

## SERVICE OVERVIEW

# TEST PROCESS MODERNIZATION

### Overview

Ensuring that applications meet the requirements of the business and are ready for deployment can be daunting. Today's business applications operate on multiple platforms, contain vast amounts of business functionality, and support countless users interacting in diverse and unpredictable ways. With such complexity, it is not possible to fully validate all possible paths through an application. Consequently, it is difficult to judge when an application is truly ready for production.

- How do you make the decision to deploy?
- What metrics do you need to make a "go/no go" decision?
- How do you ensure the most critical requirements are met?

Many organizations resort to testing just prior to deployment when it is often too late and very costly to fix problems. Such traditional approaches to application delivery are often ineffective due to the lack of consistent adherence to process and inadequate quality metrics upon which to base deployment decisions.

*"Quality Assurance is more than simply testing software; it applies to the evolution in maturity of how a company develops or acquires and implements software applications. A change in IT organizations from a structure with primarily internal resources to a combination of internal and external sources has increasingly highlighted the need for strong QA practices."*

**Margo Visitacion**, Principal Analyst at Forrester Research

### Benefits

Micro Focus offers a more effective approach to application delivery.

Unreliable applications can have serious consequences for the business as well as the IT organization. By systematically following a quality assurance process, the risk of deploying unreliable applications can be managed and controlled cost-effectively.

Micro Focus' Test Process Modernization solutions provide greater control over application delivery by uniting time-tested technologies, proven processes and quality assurance expertise.

By linking development, quality assurance and operations, organizations will have the confidence that applications will meet business requirements and perform reliably when they are deployed.

### The Approach

To successfully improve quality, IT organizations must integrate and manage quality at all stages of the application life cycle.

Managing quality is a continuous process of identifying, defining, measuring, managing and mitigating risks—or failures—to drive greater business value through better performance, lower costs and more predictable delivery.

Micro Focus Test Process Modernization is a comprehensive service that covers the entire application quality life cycle.

It uses a full complement of enterprise-wide methods and tools that automate critical quality assurance tasks, including:

- Business Requirements Analysis
- Test Case Creation
- Test Execution
- Test Management
- Test Automation
- Performance Assurance

Micro Focus exploits class-leading technology to integrate these core processes that are critical to developing a consistent quality platform, providing functional capabilities, methodology and workflows.

In addition, our services recognize the need for trained professionals who can help the customer develop the infrastructure, processes, standards and practices necessary to:

- Get the full use of supporting technology, and
- Mature the quality function to deliver better results.

Micro Focus offers a robust set of integrated services that are designed to meet the targeted, short-term needs of customers as well as long term quality improvement.

Our objective is to provide a simple, easy first step so that customers can gain immediate value from their Micro Focus solutions, as well as quantify and deliver the longer-term results of using products, services and solutions.

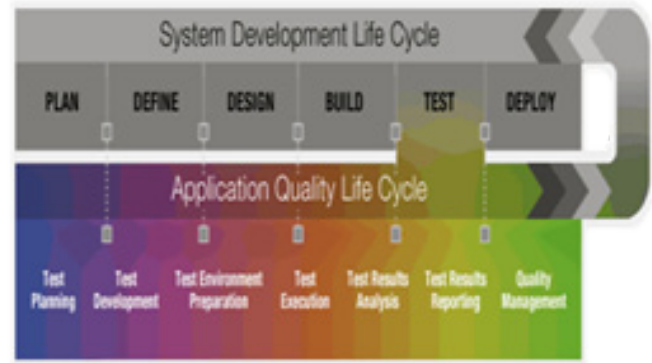
*“Investing in quality is imperative. With more than half of all software projects considered failed or challenged and with support costs for defective software running as high as 50 percent of the total development cost, companies must invest in quality.”*

**Margo Visitacion**, Principal Analyst at Forrester Research

## Service Offering

Micro Focus Test Process Modernization enable IT organizations to deliver enterprise-wide application quality. These solutions increase productivity by delivering reliable applications on schedule and within budget with a reduced number of resources. Our service options include:

- **Test Process Assessment** - A review of a client’s existing testing process and documentation to identify areas for improvement based on comparison to industry best-practices, process gaps, and opportunities for refinement in anticipation of the automation technology.
- **Getting Started** - Services specifically designed for any organization that wants expert assistance in planning, design and deployment of test automation technology.
- **Up and Running** - Process review, process optimization, technology configuration, managing projects, essentials training and deployment review.
- **Test Project Mentoring** - Project coaches will work with the client to determine key activities, which may include Project Launch/Process refresh, migration services, quality reviews, on-call support/training, project administration, tailoring, etc.
- **Test Automation** - Leverage the experience of Test Automation professionals to plan and deploy test automation technology in your development and QA environments.
- **Performance Testing** - Services that help organizations test the scalability and responsiveness of their applications prior to production and build performance excellence into their applications.
- **Test Process Health Check** - This is typically a post - Deployment engagement to review original client objectives, measure progress, provide additional administration mentoring, workflow development, or configuration activities as needed. Will scope next steps to continue to expand the use of the technology in client organization. Also, used to re-evaluate an organization’s current Quality Maturity compared to a previous Quality Maturity Level Analysis.



Micro Focus services support the full application quality lifecycle

## Advanced Services

Micro Focus’ expertise and experience in testing and quality provide a means for advancing our client’s in their quality practices. These Advanced Services focus on maturing an organization’s quality practice as well as providing advanced skills for critical projects. These additional services include:

- The **Requirements Definition & Management** service is an iterative and collaborative approach for defining and managing software requirements across the five critical requirements process areas-elicitation, analysis, specification, validation and management.
- The **Change Management** service helps, geographically distributed and centralized software teams control and orchestrate change throughout the application lifecycle. Teams can also eliminate communication breakdowns and disorganization by leveraging best practices when managing project activities and associated digital assets.
- The **Software Test Management** service gives you control of and visibility into the entire software application testing process. From planning to test-and-fix cycles to final decision support. The scalable solution provides a framework that enables you to manage the software testing process.
- The **Software Test Automation** service will help you reduce the business risk associated with releasing applications of unknown quality, reliability, performance and compliance by automating three critical software test areas: Continuous Integration and Test, Automated Functional Testing and Software Performance Testing.
- **Migration to Automation** provides robust, maintainable and cost-effective test automation, ensuring reduced business costs and increased application quality.

- > **Application Performance Assurance** helps your organization avoid the catastrophic effects of application performance failures, such as lost customers and revenue, lack of end-user adoption and even erosion of company reputation.

The **Micro Focus Test Process Modernization** services are designed to help global organizations manage and improve software delivery. Whether utilizing agile, iterative or waterfall approaches, Micro Focus brings together software delivery best practices, real-life customer successes and innovative technology to address the complexity faced by today's software organizations. Call us today to discuss your quality requirements.



For additional information please visit: [www.microfocus.com](http://www.microfocus.com)