

Enterprise DevOps: Continuous Deployment & Release Services

Deliver applications at the speed of business with Infrastructure-as-Code.

Overview

DevOps is gaining traction globally because organizations recognize it as the best way to deliver value faster, reduce risk and achieve great outcomes for both the organization and its customers.

Many organizations are now looking to move beyond their initial footprint, but adopting DevOps across the board and scaling it to the enterprise level is not just “doing more of the same.” DevOps spans the entire IT Value Chain, and finding the best starting point can be a challenge, as is driving adoption of the necessary changes across technology, process, culture, and overall mindset.

At Micro Focus® Professional Services, we have helped many customers succeed with a “think big, start small” approach. This approach uses our Enterprise DevOps Operating Model to set the vision, and starts the implementation where you can make the biggest impact in the shortest time.

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Key Features

Micro Focus Continuous Deployment & Release Services enable organizations to

increase the quality and speed of application development and delivery through:

- Best-of-breed (Micro Focus, third-party, and Open Source software) technology stack
- Our Enterprise DevOps Model Office reference implementation
- Our Enterprise DevOps Operating Model with its process maps, KPIs, roles and responsibilities, and Scaled Agile Framework (SAFe) alignment
- Management of Organizational Change to drive adoption and cultural change

Knowing that each customer is unique, we combine all of these elements using our Enterprise DevOps Operating Model to define the framework and solution that work best for you. Our Continuous Deployment & Release Services employ the following approach:

- Assessment of your current maturity
- Development of a prioritized roadmap of activities, clearly identifying quick wins as well as mid- and long-term initiatives
- Accelerated implementation using our Model Office as the reference point
- Coaching coupled with Management of Organizational Change consulting to assist with the adoption of new DevOps practices, processes, and tools
- Continuous execution in line with the roadmap

Key Benefits

- Accelerate the pace of your application release
- Reduce the cost of infrastructure utilization
- Improve the productivity of your infrastructure team
- Increase collaboration between your Dev and Ops teams
- Reduce the risk from unsanctioned technology usage
- Increase flexibility and ability to react to unplanned situations

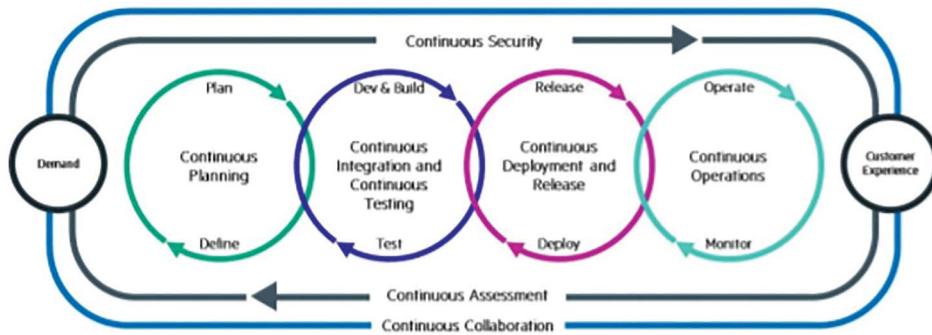


Figure 1. Micro Focus Enterprise DevOps

Protecting Your Investment

We recognize that you may have already made investments in your tooling, and we protect those investments with a best-of-breed solution. Our DevOps Model Office provides pre-configured integrations, using our Common Integration Framework, between our software solutions (such as Micro Focus Application Lifecycle Management Octane and Micro Focus Hybrid Cloud Management Suite) and your third-party and Open Source tools (such as Jenkins, Bamboo, Chef, Puppet, and Git).

Continuous Deployment & Release Services

Overview

Continuous Deployment & Release is a practice that promotes a successful build across

the stages of the DevOps pipeline and makes it available for deployment in production. The stage gates of the pipeline can be fully automatic using test status as a decision criterion, or can involve a human decision maker.

This practice bundles applications, infrastructure, middleware, and their supporting installation processes and dependencies into release packages that transition across the lifecycle. It creates a repeatable, reliable process for deployment and releases into production by providing process automation that orchestrates complex deployments across all of your enterprise environments. Deployment and release automation bridges the DevOps divide by simplifying and automating handoffs and deployments across development and operations teams.

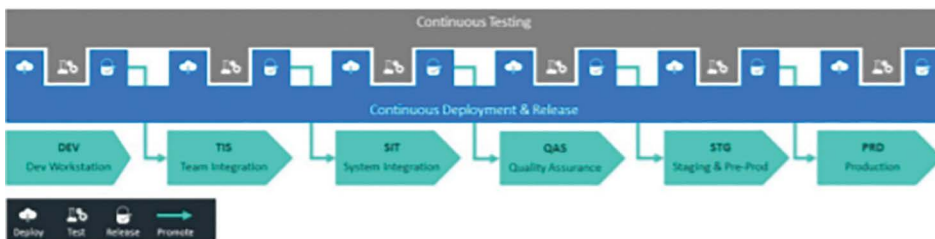


Figure 2. Continuous Deployment and Release flow

Challenges

Implementing Infrastructure-as-Code, the most mature and sophisticated approach to Continuous Deployment and Release, is a challenging task:

- Difficult to manage complex environments with too many clouds, tools, and applications lead to overburdened staff and slow delivery response times
- Lack of end-to-end automation and custom integrations result in high cost, error-prone operations, and an inability to deal with unplanned work
- A silo approach to Dev and Ops inhibits speed and flexibility, delaying innovation and time to market
- Multiple self-service portals with inconsistent service consumption experience create user frustration
- Frustrated users deploy unsanctioned, unmanaged technology, exposing the enterprise to increased business risk

Capabilities

Micro Focus Continuous Deployment and Release Services help you build and adopt the following capabilities:

- Defined, enforceable release processes from planning to production delivery and beyond
- Choice and flexibility with support for hybrid cloud, Docker-based, and mobile deployment
- A centralized release calendar, detailed process metrics, and easy-to-use dashboards
- Simplified decision making, approvals, request routing, ownership, and issue remediation
- Automated application and platform deployment, with fully orchestrated

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IT processes and actions, driven by preconfigured integrations with your existing toolset, delivering a workflow for your specific enterprise needs

- Centralized self-service developer and administrator portal
- Unified management of hybrid clouds, containers, environments, and technologies
- High-rate deployment cadence with zero downtime and predictive deployments

Benefits

Through our Continuous Deployment & Release Services and Infrastructure-as-Code, you can gain the following benefits:

- Accelerate the pace of your application release
- Reduce the cost of infrastructure utilization
- Improve the productivity of your infrastructure team
- Increase collaboration between your Dev and Ops teams
- Reduce the risk from unsanctioned technology usage
- Increase flexibility and ability to react to unplanned situations

The Micro Focus Professional Services Difference

We provide unmatched capabilities with a comprehensive set of Enterprise DevOps

consulting and implementation services and unique intellectual property that help you accelerate innovation and deliver high-quality applications faster. We bring:

- Market-leading technology
- Unique DevOps Operating Model and Model Office reference implementation
- Global reach with practitioner-level experience in implementing DevOps tool chains within complex organizations
- Expertise in Micro Focus tools and their practical application for DevOps
- More than 20 years of experience helping large, complex, global organizations realize value from their Micro Focus investments
- Knowledge, expertise, and experience in managing organizational change for transforming organizations
- Best-of-breed tool frameworks for continuous integration, testing, delivery, deployment, operations, and assessment
- Extensive educational services for Enterprise DevOps, Scaling Agile Framework, and Application Lifecycle Management

Learn more at

www.microfocus.com/devops-solutions