

# What's new in OpenText Functional Testing

See what features are included in the most recent versions

OpenText Functional Testing product features	Feature benefits	25.2	24.4	24.2	23.4	2023	2022	2021 R1	2021
Hybrid text recognition	Improve text recognition on AI Objects in web applications by combining AI OCR results with text retrieved directly from the web page elements.	✓							
Enhanced UIA Pro add-in (Beta)	New methods enable comprehensive and flexible navigation of the test object tree. Common methods and properties are supported on objects retrieved from the application. Better performance and stability.	✓							
Configurable typing interval in AI methods	Add registry value so user can increase the input interval between characters	✓							
Support continuous run with current user on an RDP session	On a remote computer that locks or disconnects, OpenText Functional Testing can now continue running with the same user.	✓							
Improved scrolling on mobile devices	The AIUtil.ScrollOnObject method can now scroll in all directions—left, right, up, and down. In addition, the scroll size is now more accurate.	✓							
Use OCR trained pattern file with TextUtil methods	Use the new TextUtil methods to enable, disable, or modify the use of ABBYY trained pattern files during your test run.	✓							
SAP UI5 Web Components supported	Spy, record, and run tests on SAP applications that are based on SAP UI5 Web Components.	✓	✓						
Recognize unusual text characters	Train the OCR engine to identify unusual or unclear characters in your application.	✓	✓						

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<b>Identify standard Windows rich editors</b>	Perform text editing operations on the rich editor controls used, for example, in Notepad, Windows® 11, and Microsoft® Outlook®.	✓	✓						
<b>Enhanced AI-based testing on Headless Chrome</b>	More methods and functionalities are now supported for AI-based testing on Headless Chrome, contributing for more effective testing.	✓	✓						
<b>Use SetText in AI-based tests on native mobile apps</b>	Use the SetText and SetSecureText methods on AIOObjects when testing native mobile apps.	✓	✓						
<b>Resize the device remote access window</b>	The device test object supports the following new methods: MaximizeViewer, MinimizeViewer, and RestoreViewer.	✓	✓						
<b>WPF DevExpress Data Grid enhancement</b>	Record most operations and leverage new methods supported on DevExpress Data Grids.	✓	✓	✓					
<b>SAP Table™ multi-selection</b>	Record and replay multi-selection on SAP Table objects.	✓	✓	✓					
<b>Support 64-bit Microsoft® Access®</b>	Use a 64-bit Microsoft Access Database Engine in API tests.	✓	✓	✓					
<b>.NET 7 and 8 support for WinForms and WPF</b>	Test Windows Forms and WPF applications on .NET 7 and 8 without changing existing scripts.	✓	✓	✓					
<b>Cloud browser on Jenkins and Azure</b>	Available add-on supports Jenkins and Azure to run tests on cloud browsers.	✓	✓	✓					
<b>Automatic loading web extension</b>	If you cannot install the Chrome or Edge browser extensions from the web stores, you can configure OpenText Functional Testing to load the extensions when recording or running your tests.	✓	✓	✓					
<b>Cloud browser enhancements</b>	Watch tests run on your application in a remote access window. You can run tests on Chrome, Firefox, and Edge cloud browsers.	✓	✓	✓	✓				

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<b>Run web tests in Docker</b>	You can run web tests and AI-based web tests on headless Chrome browsers in Windows Docker containers.	✓	✓	✓	✓				
<b>Added Bamboo capability</b>	On Bamboo, you can run local OpenText Functional Testing tests as any Windows user, not only the currently logged-in user.	✓	✓	✓	✓				
<b>Local AI Object Model updates</b>	When new AI Object Models are available, you can update your local AI Object Model. This provides more advanced AI Object identification without waiting for a OpenText Functional Testing upgrade.	✓	✓	✓	✓				
<b>AIUtil steps in Keyword View</b>	AI-based test steps are now represented more specifically in the Keyword View.	✓	✓	✓	✓				
<b>Updated technology stack</b>	Support latest versions of Chrome, Chromium Edge, and Firefox, as well as AutoPass license server versions.	✓	✓	✓	✓				
<b>AI with regular expressions</b>	Use regular expressions in AI object text descriptions with greater flexibility.	✓	✓	✓	✓	✓			
<b>AIOD Cloud Service</b>	Connect to AI Object-Detection Cloud Service to reduce the use of local resources, increase test run performance, and benefit from the latest AI model.	✓	✓	✓	✓	✓			
<b>Replay on cloud browser</b>	Run tests on cloud browsers to reduce the use of local resources and enhance test run security.	✓	✓	✓	✓	✓			
<b>NET 5 and 6 support for WinForms</b>	Test Windows Forms applications on .NET 5 and 6 without changing existing scripts.	✓	✓	✓	✓	✓			
<b>Kafka Kerberos in API</b>	Test Kafka servers that use Kerberos, a more secure authentication.	✓	✓	✓	✓	✓			
<b>HTML controls enhancement for SAP</b>	Test Edge and Chromium browser controls on SAP GUI and NWBC Desktop.	✓	✓	✓	✓	✓			
<b>WPF DevExpress Data Grid controls</b>	SPY and run tests on DevExpress Data Grid controls in WPF applications.	✓	✓	✓	✓	✓			

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<b>Chromium Extension Manifest V3</b>	Update Chromium Extension to Manifest V3 to keep up with the current standards and provide better security, performance, and user experience.	✓	✓	✓	✓	✓			
<b>AI-based testing for SAP GUI</b>	Use AI to test on SAP GUI desktop application.	✓	✓	✓	✓	✓	✓		
<b>Fine tune object identification</b>	Use a combination of properties, such as text and position to describe an object uniquely.	✓	✓	✓	✓	✓	✓		
<b>Chrome Extension Manifest V3</b>	Update Chrome Extension to Manifest V3 to keep up with the current standards and provide better security, performance, and user experience.	✓	✓	✓	✓	✓	✓		
<b>.NET 5 and 6 support for WPF</b>	Test WPF applications on .NET 5 and 6, run same test without script change after upgrade application.	✓	✓	✓	✓	✓	✓		
<b>Color-based text recognition</b>	Integrate color detection with OCR to identify text by color factor in images.	✓	✓	✓	✓	✓	✓		
<b>Kafka two-way SSL authentication in API</b>	Configure two-way SSL authentication for Kafka server.	✓	✓	✓	✓	✓	✓		
<b>Public Device</b>	Test with Public Device provided on SaaS.	✓	✓	✓	✓	✓	✓		
<b>WeTest® and Genymotion™ cloud</b>	Test devices stored on the WeTest and Genymotion labs.	✓	✓	✓	✓	✓	✓		
<b>Multi-tenancy licensing</b>	Consume a concurrent license from an AutoPass License Server with multi-tenancy enabled.	✓	✓	✓	✓	✓	✓		
<b>AI object methods</b>	Object methods to fine tune your test steps for even better accuracy and performance.	✓	✓	✓	✓	✓	✓	✓	
<b>Progressive Web Apps support</b>	Identify web objects in Progressive Web Apps (PWAs) running on Chrome and Chromium Edge.	✓	✓	✓	✓	✓	✓	✓	
<b>Multi-PDF document testing</b>	Open multiple instances of the PDF Testing Utility, enabling you to test more than one document at a time.	✓	✓	✓	✓	✓	✓	✓	

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<b>Auto-save GUI tests</b>	Automatically save copies of open GUI tests at regular intervals as you work (every 3 minutes by default).	✓	✓	✓	✓	✓	✓	✓	
<b>PDF page checkpoints</b>	Create page checkpoints to check the image sources on a PDF page during a recording or editing session.	✓	✓	✓	✓	✓	✓	✓	
<b>Remote AI service</b>	Connect multiple OpenText Functional Testing computers to a single powerful computer that performs intensive number-crunching processes.	✓	✓	✓	✓	✓	✓	✓	✓
<b>AI complex objects</b>	Improve your test's readability and resilience using an object hierarchy for complex objects, such as tables and calendars.	✓	✓	✓	✓	✓	✓	✓	✓
<b>PDF add-in</b>	Open, display, and interact with PDF documents for testing purposes without needing Adobe Acrobat Pro.	✓	✓	✓	✓	✓	✓	✓	✓
<b>UIA Pro add-in</b>	Test Windows-based apps that implement UI Automation provider interfaces with improved stability and performance, as well as support for additional test objects.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Parallel execution for Java</b>	Speed up tests by running multiple Java tests simultaneously.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Parallel execution UI</b>	Use the UI tool to configure parallel test runs instead of manually writing the JSON file.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Web performance acceleration</b>	Kick OpenText Functional Testing into high gear and watch your tests reach speeds up to 3X faster.	✓	✓	✓	✓	✓	✓	✓	✓
<b>OpenText Functional Testing CI utilities</b>	Easily integrate OpenText Functional Testing into CI/CD pipelines without plugins using our set of open-source utility tools.	✓	✓	✓	✓	✓	✓	✓	✓
<b>SAP SuccessFactors</b>	Certified to build tests that support SAP's cloud-based HCM software app.	✓	✓	✓	✓	✓	✓	✓	✓
<b>SAP web testing on Chromium Edge</b>	Test web-based SAP apps when working with the latest Chromium Edge browser.	✓	✓	✓	✓	✓	✓	✓	✓

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<b>Data table for API Testing</b>	Supports Microsoft Excel's. XLSX format for API tests and promotes faster response times.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Kafka for API testing</b>	Design API tests to verify the process of publishing messages or receiving/deleting messages from your Kafka server.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Chromium Edge in IE Mode</b>	Run tests on web apps in Chromium Edge when using IE mode.	✓	✓	✓	✓	✓	✓	✓	✓
<b>AI recording</b>	Capture a business flow of your app and create a sequence of AI steps for your test.	✓	✓	✓	✓	✓	✓	✓	✓
<b>AI mockup identification</b>	Learn AI objects on app mockups and prepare your AI-based tests before your app is developed.	✓	✓	✓	✓	✓	✓	✓	✓
<b>AI transformation assistant</b>	Run your existing tests and receive suggestions for transforming technology- based test steps to AI-based testing steps.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Next-gen spy</b>	Visually intuitive tool for designing tests with greater flexibility and ultra-modern functionality.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Parallel execution for API testing</b>	Fire API tests on all cylinders by running multiple tests simultaneously.	✓	✓	✓	✓	✓	✓	✓	✓
<b>SAPUI5 testing on Chromium Edge</b>	Full support for testing SAPUI5 test objects using Chromium-based Edge.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Multi-zoom support</b>	Spy or highlight on zoomed web pages—Chrome, Chromium-based Edge, Firefox, UFT Mobile iOS Browser, and iOS Safari.	✓	✓	✓	✓	✓	✓	✓	✓
<b>AI-based testing for web</b>	Tests from desktop browsers using Chrome, Chromium Edge, Firefox, and IE.	✓	✓	✓	✓	✓	✓	✓	✓
<b>AI Spy</b>	Use the Object Spy to suggest which relevant AI object to use.	✓	✓	✓	✓	✓	✓	✓	✓
<b>AI Spy in Hover Mode</b>	Hover on AI objects and AI text objects to identify them.	✓	✓	✓	✓	✓	✓	✓	✓

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<b>Visual Relation Identifier (VRI) for AI</b>	Identify unique objects using its proximity to other AI objects (i.e., above, to the left).	✓	✓	✓	✓	✓	✓	✓	✓
<b>Dark theme</b>	Enhance legibility and readability with an aesthetically darker IDE that's friendlier on your eyes.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Microsoft Chromium-based Edge</b>	Introducing Microsoft's latest browser incarnation—built on Google's Chromium project.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Dynamic add-in loading</b>	Replay your tests seamlessly without having to go back and tell OpenText Functional Testing which add-in to use.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Cloud OCR</b>	Achieve a higher level of accuracy for CJK (Chinese, Japanese, Korean) languages with Baidu Cloud. Auto-detect languages during record and run for more accurate results with Google Cloud.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Docker Containers for API Testing</b>	Run API tests in a lightweight Windows Docker environment directly from Jenkins.	✓	✓	✓	✓	✓	✓	✓	✓
<b>Amazon Device Farm integration</b>	Test devices stored on an AWS Device Farm via OpenText Functional Testing Lab, including private devices.	✓	✓	✓	✓	✓	✓	✓	✓
<b>SAP web testing on Chrome</b>	Choose whether to support your SAP tests on IE or Chrome without overhauling your scripts.		✓	✓	✓	✓	✓	✓	✓
<b>AI-based testing for mobile</b>	New AI capabilities, designed to help real customers address real automation problems across mobile and mobile web.		✓	✓	✓	✓	✓	✓	✓
<b>Azure DevOps Server</b>	Leverage Microsoft's CI/CD tool to trigger tests from OpenText Functional Testing's local file system or ALM.		✓	✓	✓	✓	✓	✓	✓
<b>Safari app extension</b>	UFT Agent that supports Replay and Spy on the latest Apple Safari browser.		✓	✓	✓	✓	✓	✓	✓
<b>Data table for GUI testing</b>	Supports Excel's.XLSX format for GUI tests and promotes faster response times.		✓	✓	✓	✓	✓	✓	✓

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<b>Modern UI/UX design</b>	Improved toolbar, main menu, icons, and a redesigned Start page.		✓	✓	✓	✓	✓	✓	✓
<b>Unattended remote testing</b>	Run tests installed on remote machines without manual intervention.		✓	✓	✓	✓	✓	✓	✓
<b>Hyper-V virtual images</b>	Scale test assets accordingly—spin-up multiple Hyper-V instances running OpenText Functional Testing.		✓	✓	✓	✓	✓	✓	✓
<b>Full-screen web testing</b>	Specify whether to set the browser to full- screen mode or normal mode during tests.		✓	✓	✓	✓	✓	✓	✓