



Rocket® DevEx Solutions for Heritage Environments

Unlock the full potential of IBM® i,
IBM Z® and other heritage systems
with security-first, DevEx-driven
DevOps



Contents

- 01** Introduction
- 02** Rocket solutions for DevEx
- 03** Comprehensive solutions for every modernization path
- 04** What sets Rocket apart?



Introduction

Meet change — with confidence

Many organizations running core systems like IBM® i and IBM Z® are struggling to keep up with business requests to update decades-old homegrown applications. They're also trying to do so with manual processes and complex, disconnected tools — slowing innovation, increasing compliance risk, and making it nearly impossible to scale amid growing talent shortages. With 69% of developers losing eight-plus hours a week to inefficiencies and only 15–16% of their time spent coding (IDC), the cost of doing nothing is steep.

At Rocket Software, we recognize that a high-quality developer experience is key to strong business outcomes. Our DevOps solutions are built with an emphasis on Developer Experience (DevEx): Intuitive workflows, automation, and deep integration that empower your teams to deliver faster, higher-quality releases. These results hold true whether you're working in traditional green screen environments or modern IDEs.

The Challenges Facing Organizations

- **Manual processes slow you down:** 69% of developers lose eight-plus hours a week to inefficient workflows.
- **Talent shortages and skills gaps:** Only 16% of dev time is spent coding, and heritage skills are getting rarer every year.
- **Difficulty modernizing:** Most modern DevOps tools don't natively work with heritage languages like RPG, COBOL, BASIC, or on green screens.
- **Compliance risk and manual controls:** Regulatory environments are stricter than ever — but your audits, approvals, and security bottlenecks are still manual.
- **Customer experience at stake:** Clunky, error-prone processes mean slower delivery and inconsistent customer experiences.



Rocket solutions for DevEx

Rocket solutions for DevEx empower organizations to build a robust DevOps practice that matches what the business needs. Build a foundation for developer experience that allows developers to use the approach most productive for them. This is true for a green screen or a modern IDE interface, delivering strong business impact through developer productivity, improved code quality, and faster time to market. Whether organizations are standing up platform engineering teams or enabling Java developers to work on core system applications, Rocket helps them automate with confidence. We help mitigate compliance risks and empowers teams to deliver faster, smarter, and more securely across the enterprise.

Developer Experience is at the heart of every Rocket developer solution. We make it easy for your teams to work how they work best — green screens or modern IDEs; on-prem or in the cloud — without the complexity, friction, or lock-in.

With Rocket® DevEx solutions, you can:

Empower every developer

Rocket Software's DevEx solutions enable organizations to hook into modern, cross-platform DevOps toolchains (like Git, VS Code, and Azure Pipelines), deploy low-code development environments, and enable developers to choose working in either green screen or modern UIs. Simplify your onboard new developers and boost productivity for your existing teams working on IBM i and the IBM Z mainframe.



With Rocket, we're able to automate the deployment process and reduce our development team's manual efforts. This saves time and minimizes errors while ensuring that the appropriate files are packaged and sent to the right clients at the right time. "

Director of Engineering
Healthcare Systems
Software Provider



Deliver code faster

CI/CD integration, LLM API integration, Git-integrated source code change management, and AI-driven anomaly detection all enable faster code releases and free developers to focus on building and shipping great code.

Confidently deploy quality code

Automated testing, test ready environments, and secure promotion of changes means fewer errors are deployed, reducing security risk and downstream costs of late-stage debugging.

Build frictionless integration and flexibility

Rocket's solutions integrate with popular IDEs such as Visual Studio, Eclipse, and VS Code, and support multiple source code change management systems, including Git, allowing developers to work in their environments of choice and collaborate across teams seamlessly.

Enable AI and automation for all

You can have automation to help focus developers on productive work. You can have AI-powered code explanation for languages like COBOL or BASIC. Either enables developers to quickly understand complex codebases and gain deeper insights during application analysis. Developers of any skill level can maintain, update, and extend core applications — making modernization and digital transformation a reality for any team.

Enhance visibility and observability for proactive problem solving

Unified metrics, event data streaming, and AI-driven health monitoring provide real-time, end-to-end visibility across platforms. Early error detection and proactive anomaly identification enable fast resolution and more stable systems, freeing developers to innovate rather than firefight issues.

Enforce compliance

Minimize audit risk with policy enforcement via automation, pre-configuration, standardization, and Separation of Duties. All are backed by audit-ready reporting.



Rocket has helped us reach our goal of providing users with a simple, web-based interface to our back-end mainframe applications. Both user satisfaction and productivity have been significantly improved. "

Manager of Application Services
NT Government



Comprehensive solutions for every modernization path

Rocket® Continuous Modernization (IBM i, IBM Z, VT)

- Extends the life and value of existing infrastructures while delivering a contemporary user experience.
- Delivers efficiency by aligning resources to high-impact, strategic initiatives.
- Unlocks actionable insights into process discovery and modernization across IBM i, IBM Z, and distributed systems.

Rocket DevOps (IBM i+ environments)

- CI/CD for IBM i, coordinated with distributed/cloud teams.
- Automated deploy and release, audit-ready change management, compliance, and documentation.
- Integrate with Jenkins, Git, VS Code, and more.

Rocket® Enterprise Orchestrator

- Design, visualize, and automate processes across all environments.
- Orchestrate releases, integrate apps, and boost team productivity at scale.

Rocket® ChangeMan® ZMF

- Industry-leading release planning and change management for IBM Z.
- Simplify code delivery, reduce risk of errors, and maximize control.

Rocket® Enterprise Analyzer

- Deep insight into application dependencies and code impact — now with AI assistance.
- Inform modernization roadmaps and reduce risk during transformation initiatives.



Using TMON PA's automated reporting, I can generate easily digestible mainframe behavioral reports to present to leadership. The reports that would take weeks to develop are now available in a few hours with TMON PA. These reports have helped Banorte's leadership make educated decisions about operations and the company moving forward. "

Jorge Ortega
Deputy Director of Technical
Architecture
Banorte Financial Group



Rocket® TMON® & Rocket® C\Prof

- Unmatched mainframe monitoring, real-time performance analytics, and proactive management.
- Identify and resolve issues before they hit users.

Rocket® Support for Zowe

- Bring modern interfaces and open tooling to the mainframe.
- Improve accessibility, agility, and collaboration.

Rocket® Open AppDev for Z

- Native Git and Jenkins integration for IBM Z development.
- Use familiar workflows and enable cross-team contribution.

Rocket® PRO/JCL

- Modern DevOps for JCL — integrated, automated, and secure.
- Eliminate manual steps, reduce skills dependency, and accelerate delivery.

Rocket® MultiValue Application Development Platform

- Combines an embedded database and a powerful development environment built from the ground up with intuitive application modernization in mind to unlock innovation, speed, and scalability so organizations stay ahead of market dynamics without sacrificing performance or reliability.
- Reduce burden on specialized teams, cut down on backlog of business requests, and simplify deployment of critical applications.

Rocket® Uniface Application Development Platform

- Speeds up application development with a low-code, database-agnostic platform for fast, scalable solutions that can easily be used by developers and non-developers.
- Modernizes legacy systems by extending and integrating existing applications with new technologies.
- Boosts business agility through rapid deployment and streamlined maintenance.



Our developers love the Remote Scanning that PRO/JCL provides. The Eclipse plug-in opens doors to maximize our mainframe DevOps tooling by allowing developers to validate their JCL from within one interface. "

Team Member
Financial Services Company



Rocket Zena saved our team valuable time and allowed us to focus more on customer satisfaction. "

Marcelo Cantanhede
Executive Manager of IT
Services and Governance
Brasilcap



What sets Rocket apart?

01 Proven leadership

Trusted by thousands of enterprises for more than three decades.

02 Unmatched portfolio

The most comprehensive ecosystem to support modernization at your pace — across IBM i, IBM Z, distributed, and cloud.

03 Flexibility for every developer

Let teams use green screen or modern GUI; deploy low-code and support open source and enterprise tools.

04 Customer-first

From onboarding to ongoing success, our deep expertise ensures the only metric that matters is yours.

05 Cost-effective modernization

Transparent, flexible pricing so your investment drives outcomes, not complexity.

Real business outcomes

- Accelerate release cycles and reduce errors.
- Enhance compliance and security with confidence.
- Boost developer productivity and retention.
- Improve operational efficiency and deliver superior customer experiences.
- Empower your teams to innovate, not firefight.

See what's possible

Modernization doesn't have to mean disruption. **Unlock the full power of your core systems. Transform your developer experience. Innovate with confidence.**

[Talk to an expert](#)



About Rocket Software

Rocket Software is a global technology leader in modernization and a 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 3,200 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 throughout North America, Europe, Asia and Australia. Rocket Software is a portfolio company of Bain Capital Private Equity.



Modernization. **Without Disruption.**[™]

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