

opentext™

Functional test automation

JUMP OVER TESTING OBSTACLES

OpenText UFT solutions



Overcoming traditional testing barriers can be a constant struggle to get on top of organizational demands. It takes time to build effective tests, and that doesn't even include actually running the tests to get results on the quality of your code and applications.

Test automation requires a skill set that not every member of the quality assurance team has. New platforms, devices, and operating systems are always entering the marketplace and changing how and what you test.

Any minor change could break a test, and that holds everything up. To get testing back on track, your teams need to make updates. This continuous maintenance holds everyone back. Once tests are written, they need to be run. But too often, tests run slowly, delaying timely feedback.

How do you keep up?

The world has changed and so should automation. We need to work smarter. But what does that really mean?

3 Keys to Smarter Testing

1

Smarter overall test design

2

Smarter test automation (creation and implementation)

3

Smarter maintenance

Ultimately, you need be able to keep pace with increasing business demands, and OpenText can help you.





Test smarter

The OpenText family of UFT solutions automates functional testing at scale through tight integration with the DevOps ecosystem of lifecycle management and continuous integration tools.

Test earlier and faster using AI-powered functional test automation across any browser, mobile device, operating system, or form factor—either in the cloud or off cloud

1

Reduce maintenance cost with sharable testing scripts
Testers should share their assets across different tests and scenarios. Being able to reuse scripts is key to reducing maintenance cost—not just within functional testing but also between developers and automation engineers and into performance testing based on actual usage scenarios.

2

Demand a flexible ecosystem
Testing should integrate tightly with the entire ecosystem. It should help break down silos while bringing IT operations, technology development, quality engineering, and business roles together.

3

Shift everywhere to enable everyone
Automation efforts aren't just for developers. Pair shift-left solutions for developers and technical staff with shift-right solutions that enable quality assurance members, unit leaders, and non-technical staff to contribute. Shift-right solutions lower barriers and make it possible to test earlier in the process.

4

Centralize device availability
Not having enough devices available spells disaster. By providing easy access to any device remotely, testers and developers can get the devices they need, when they need them. This maximizes return while reducing your investment in owning and maintaining physical devices.

5

Flex artificial intelligence
AI takes a lot of the work out of testers' hands. They're left free to focus on test flow and other tasks that really matter. AI object detection can speed up test design and help maintain test integrity.

The UFT family

Overhaul your testing strategies with OpenText UFT solutions that offer:

Single-Script for multiple devices ›

Leverage preferred frameworks, languages, and platforms. Test earlier, scale to more devices and technologies, and increase quality across any device and browser.

Integration ›

Open source, third-party, and OpenText integrations boost efficiency. Take advantage of friction-free continuous testing. Accelerate development and testing through extensive product integrations in any development environment and discipline.

Mobile device management ›

Simplify device and emulator management. Manage device labs either as SaaS, on premises, or even in a hybrid environment, consuming devices any way you want.

AI-Powered Automation ›

Boost automated test speed and efficiency. Artificial intelligence reduces test creation time, enhances coverage, increases asset resiliency, and reduces maintenance.



OpenText UFT One ›

OpenText™ UFT One improves efficiency by performing more tests per testing cycle in less time. It scales testing across distributed, cloud-ready functional testing infrastructures and executes tests in parallel on web and mobile devices with full cross-browser coverage. UFT One uses AI-object detection to interact with objects the same way a human tester does. This allows customers to run a single script on multiple platforms and devices.

Accelerate your testing process

Seamlessly combine GUI and API testing, allowing even non-programmers to create and run automated functional tests.

Get extensive technology support

With support for more than 200 applications and technologies, including SAP®, Salesforce, Java™, web, mobile, and mainframe, UFT One offers a consistent testing experience across all supported technologies.

Benefit from integration for seamless DevOps

UFT One plays a pivotal role in the DevOps ecosystem, integrating effortlessly with OpenText™ ALM Octane™, OpenText™ ALM Quality Center, and numerous third-party continuous integration and continuous testing platforms.

OpenText UFT Developer ›

OpenText™ UFT Developer is designed for programmers and other testing personnel with programming knowledge. It allows developers to use their preferred integrated development environment, programming language, and test framework for greater convenience.

UFT Developer embeds testing capabilities within IntelliJ IDEA™, Eclipse™ and Visual Studio™, allowing developers to shift testing left by creating tests at the same time they develop software applications. It supports common technologies, languages, IDEs, operating systems, source code management tools, and continuous integration tools.

UFT Developer is also tightly integrated with OpenText™ Service Virtualization, enabling web and mobile tests to run in a variety of scenarios. Users can run tests even if the real services are not available, data access is restricted and difficult to attain, or the test assumes specific behavior from the service that is hard to configure.

Speedy test creation UFT

Developer offers a record/replay capability for rapid test creation, centralized management of test objects through the Application Model, and the ability to run multiple tests in parallel.

Enhanced visibility and reporting

Get detailed descriptions of test execution flows, clear reasons for test failures, screen snapshots, and HTML-based reports viewable on any platform.





OpenText UFT Digital Lab ›

Take advantage of cloud hosted mobile devices. Deploy locally, as a service, or support through software emulation.

Real devices at your fingertips

Access a centralized lab of real mobile devices and emulators from anywhere.

Seamless mobile testing

Leverage your automated functional testing from UFT One and UFT Developer to mobile devices.

Remote access

Developers and testers can develop, debug, test, monitor, and optimize mobile apps with remote access to a centralized mobile device lab.

OpenText ValueEdge Functional Test ›

Equip yourself with a comprehensive, AI-powered, cloud-based solution for functional testing, offering business-centric model-based testing, codeless test authoring, and a testing lab for execution on any host, mobile device, or browser.

AI object detection

Create resilient automated testing scripts and save time for testers. ValuEdge tests are resistant to innocuous changes that don't affect the test's flow, but could cause traditional test automation to fail and require constant test maintenance.

Codeless design

Non-technical team members and colleagues can be part of test automation activities, interacting with objects on screen and defining test flow using simple English.

Model-based testing

A shift-right tool fosters collaboration and helps align testing with business requirements to optimize test coverage.

Execution

Schedule and run tests and test suites on the cloud, view test progression, and get detailed test results and insight into trends.

Digital lab

Gain remote access to mobile devices and browsers from anywhere, for manual and automated development, debugging, and execution of mobile and web tests.

Elevate your testing capabilities with resilient test scripts, faster testing processes, and easier test creation that consistently deliver high quality software.

Learn more about the solutions:

[UFT One ›](#)

[UFT Developer ›](#)

[UFT Digital Lab ›](#)

[ValueEdge Functional Test ›](#)

