

# SAP for UFT One

Release SAP continuously but with less risks and costs by accelerating and simplifying your functional testing efforts using one intelligent solution with embedded AI-based capabilities.

## Product Highlights

### Your SAP Testing Conundrum

Whatever part of the SAP journey you are on, from keeping up-to-date with the latest service packs and updates, creating innovations with the SAP Business Technology Platform (SAP BTP) through to a total transformation with a S/4HANA Cloud migration automated testing is a key strategy for delivery. As providing your business with the innovation and competitive advantage it requires means they need to have confidence in the quality of changes made. Traditional methods can't give you what you need as using Business employees to conduct expensive and slow manual testing won't keep pace or provide you the level of assurance you need. Cutting corners by using free/cheap tools or believing the false hopes and promises of newer tools, is only going to lead to disappointment due to higher than expected maintenance costs.

### How UFT One Can Help

Micro Focus UFT One is the perfect companion for your SAP testing journey as it accelerates and simplifies all the related functional testing with one intelligent solution that automates testing for SAP using native AI-based capabilities.

UFT One is proven over many successful projects to be the right option for SAP testing teams whatever their distribution or makeup; its specifically designed to work best with non-technical business type testers but it also provides flexibility for the experienced testing professionals through their own specific interfaces. UFT can efficiently scale testing across

distributed infrastructure to best suite however your SAP Application is deployed be it a SAPGUI or SAPGUI for HTML based On Prem ECC or a Fiori RISE S/4HANA Private and Public Cloud Editions or any of the SAP Cloud Applications like SuccessFactors or Concur, etc.

If you have a mobile interface, no problem, you can test in parallel on web and mobile, with script once and replay all tests with cross browser support. Leverage the broad ecosystem of integrations, from version control like Git, to continuous integration like Jenkins.

SAP UFT includes complete native integration with SAP Solution Manager and gCTS including important SAP capabilities like SAPUI5, NetWeaver Business Client, WebDynpro ABAP, CRM UI, SuccessFactors, Hybris, iDocs, RFC & OData plus many other SAP and additional support of 200+ GUI and API, non SAP technologies. This means you can create end-to-end tests against your chosen Business Process regardless of technologies used for true enterprise grade automated testing.

## Key Benefits

### Accelerating End-to-End Testing of Enterprise-Grade Apps

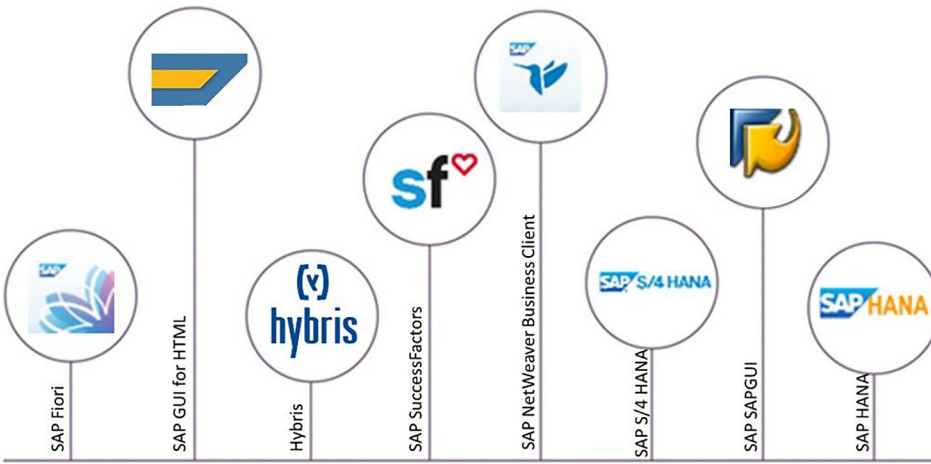
Dominate the tide of technologies with a single tool for end-to-end testing and integration of multiple technologies, environments, and apps.

### COMPREHENSIVE TECHNOLOGY STACK

Automated testing of more than 200+ GUI and API technologies across mobile, web, desktop and mainframe, including SAP, Salesforce, Java, Citrix and more.

## Quick View

- **Complete SAP Test Automation from a single tool**—centralized and automated functional and regression testing across all layers of your SAP Applications, from the UI to the API.
- **Comprehensive non-SAP technology stack**—automated testing of more than 200+ GUI and API technologies across mobile, web, desktop, and mainframe.
- **AI-Driven Test Automation**—AI-based machine learning and OCR advanced object recognition for Web, Mobile and SAPGUI, which boosts test coverage and resiliency of testing assets.
- **SAP Certified Native Integration into SAP Solution Manage**—You can create, store, edit and execute UFT scripts from Solution Manager, plus more.
- **Cross-browser coverage**—script once and replay all tests seamlessly across the leading browsers.
- **Continuous Testing with Integrated DevOps ecosystem**—DevOps enabled toolchain for Continuous Testing.



**TRUE END-TO-END TESTING FROM A SINGLE TOOL**

Centralize functional and regression testing across all layers of enterprise architectures, all designed to extend tests—from the UI to the API, including web, mobile, composite and packaged apps.

**EXTENSIVE SAP SUPPORT**

UFT One offers extensive support for SAP Fiori (SAPUI5 objects and methods), SAPGUI for HTML, WebDynpro ABAP, NetWeaver Business Client for HTML & Desktop, CRM UI and Enterprise Portal. SAP business applications such as Ariba, Concur, Fieldglass, Success Factors and Hybris. Plus, API's like SOAP, OData, RFC & iDocs.

**SAP CERTIFIED INTEGRATION**

UFT has its own direction integration into SAP Solution Manager Test Suite which is certified by SAP. This is simple to setup and quick to start using meaning you can create, store, edit and execute UFT scripts from Solution Manager, plus it contains the ability to pass test results and bidirectional parameters as part of the integration which ensures that your tests in Solution Manager and UFT are always in sync.

**AI-BASED TEST AUTHORING AND EXECUTION**

UFT One combines AI-based object recognition, object interaction, and natural language script creation, to allow tests to be quickly written and executed on multiple different platforms without requiring any modification, increasing test accuracy, resiliency, and velocity. Not only does UFT AI work for Web based SAP Applications, like Fiori but also for automation of the the desktop based SAPGUI.

**REMOTE AI SERVICE**

Install the UFT One Remote AI Service on one central powerful computer to provide faster and more efficient AI capabilities to less powerful UFT One machines.

**Boost Productivity with Intelligent Automation**

UFT One's intelligent automation capabilities enable teams using UFT One to accelerate the creation of automation assets and reduce the maintenance effort required to match the pace of application changes.

**SYNTHETIC DATA CREATION**

Create data intelligently using multiple algorithms to reduce the size of a test data set and reduce the time to test, without serious loss of quality.

**DATA-DRIVEN ASSETS**

The Test Combinations Generator (TCG) creates reusable test data on-the-fly using happy / error paths and multiple algorithms. Data Capture enables one to pull lists of data values directly from an app into UFT One with a few simple clicks. Customer Data Template enables for the creation of a custom xml template that generates parameter types for a test. The Undo/Redo Toggle allows one to quickly undo or redo multiple steps while configuring data for a test.

**Efficiency at Scale—Test More Per Cycle in Less Time**

Achieve test execution at full velocity. Burst tests across distributed functional testing infrastructures and run tests at scale with full parallel, cross-browser and cross-device mobile testing.

**CROSS-BROWSER COVERAGE**

Script once and replay all tests seamlessly across the leading browsers and browser versions, including Chrome, Chromium Edge, Firefox, Safari, IE, and Edge. 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.

**CLOUD-BASED DEPLOYMENT**

To expand your footprint, simply deploy UFT One in the cloud on your provisioned Citrix, AWS, and Azure virtual environments.

**SHIFT-LEFT TESTING WITH UFT DEVELOPER\***

Increase productivity with a shift-left test automation tool created for Developers using the IDE, language and testing framework of choice

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\* UFT Developer is available for use with UFT One at no additional cost.

**“We leverage UFT One’s AI functionality when we test our SAP Fiori applications. The advanced object recognition is great, the tester does not need deep test automation knowledge, making it easier to assign tests to business users. This... makes it much easier to create test scripts and scale up our testing effort.”**

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to create tests at the same time the application is being developed. Also, support Developer / QA collaboration by converting UFT One object repositories to UFT Developer application models, or by converting UFT Developer application models to UFT One object repositories.

#### **MOBILE TESTING ON LOCAL DEVICES**

The UFT Mobile Add-in for Local Devices integrates UFT One and mobile devices connected directly to the UFT One host machine. In just a few steps, UFT One users can start designing and running mobile app and web tests on local mobile devices without purchasing an additional license. This type of tight integration allows UFT One users to execute omnichannel content strategies using the same script for desktop and mobile web, support mobile testing in companies that do not yet have a lab management solution in place, or run mobile tests without requiring a new tool for mobile devices.

#### **Summary**

UFT One is part of the industry leading UFT family of integrated Functional Testing solutions which enables customers to test earlier and faster by combining a breadth of technology support with AI-driven capabilities to deliver the speed and resiliency required to achieve automation at scale that is tightly integrated with an organization’s current DevOps toolchain.

#### **UFT One Minimum System Requirements**

- Host Processor: 4 GHz or higher
- Operating System: Windows 10 (32-bit or 64-bit)
- Memory: 4GB or 8GB for AI
- Free Hard Disk Space: 20 GB of free disk space for application files and folders

For additional information, please see the [Product Availability Matrix](#).

Learn more at

[Micro Focus Solutions for SAP Software Modernization | Micro Focus](#)