

# DevOps Solution Discovery Workshop

Break down silos to collaborate and increase quality and speed of application development.

The DevOps movement is gaining traction in organizations around the world because it is the best way to address many of the competitive challenges enterprises are facing. It extends the most valuable aspects of agile development throughout the application lifecycle, removing the bottlenecks that slow down application development and delivery. Gaining a competitive advantage can mean the difference that gets that new customer, increasing your revenues and further enhancing your reputation in the industry.

But DevOps is not always easy for organizations to understand—or to implement. When organizations first grasp the concept of DevOps, it makes inherent sense—after all, removing silos to encourage collaboration, quality, and speed is clearly a winning proposition. But DevOps requires changes to technology, processes, and culture, making it challenging for organizations to adopt.

The Micro Focus® DevOps Solution Discovery Workshop® from Micro Focus Professional Services enables you to understand how you can implement DevOps across your organization with your business profile in mind. Our workshop enables you to build an execution roadmap to adopt DevOps practices across

your organization to improve speed, quality, and your ability to operate in a user-centric world by implementing a DevOps framework.

## Overview

The DevOps Solution Discovery Workshop helps you understand the value of collaboration between Dev and Ops as well as the value of automating the end-to-end DevOps process. Using the Micro Focus DevOps Maturity Model, we assess your current maturity level for development, operations, and collaboration-specific practices, and provide recommendations for improvements in progressive manner.

Through a series of presentations and interactive discussions, the workshop explores Micro Focus best practices and approaches from a people, process, and technology perspective. The outcome of the workshop is a set of actionable recommendations and an implementation roadmap for your organization to realize the value of DevOps.

The workshop provides a systematic approach to:

- Defining the business goals and objectives that DevOps can achieve for your organization

## Key Benefits

The DevOps Solution Discovery Workshop helps you to:

- Prioritize initiatives across development and operations teams to accelerate DevOps adoption to improve the speed of application release
- Gain developer, operations, and executive stakeholder buy-in and give traction to your DevOps initiatives
- Accelerate your ability to transform to a more agile, quality-oriented, user-centric organization

- Evaluating and quantifying your current DevOps maturity level so that you can determine the specific actions needed to increase DevOps adoption
- Defining a roadmap to help you accelerate progress along the Micro Focus maturity model to the desired state that supports your objectives

- Business value analysis to help you develop the business case for implementation

**Key Features**

The foundation for this workshop is the Micro Focus DevOps Maturity Model, represented below. Micro Focus can help quantify the maturity level of an organization’s DevOps

practices and characteristics on a progressive scale. Based on this assessment, we make actionable recommendations for improvements in alignment with your strategies, goals, and objectives.

Key elements in the maturity model include:

- **Development practices:** Apps decoupling, Continuous Integration and Apps Hub,




Maturity Model	1 Initial	2 Managed	3 Defined	4 Measured	5 Optimized
<b>People</b> 	Ad-hoc communication & coordination Silos still in place	Managed communication Shared decision making Ad-hoc collaboration Specialized people Some agile leaning	Shared accountability Dev and Ops teams inside Release Trains Some cross-functionality Lean-Agile disposition expressed	Collaboration as culture Integration roles between Dev & Ops standard Cross-functionality prevalent Lean-Agile mindset prevalent	Optimized for DevOps Shared Ops teams formal Knowledge sharing & individual empowerment High cross functionality Lean-Agile leaders with a collaborative mindset
<b>Process</b> 	Uncontrolled or reactive processes Predominantly waterfall	Unstandardized processes Dev & Ops Processes separately owned & managed Some agile adoption and iterative practices	Processes standardized Common KPIs Agile & Kanban in dev & ops	Visibility & predictability of entire process Continuous practices in a DevOps pipeline Lean-Agile approach scaled across the enterprise	Process risk & cost optimization Highly optimized processes Continuous assessment impacts optimization Agile\Lean drives process optimization
<b>Technology</b> 	Little or no automation	Siloed automation for Dev & Ops tools & practices No central infrastructure Some collaborative tools	Centrally automated & integrated Infrastructure as code exists Managed test environments Collaborative tools standardized	Automated metrics collected & analyzed against business goals Automated prod release Automated reuse & remediation Infrastructure as code e2e	Self-service automation for all infrastructure Analytics enables self & remediation DevOps pipelines are deployable & integrated across the organization

Figure 1. Micro Focus DevOps Model

Test Automation, Good Coding Practices, Configurability and Maintainability

- **Operations practices:** Ops Hub, Infra as Code, Automated Release Management, Resolution Practices, Monitoring, Shift Left Rollback And Recovery, Shift Right QA
- **Collaboration practices:** Shift to Systems Engineering, Shift Left Platform Modeling, Shift Left Monitoring, Shift Left Rollback And Recovery, Shift Right QA
- **Extended practices:** Continuous Assessment, Continuous Modeling, Continuous Operations, Apps/ Ops Hub Sync, Governance

The model looks at the maturity of these practices from three angles: process, automation, and collaboration:

## Service Description

The DevOps Solution Discovery Workshop delivers:

- An assessment of your organization's DevOps maturity and areas of improvement required across development and operations.
- An initiative roadmap aligned to your existing DevOps maturity, challenges, and identified areas of focus, and designed to provide improvement and acceleration of your journey toward implementing a DevOps framework.
- Assessment of the estimated business value of each initiative based on either dollar savings or capacity improvement for your delivery capability.

The workshop is conducted as follows:

## Discover and Assess

Micro Focus and your nominated project coordinator will conduct pre-workshop planning to identify applications and projects that are ideal and pertinent to obtain an effective view of the organization. The team then identifies stakeholders who need to be involved and are the effective product owners of the workshop outcomes. We then review the capability and maturity of your agile processes, methods, and operations, through questionnaires, workshops, interviews, and a review of systems, documents and other artifacts at the enterprise, program, and team levels.

## Gap Analysis

After the review, we identify strengths, gaps, challenges, level of pain, and assists, to validate gaps within the organization. Our analysis covers process maturity, organizational effectiveness, and technology readiness.

## Roadmap and Recommendations

We provide a DevOps maturity profile, opportunities for improvements, and a roadmap for implementation that considers quick-win initiatives as well as those that have been prioritized to be implemented over 12 months. Optionally, we can also provide business value on an initiative-by-initiative basis associated with a DevOps transformation.

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## The Micro Focus Professional Services Difference

Micro Focus provides unmatched capabilities with a comprehensive set of consulting and implementation services and unique intellectual property that help you drive innovation through streamlined and efficient software delivery.

- Proven Micro Focus software solution implementation expertise
- More than 20 years of experience helping large, complex, global organizations realize value from their Micro Focus software investments
- Rich intellectual property and unparalleled reach into product engineering
- Technology-agnostic implementation approach with no vendor lock-in, no rip-and-replace
- Education and support services to ensure adoption

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