matter if you're developing new user interfaces, creating APIs, or enabling DevOps. On either IBM Z or IBM i, you'll comprehensively understand how the business is engaging these applications and their data. With the click of a button, you can refactor applications to be accessed as services from the cloud.

<a href="#">Rocket DevOps</a>	Streamline IBM i+ environments with an end-to-end CI/CD platform. Extend DevSecOps best practices, experiment with on-demand testing environments, and adapt swiftly to evolving compliance standards.
<a href="#">Rocket API</a>	Automate IBM i/Z workflows for enhanced productivity. Integrate IBM i/Z apps and data with critical applications, whether on-prem or in the cloud. Convert repetitive tasks into automated workflows and focus on optimizing cloud environments.
<a href="#">Rocket Process Insights</a>	Gain total workflow visibility for modernization priorities. Analyze data interactions and workflows to tailor modernization efforts for maximum business impact. Automate process discovery to API creation and visualize green-screen processes effortlessly.
<a href="#">Rocket Modern Experience</a>	Effortlessly modernize legacy green screen apps into user-friendly web, mobile, or cloud experiences. Create intuitive UIs aligned with user navigation, consolidating multiple screens into a single, efficient interface.

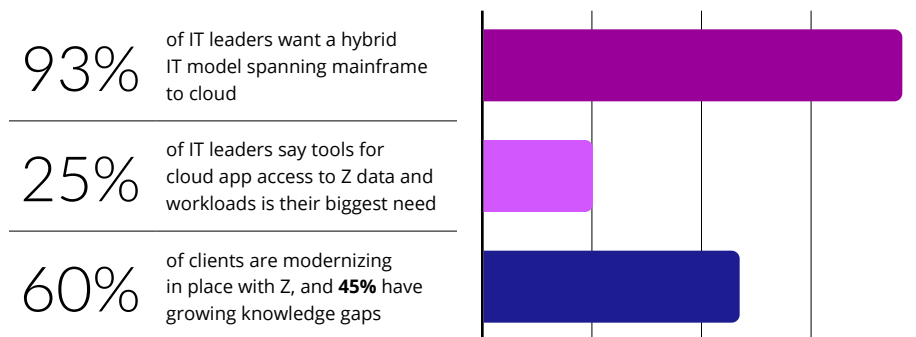
Modernization without Disruption

## Reality

56%

of decision-makers say mainframe solutions still make up the majority of their IT infrastructure. Relying strictly on mainframe or cloud solutions prevents businesses from capturing the true value of their tech stacks

## Hybrid is here and happening



---

# Modernize with confidence

## Are you ready?

With Rocket Software's Hybrid Cloud solutions, organizations no longer need to choose between agility and reliability, or sacrifice one for the other when modernizing their IT infrastructure. Instead, they can harness the best of both the cloud and on-prem platforms like the mainframe and IBM i to achieve optimal outcomes and drive innovation.

Enable new technology. Unlock new use cases. Scale with agility. Manage risk. Satisfy compliance standards. Optimize costs.

No matter where you are in your modernization journey and what your challenges, Rocket has multiple approaches to get you there. Let us help you find the right path.

# About Rocket® Software

Rocket Software partners with the largest Fortune 1000 organizations to solve their most complex IT challenges across Applications, Data and Infrastructure. Rocket Software brings customers from where they are in their modernization journey to where they want to be by architecting innovative solutions that deliver next-generation experiences. Over 10 million global IT and business professionals trust Rocket Software to deliver solutions that improve responsiveness to change and optimize workloads. Rocket Software enables organizations to modernize in place with a hybrid cloud strategy to protect investment, decrease risk and reduce time to value. Rocket Software is a privately held U.S. corporation headquartered in the Boston area with centers of excellence strategically located throughout North America, Europe, Asia and Australia. Rocket Software is a portfolio company of Bain Capital Private Equity. Follow Rocket Software on [LinkedIn](#) and [Twitter](#).

**The future won't wait—modernize today.**

Visit [RocketSoftware.com](https://RocketSoftware.com) >

**Talk to an expert**



© Rocket Software, Inc. or its affiliates 1990–2024. 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.

MAR-8785\_HybridCloud\_Brochure\_DataSuiteSolutions\_V4

