

Unified Functional Testing

Reduce the time, complexity and cost of functional testing while driving continuous quality.

Meeting the Needs of Technical and Non-Technical Users

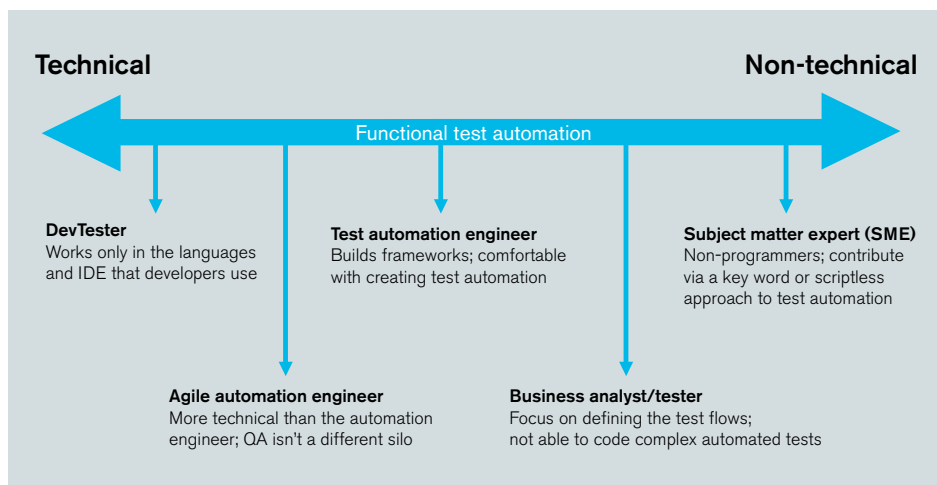


Figure 1. Unified Functional Testing addresses the testing needs of any organization regardless of skillset.

Product Highlights

Micro Focus® Unified Functional Testing (UFT) software automates functional testing through an intuitive, visual user experience that ties manual testing, automated software testing, and framework-based testing together in one integrated development environment (IDE). The capabilities in UFT help you significantly reduce the cost, time spent, and complexity of the functional testing process while driving continuous quality.

Key Features

Continuous Testing

UFT is the industry-standard for software test automation, with proven capabilities for meeting the challenges of today's agile, modern application teams.

UFT leverages a broad ecosystem of integrations—from source control management tools such as Subversion or Git, to continuous integration tools such as Jenkins and TeamCity. Functional tests can be triggered as part of the regular build process and run results reported in Micro Focus Application Lifecycle Management (ALM) or Micro Focus Quality Center. Teams are instantly alerted to issues to keep Agile projects on track.

UFT also includes the Micro Focus UFT Pro (LeanFT) solution designed for Agile testing where test creation is done in Microsoft Visual Studio(C#) and Eclipse/IntelliJ(Java).

API and Web Services Testing

UFT API and Web services testing capabilities give your teams an extensible framework

for creating and executing functional tests of “headless” applications or the non-GUI parts of an application. With an easy-to-use, visual interface, UFT gives you the ability to test at the headless layer without the need for extensive coding.

UFT is also fully integrated with Micro Focus Service Virtualization, powerful software that enables your testers to use simulated services that stand in and behave like the actual application component. With UFT integration to Service Virtualization, your automated testing teams can achieve delay-free continuous testing.

Distributed Testing with New Run-Time Engine

The new run-time engine in UFT allows parallel execution on different platforms, mobile devices and servers (real and virtual) without the need for a full UFT license or installation.

Micro Focus Business Process Testing

Teams can use the Micro Focus Business Process Testing (BPT) framework for keyword-driven and scriptless automation for web, desktop, and packaged applications such as Oracle, PeopleSoft, and SAP. Through creation of reusable business process components capable of handling both manual and automated contents, and its automatic component and process flow change detection capability, BPT helps simplify test automation for less technical users such as business analysts and subject matter experts (SMEs). This speeds up test creation and maintenance for faster testing ROI.

Cross-Browser Testing

UFT provides extensive cross-browser support for Chrome, Firefox, Safari, and Internet Explorer. Tests can be recorded on one browser and the same script can be used with no adaptations to test multiple browsers and configurations. If desired, the same test run can cover all the different browsers by having each test iteration executed on a different browser, with one report covering the test flow status on all desired configurations.

Mobile Testing

As a key component of Micro Focus Mobile Center, UFT allows real device testing on multiple operating systems. It enables your mobile testing teams to both automate and accelerate testing, reusing testing scripts on multiple real devices. The solution is built to support frequent-intensive regression and functional testing, and it supports both Agile and continuous development processes.

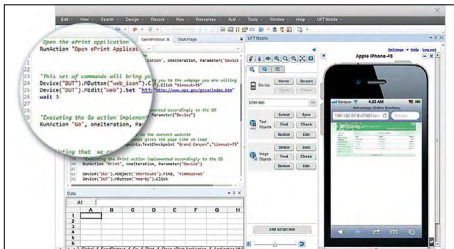


Figure 2. Use the same automation technology of UFT for real mobile device testing.

Key Benefits

- **Single unified interface:** Automate testing for both GUI functionality and the back-end service parts of an application.
- **BPT integration:** Create, edit, and maintain BPT framework tests directly from Micro Focus UFT.
- **Parallel execution on major OS and browsers:** Run tests on the latest versions of Windows, Linux and MacOS and browsers like Chrome, IE, Firefox, and Safari
- **Advanced object recognition and management:** Create and execute test scripts using robust object recognition and management technologies including Object Spy, Object Repository, Object Identification Center and Application Model.
- **Manual test conversion:** Jump-start new automations by importing manual tests from Micro Focus Sprinter; convert the results into reusable test automation assets for regression and integration tests.
- **SAP testing:** Leverage extensive support for SAPUI5 objects and methods, SAP Web Dynpro, ABAP, and the SAP NWBC Desktop application.
- **Version control:** Version control can be done with Micro Focus ALM or a standard source control system like Subversion (SVN) or Git repositories.

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Supported GUI Technologies	Web, Java, .NET, Flex, Oracle, SAP, PeopleSoft, Siebel, Delphi, Terminal Emulators, PowerBuilder, Stingray, VisualAge, QT, and more
UFT Minimum System Requirements	
Host Processor	3 GHz or higher
Operating System	Windows 7 Service Pack 1 (32-bit or 64-bit)
Memory	4 GB
Hard Disk Drivet	7,200 RPM
Color Settings	High color (16-bit)
Graphics Card	Graphics card with 64 MB video memory
Free Hard Disk Space	20 GB of free disk space for application files and folders

Table 1. Technology platform support

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[Micro Focus UFT Help Center](#)