



Crucial Steps and Tools to Successfully Execute a Continuous Modernization Plan



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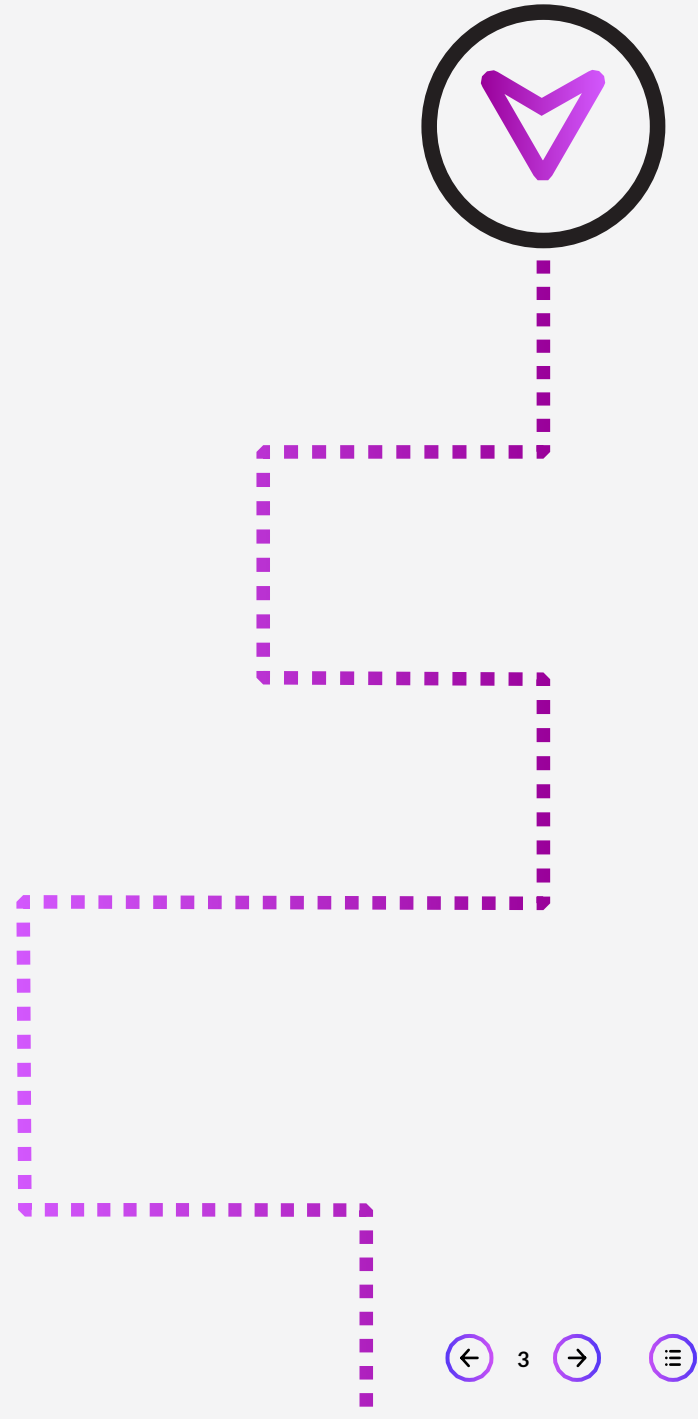
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Overview

The path to modernization is not a one-time event but a continuous journey.

As businesses embark on the journey of modern application development and cloud adoption, they unlock many opportunities for growth and innovation. Understanding the advantages of cloud and application modernization lays the groundwork for this transformative process, especially for IBM® i and IBM Z® users. When facing unexpected modernization challenges, it is ideal to design your strategy to execute an end-to-end, continuous modernization plan that strategically drives automation and ongoing business results.

A data-driven continuous modernization plan should include six crucial steps:



01

Process discovery

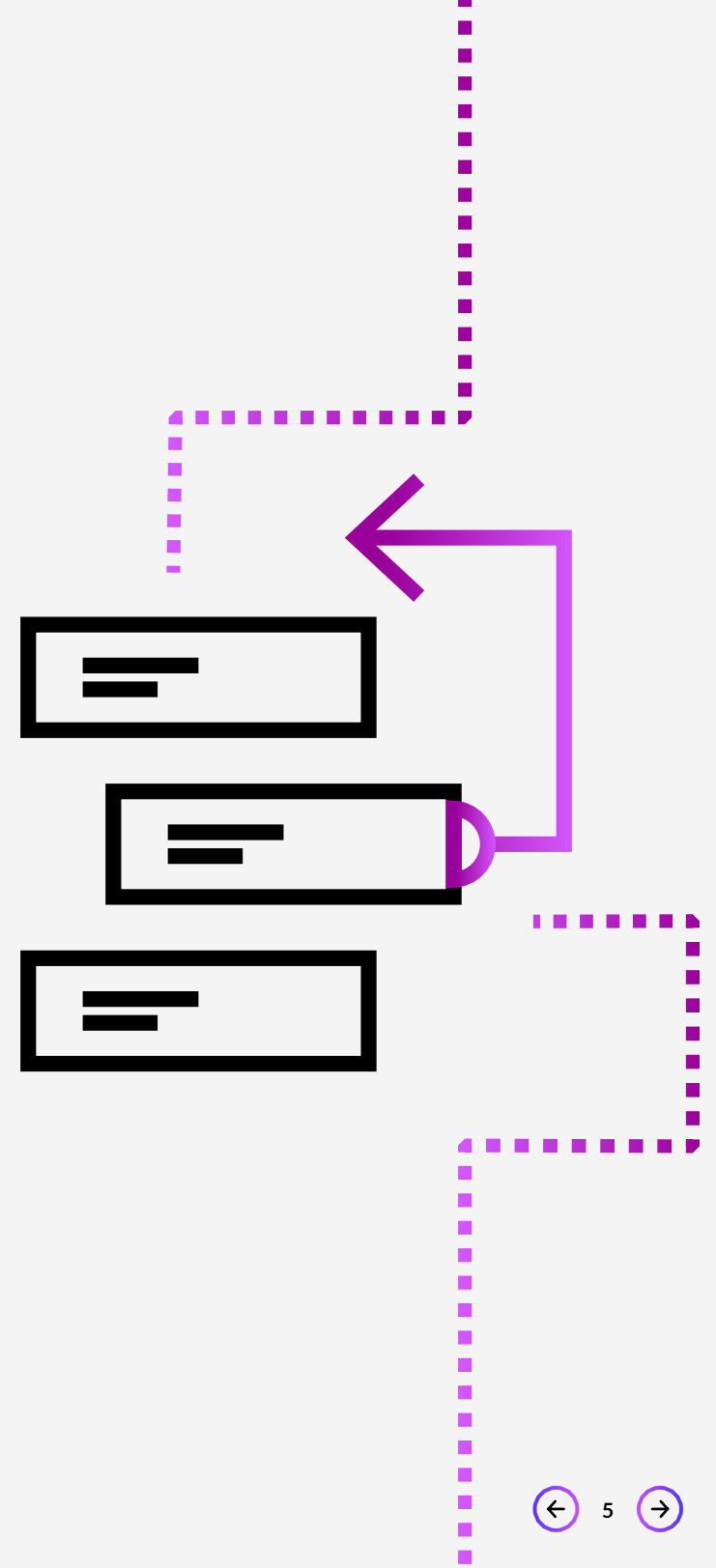
A detailed and data-driven understanding of IBM i / IBM zSystems® applications and ERP system usage is essential to kickstart the modernization journey. Process discovery helps assess workflows, estimate project timelines, and mitigate cost overruns. Collaborating with business and IT ensures comprehensive insights into application utilization, providing a solid foundation for modernization efforts.



02

Project prioritization

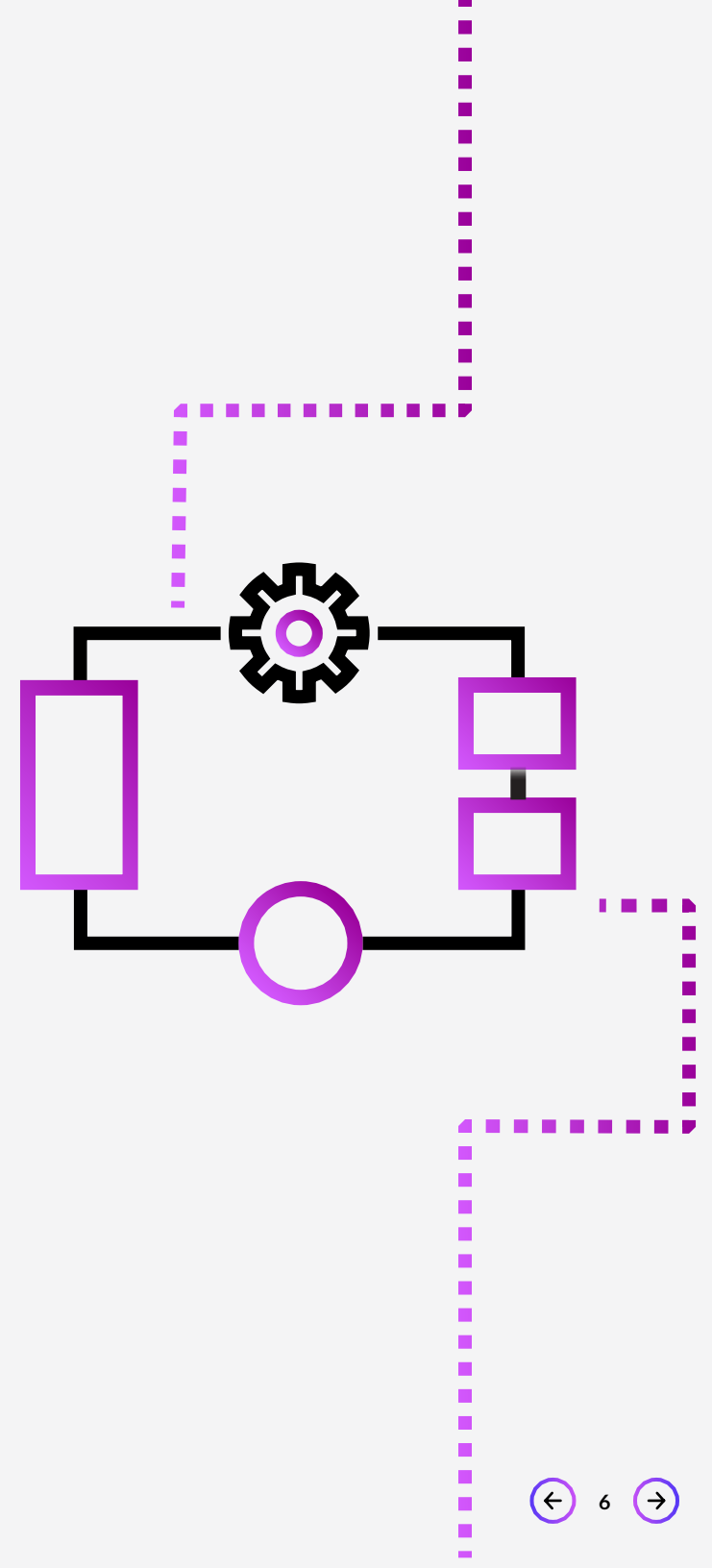
Armed with a clearer view of workflows and processes, organizations can identify critical areas for automation and modernization, delivering tangible value to the business. Prioritization aligns projects with success and secures buy-in from crucial stakeholders, showcasing direct links between proposed work and business impact.



03

Automation execution

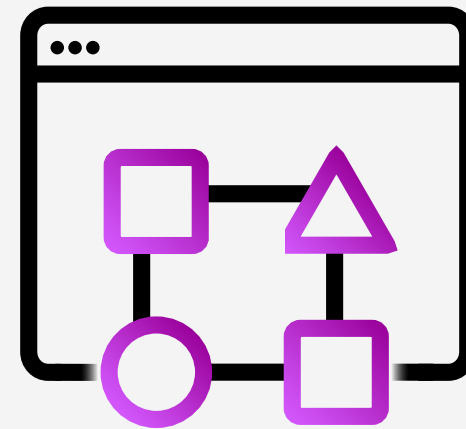
An efficient way to gain quick ROI is through Robotic Process Automation (RPA). By automating mundane tasks within workflows, RPA enhances productivity and user satisfaction, freeing up resources to focus on more critical tasks.



04

Modern user experience

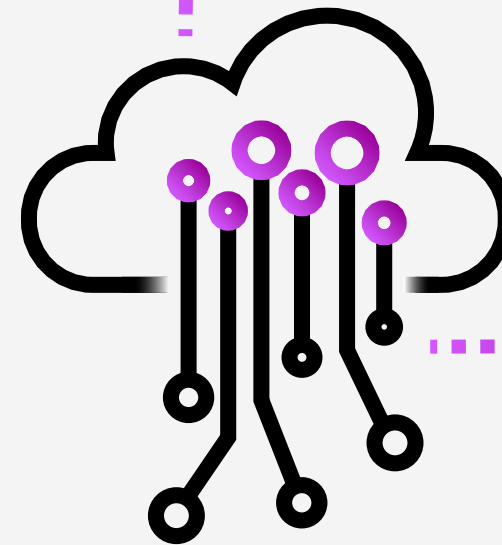
In pursuit of modern application development, organizations identify workflows burdened by legacy green screens slowing down user experience (UX). By creating user interfaces (UI) tailored to user workflows, featuring practical moving fields and intuitive flows, modernization efforts deliver improved user experiences.



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Process integration

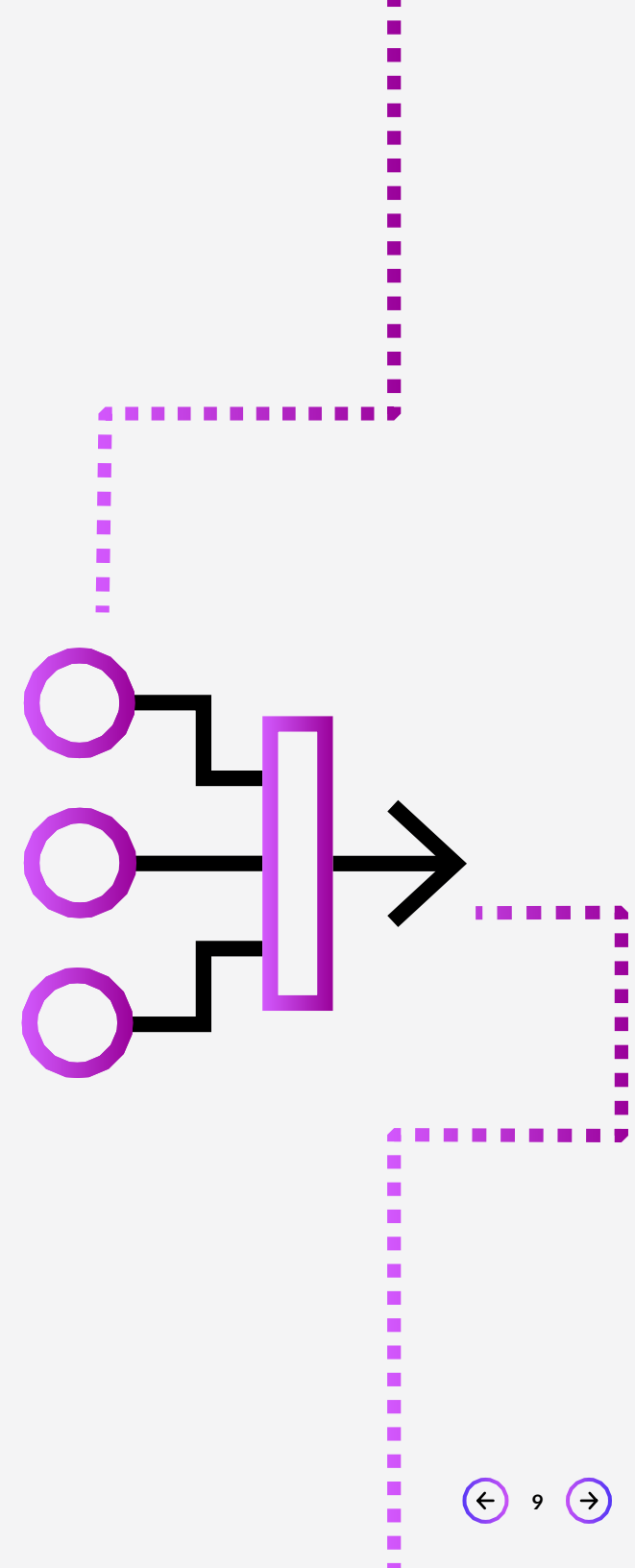
Building APIs to integrate IBM® i / IBM® zSystems' applications with critical business applications (ERP systems) fosters seamless data exchange and collaboration. APIs bridge legacy applications and diverse cloud-based services, breaking down silos and untethering business operations from IT infrastructure constraints. Efficient API implementation optimizes response times, bypassing terminal screens or accessing data directly from storage systems.



06

Automation management

Centralized management of robots and APIs through a DevOps-lite tool extends modernization and automation enhancements to developer environments. This automation streamlines processes, enforces policies, and boosts developer productivity, paving the way for continuous improvement.



Success

The success of a modernization plan depends on how it connects the power of modern application development and the cloud with cohesive integration, improved security, and enhanced efficiency. Organizations can confidently prioritize modernization efforts and effectively transform monoliths into microservices by thoroughly understanding these applications and workflows through process discovery. Your ERP software is affected whenever new processes, technologies, or trends arise. Industry volatility also warrants reviewing and updating the IBM i and Z application workflows.

To remain competitive, businesses built on IBM technology must embrace rapid modernization and automation. Historically, leaders grappled with choosing which workflows and processes to automate first and selecting appropriate tools to enact these changes. Rocket Software's continuous modernization solutions offer the means to construct data-centric strategies that yield enduring business outcomes.



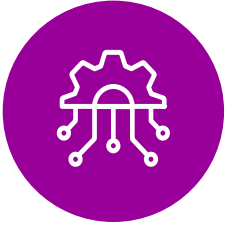
In Rocket Software's Continuous Modernization Kit (CM Kit) for IBM i and Z, you'll find a comprehensive suite of automation tools, highlighted by Rocket Process Insights (PI), Rocket API (API), and Rocket Modern Experience (MX). If you're an IBM i or IBM Z user, here are five reasons why integrating Rocket's CM Kit tools as part of your modernization journey is essential:



Illuminating End-to-End Workflow: Rocket Process Insights illuminates your organization's interactions with the data and business logic housed within your IBM i and IBM Z applications. It paints a comprehensive portrait of your legacy application landscape, enabling the creation of heatmaps that identify frequently used workflows and accessed data. This vantage point becomes a treasure trove for pinpointing prime candidates for workflow automation.



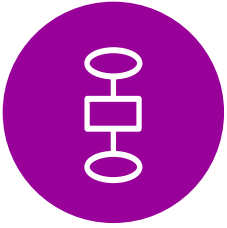
Mitigating Cost Overruns: A meticulous, data-driven appraisal of your workflows equips you to accurately gauge the temporal and resource commitments demanded by your project. This precision curbs the risk of budget overruns.



Facilitating Robot and API Creation: Launching into swift ROI territory begins with Robotic Process Automation (RPA). Data-informed workflows pave a frictionless pathway to crafting automation robots and APIs.



Crafting Modern, Intuitive User Experiences: Comprehensive workflow visibility empowers IT to identify navigational hurdles that impede users. This insight informs the construction of an intuitive user interface (UI) through Rocket Modern Experience, fostering enhanced user experiences (UX).



Enhancing Business Alignment: Rocket API fosters business alignment by knitting APIs that interlink legacy applications with vital business systems. This integration dismantles silos, nurturing a symbiotic ecosystem that liberates business operations and customer engagement from infrastructural constraints

Instituting a continuous and automated approach as an integral part of daily operations best informs your API and UX/UI modernization strategy. It also helps you drive business resiliency through productivity improvements and higher ROI on your systems. Incorporating Rocket Software's CM Kit's blend of data-driven insights, automated workflows, and process optimization will propel your organization toward sustainable modernization and innovation.

Rocket Software's Continuous Modernization Kit for IBM i and Z:

[Rocket® Process Insights](#)

A visual tool that lets you see your workflows in totality, giving you the information you need to build an intelligent and continuous modernization plan. It tracks how your organization engages with the data and business logic of your IBM i and Z applications. It helps you build a data-driven strategy that eliminates redundancy and wasted time within your workflows. Then, you can leverage Rocket modernization solutions (such as the integration with Rocket® API and Rocket® Modern Experience) or any other solutions of your choice to create modern user experiences and workflows that provide accurate results for your business.

[Rocket® API](#)

The only robotic process automation solution that delivers quick and significant ROI from automating your IBM i and IBM Z processes. It removes tedious, manual work that causes bottlenecks, introduces errors, and limits innovation without needing in-house legacy development expertise. It enables businesses running IBM i and Z applications to build workflows and innovative experiences that align with how customers and employees engage with your company and not how IT is made.

[Rocket® Modern Experience: \(UI/UX Modernization\)](#)

Quickly build modern user experiences for your mainframe and iSeries applications without relying on developers with COBOL or RPG programming expertise. Also, enhance your employees' and customers' web and mobile experiences while increasing productivity.

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.

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