Mainframe DevOps:
A Quick Start Guide

www.microfocus.com/mainframedevops

Introduction

A successful DevOps strategy will span the entire delivery lifecycle, from concept to customer. Its goal will vary depending on what the customer is looking for—perhaps improving time to market or quality, achieving feedback through process automation or continuous integration and delivery. For mainframe shops aspiring to deliver innovations faster, DevOps promises the greater levels of efficiency, collaboration and flexibility needed to meet rapidly evolving business needs.

Business Challenge

Improving responsiveness and embracing digital transformation means overcoming productivity, process and technology barriers. The modern enterprise must unite around one team and a single goal—IT delivery at the speed of business.

Improving mainframe collaboration and technical flexibility is challenging. Teams are siloed and use long-established, non-Agile development practices, creating a lack of cross-team engagement. Change on the mainframe requires specialized development tools and iterative, linear processes that create bottlenecks. Testing capacity is inflexible, and cost is prohibitive—creating another bottleneck.

• Limited knowledge of mainframe applications among delivery teams creates risk and bottlenecks to faster application change.

• Inefficient and outdated tooling alongside rigid mainframe process prevents parallel development at scale.

• Limited mainframe test capacity hampers earlier detection and resolution of quality issues.

The Micro Focus® approach to achieving DevOps levels of efficiency uses an incremental approach. Using it, mainframe organizations quickly identify business-critical delivery bottlenecks so development and testing teams can work together without productivity, process or technology limitations.

These unique mainframe solutions help achieve faster application delivery while preserving the integrity of core business systems—in short, to innovate faster and with lower risk.

Micro Focus Enterprise Suite offers dev and test teams the tools they need to focus on specific areas of improvement throughout the application lifecycle—plan, build, manage, test and deploy.

This staged and pragmatic approach to mainframe DevOps delivers real results, including demonstrable improvements of up to:

• 20% faster time to market.

• 40% savings in dev/test costs.

• 20% improvement in developer efficiency.

What's Changed?

For mainframe organizations, improving responsiveness to changing customer needs requires an evolution in how applications are modernized and delivered. Many web-based and mobile services use established systems of record to deliver the innovation needed to win and retain customers. Better business results depend on getting more done, faster. This requires more efficient delivery processes and additional testing capacity—all while containing mainframe costs.

A Quick Start Guide (cont...)

Why Micro Focus	Micro Focus is a global software company with 40 years of experience in delivering and supporting enterprise software solutions that help customers innovate faster with lower risk. We can enable your teams to deliver quick wins and build on that success.
Product Set	**Micro Focus streamlines the mainframe application delivery journey by helping teams easily collaborate across functional groups, streamline delivery processes, and embrace flexible models to achieve better results, faster. Micro Focus Enterprise Suite offers many capabilities in one integrated product suite:** • Plan: Enable visibility to application change and analysis. • Build: Develop quality mainframe applications and innovations, faster. • Manage: Improve development agility at scale. • Test: Increase quality by testing earlier in the development process. • Deploy: Optimize enterprise application workload with the right balance of flexibility and cost.
Customer References	**Steria** has streamlined mainframe application development and test activities, enabling greater visibility of change, higher quality code and faster time to market using a collaborative continuous integration solution. A unified development toolset has helped **SPV** to accelerate parallel development while improving collaboration and quality through faster and more frequent testing. A modern integrated toolset has enabled **Banca Popolare di Sondrio** to boost development productivity and test capacity while reducing mainframe costs.
Key Questions	• Does your rate of software delivery meet business expectations? • Are you being pushed to deliver faster and more frequently? • Is achieving a higher level of mainframe efficiency or quality important to the organization? • Can your dev teams leverage mainframe applications and resources to empower mobile and web development, integration or modernization? • Would additional capacity increase the number of releases and shorten delivery cycles? • What impact is development re-work having on your delivery timeline? • What are your development and delivery bottlenecks?
Resources	White paper: Real World DevOps for Mainframe Enterprises White paper: Deliver mainframe applications with confidence Blog: DevOps — Pressing Ahead Blog: Introducing Enterprise Sync: Delivering Faster Change Micro site: Microfocus.com/mainframedevops

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