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Compare Functional Testing Software Products and Editions

The definitive guide to understanding Micro Focus Functional Test Automation offerings

Micro Focus offers you a choice of functional testing software tools to help find the best solution for all your digital testing needs. The purpose of this document is to provide the reader with information about the differences between legacy functional testing products: Quick Test Professional (QTP), Quick Test Professional Essentials (QTP-E), Functional Testing (FT), Service Test (ST), Unified Functional Testing (UFT) Enterprise, and Lean Functional Testing (LeanFT) and the latest solutions: Micro Focus UFT One (formerly Unified Functional Testing) and Micro Focus UFT Developer (formerly LeanFT).

We recommend upgrading to the latest release of the UFT Family software to keep current on the latest advancements in features, capabilities, and software testing technologies, designed to help facilitate GUI, application program interface (API), business component, and end-to-end testing using an intelligent AI-driven test solution.

UFT One at a Glance
Micro Focus UFT One accelerates end-to-end functional testing with one intelligent tool that builds and automates tests for web, mobile, API, and enterprise apps using embedded AI-based capabilities:

- Accelerate end-to-end testing
- Boost productivity with Intelligent Automation
- Increase test coverage across the UI and API—and everything in between
- Efficiency at scale
- Control, communicate and collaborate
- Eliminate bottlenecks with an extensible DevOps ecosystem

Introducing the UFT Family with version 15.0, Micro Focus UFT unveils a family of integrated Functional Testing solutions that enables customers to test earlier and faster by combining a breadth of technology support with AI-driven capabilities. This provides the speed and resiliency required to achieve automation at scale that is tightly integrated with an organization's current DevOps toolchain.

UFT Ultimate
- Special edition for UFT Family
- Offers all add-ins and supported technologies that work on either the GUI or the API/services layer
- Available as Concurrent only
- Includes BPT, Sprinter, and UFT Mobile (for functional testing purposes only)

UFT One
- Equivalent to the UFT license sold prior to version 15.0
- Offers same add-ins and supported technologies as UFT Ultimate
- Available as Seat and Concurrent
- Includes Sprinter (for Concurrent licenses only)
- Also includes the UFT Mobile Add-in for Local Devices

UFT Developer
- Equivalent to the LeanFT (or UFT Pro) license sold prior to version 15.0
- Available as Seat and Concurrent

Note
Customers with existing UFT One licenses are not required to migrate to one of the new license editions. Their existing license will simply be renamed.

Products and Editions Covered

Products	Product Status
UFT One (formerly UFT)	New edition in version 15.0
UFT Developer (formerly LeanFT)	New edition in version 15.0
UFT Ultimate	New edition in version 14.0
Functional Testing (FT)	Legacy product
Quick Test Professional (QTP)	Legacy product
Quick Test Professional Essential (QTP-E)	Legacy product
Service Test (ST)	Legacy product

Table 1. Functional Testing Center products and suites

New Name	Former Name	License Mode(s)
UFT Ultimate	UFT Ultimate	Concurrent only
UFT One	UFT Enterprise	Seat and Concurrent
UFT Developer	UFT Pro (LeanFT)	Seat and Concurrent

Table 2. Comparison matrix of new UFT Family in 15.0

Name	Business Process Testing (BPT)	UFT Mobile	Sprinter
UFT Ultimate	• Included • Requires a valid ALM or Concurrent license	• Included • Enables functional testing capabilities only within UFT	• Included • Concurrent licenses only • Does not require a Sprinter license*
UFT One	• Not included • Supports existing/new BPT integrations with valid ALM or QC Concurrent licenses	• Not included • Supports existing/new UFT Mobile licenses that include UFT	• Included • Concurrent licenses only • Does not require a Sprinter license*
UFT Developer	• Not included	• Not included	• Not included

Table 3. Comparison matrix of UFT Family products in 15.0

Sprinter is licensed when it detects the presence of a UFT Ultimate or UFT One license on the server.

Legacy Products at a Glance

Functional Testing Center products prior to the introduction of Unified Functional Testing.

- **Quick Test Professional (QTP)**—Automated functional and regression test tool that interacts only at the GUI level
  - Included the following add-ins: ActiveX, Web, and Visual Basic
  - Optional add-ins included: Delphi, Java,
  - .NET Web Forms, .NET Windows Forms, Oracle, PeopleSoft, PowerBuilder, SAP Web, SAP Windows, Siebel, Standard Windows, Stingray, Terminal Emulator, VisualAge, Web Services, Windows Presentation Foundation (WPF)

- **Quick Test Professional Essentials (QTP-E)**—Same as QTP, but with limited add-ins and integration to Quality Center (QC) Starter Edition only
  - Included the following add-ins: ActiveX, Java, Visual Basic, Web, .NET, WPF, and Silverlight
  - Also supported ASP, .NET, and AJAX through Web Extensibility

- **Functional Testing (FT)**—Combined Quick Test Professional and all Quick Test Professional add-ins into a single, integrated software testing offering

- **Service Test (ST)**—Standalone solution for API and Web Services testing

Product Comparison

Side-by-side comparison for the following products: QTP, QTP-E, FT, and the UFT Family.

QTP vs. QTP Essentials (QTP-E)

- QTP Essentials is a reduced version of QTP with a lower cost than the standard version

- QTP-E has the same patches and technology limitations as QTP standard version

- Main differences between QTP and QTP Essentials is that the latter:
  - Offers only five supported technologies
  - Integrates with only one, limited version of Quality Center—QC Starter Edition—that is no longer supported

QTP vs. Service Test (ST)

- QTP is used for functional and regression testing of applications with user interfaces

- Service Test is designed to handle "headless" software testing (applications without a user interface), thereby making Service Test the tool of choice for testing of complex Web Services

- Additional Service Test features include:
  - Ability to reuse scripts for performance testing in LoadRunner—XPath expressions, Soap fault testing,
  - Representational State Transfer (REST) services, and JMS testing
  - Built-in scenarios for configuring security in Web Service calls

License Comparison

This topic answers a number of frequently asked questions about usage and consumption options for licenses.

UFT Family

WHAT'S INCLUDED?
Each license includes all add-ins and supported technologies that work on either the GUI or the API/services layer (if supported). With a UFT One license, you can also swap it to a UFT Developer license free of charge.

NEW PRODUCT NAMES
Three products/editions were renamed to create the UFT Family in version 15.0. Each edition provides a different subset of functionality.

These products/editions are:

- UFT Ultimate
- UFT One
- UFT Developer

Feature	QTP (Legacy)	FT (Legacy)	UFT One	UFT Developer
Summary	Provides functional and regression test automation working on the GUI level of the application under test	Provides functional and regression test automation working on the GUI level of the application under test	Accelerates end-to-end functional testing with one intelligent tool that builds and automates tests for web, mobile, API, and enterprise apps using embedded AI-based capabilities	Shift-left and automate functional testing using the IDE, language, and testing framework of choice
Supported Add-ins	Core add-ins (ActiveX, Web, and Visual Basic) with the option to buy additional add-ins	All add-ins supported as part of the offering. Refer to the product availability matrix (PAM) for detailed listing of all supported technologies, platforms, and integrations	All add-ins supported as part of- the offering. Refer to the product availability matrix (PAM) for detailed listing of all supported technologies, platforms, and integrations	Supports most common AUT technologies, including Windows Standard, Web, .NET Windows Forms, WPF, SAP, Mobile, Java
Scripting Languages	VBScript	VBScript	VBScript and C# for API/Web Services scripting	C#, Java, JavaScript
Test Automation Frameworks	Business Process Testing (BPT)	Business Process Testing (BPT)	BPT embedded within UFT	Any supported open source framework. Refer to the product availability matrix (PAM) for detailed listing of all supported technologies, platforms, and integrations
AI-based Testing	Supported	Supported	Supported	Tech preview
API/Web Services Testing	Not supported	Not supported	Supported by built-in wizards/ accelerators	Partially supported by existing dev methods to interact with this layer
Service Virtualization	Supported	Supported	Supported	Supported
Parallel Execution	Supported (Concurrent licenses only)	Supported (Concurrent licenses only)	Supported (Concurrent licenses only)	Supported (Concurrent licenses only)
UFT Mobile	Supported	Supported	Supported	Supported
UFT Mobile for Local Device	Supported	Supported	Supported	Not supported
Continuous Integration Tools	Supported	Supported	Supported	Supported
Source / Version Control	Supported	Supported	Supported	Supported

Table 4. Feature-functionality matrix for legacy and current products

Technology preview

USAGE RESTRICTIONS
With the concurrent license, there is no site or geographic area license restriction—it works across the globe. With a seat license, there is only one machine that can use it.

CONSUMPTION OPTIONS
- Flexible consumption options:
- Receive UFT Developer—free for existing UFT One customers
- Buy standalone UFT Developer licenses or UFT Runtime licenses

Quick Test Professional (QTP)

WHAT'S INCLUDED?
Sold in the past with a limited number of add-ins. Additional add-ins (e.g., SAP, Java, and others) licensed separately.

USAGE RESTRICTIONS
Geographic restrictions apply according to the license purchased.

CONSUMPTION OPTIONS
No longer available for purchase.

TRIAL LICENSE
No longer available for trial.

Functional Testing (FT)

WHAT'S INCLUDED?
Each license includes all add-ins and supported technologies for GUI testing only.

USAGE RESTRICTIONS
Geographic restrictions apply according to the license purchased.

CONSUMPTION OPTIONS
No longer available for purchase.

TRIAL LICENSE
No longer available for trial.

QTP/FT Upgrade FAQs

Upgrading to the latest release of UFT One software keeps your team(s) current on the latest functional testing features, capabilities, and technologies. These help facilitate GUI, API, business components, and end-to-end testing using an intelligent test solution.

FAQ	Answer
Do I have to upgrade from QTP, ST, or FT to UFT One?	Customers with active support contacts can continue to use their existing licenses and receive the latest version of the product for the plugins that they already own.
	However, customers who want to test across technologies, perform API testing, and take advantage of UFT Developer, embedded BTP, and other latest enhancements, should consider upgrading.
Can I migrate my current installation to the latest UFT One free of charge, without paying for an upgrade?	Once a user migrates to the latest UFT One software (begins using UFT IDE with their existing licenses), they automatically get a number of core UFT One features, including: Insight, HTML reports, integrations to Source Controls and tools such as Application Lifecycle Management (ALM), Service Virtualization, and much more.
	However, we encourage customers to purchase an upgrade to a full version of UFT One to help facilitate GUI, API, business component, and end-to-end testing using a single solution, as well as using UFT Developer when and where needed.
I have only a few add-ins for QTP. Can I purchase additional add-ins for UFT One?	UFT One licenses include all supported add-ins and technologies. You will need to buy a full UFT One license.
Can I buy more licenses of ST?	You will need to buy UFT One licenses to increase the number of user performing API/Service testing.

Table 5. Questions for upgrading across product lines

Figure 1. Example: Migrating from QTP to UFT One vs. Full Upgrade to UFT One

Available	Not Available	Available
■ Intuitive UI	■ API/Web Services Testing	■ Intuitive UI
■ Multi-layer Testing	■ Other technology add-ins	■ Multi-layer Testing
■ ALM/QC	■ BPT inside	■ API/Web Services Testing
■ UFT Mobile**	■ UFT One*	■ All other add-ins (200+ supported apps & technologies)
■ Service Virtualization	■ Sprinter	■ BPT inside UFT*
■ Chrome Emulator	■ UFT Developer	■ UFT Mobile**
■ Continuous Integration tools (Jenkins, Bamboo, Azure DevOps)		■ Service Virtualization
■ Insight Recording		■ UFT Developer
■ Mac support***		■ Chrome Emulator
■ Source and Version Control (Git, SVN)		■ Continuous Integration tools (Jenkins, Bamboo, Azure DevOps)
		■ Insight Recording
		■ Mac support***
		■ Source and Version Control (Git, SVN)

Table 6. Available features between migration and full upgrade options

Requires a valid ALM/QC license
Requires a valid UFT Mobile license
***Requires UFT Developer (Mac Support not fully available in UFT One)*

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