

CHECKLIST

What's new in OpenText UFT One

See what features are included in the most recent versions

UFT One product features	Feature benefits	24.2	23.4	2023	2022	2021 R1	2021	15.0.2
WPF DevExpress Data Grid enhancement	Record most operations and leverage new methods supported on DevExpress Data Grids.	✓						
SAP Table™ multi-selection	Record and replay multi-selection on SAP Table objects.	✓						
Support 64-bit Microsoft Access™	Use a 64-bit Microsoft Access Database Engine in API tests.	✓						
.NET 7 and 8 support for WinForms and WPF	Test Windows Forms and WPF applications on .NET 7 and 8 without changing existing scripts.	✓						
Cloud browser on Jenkins and Azure	Available add-on Support Jenkins and Azure to run tests on Digital Lab cloud browsers.	✓						
Automatic loading web extension	If you cannot install the Chrome or Edge browser extensions from the web stores, you can configure UFT One to load the extensions when recording or running your tests.	✓						
Cloud browser enhancements	Watch tests run on your application in a remote access window. You can run tests on Chrome, Firefox, and Edge cloud browsers.	✓	✓					
Run web tests in Docker (tech preview)	You can run web tests and AI-based web tests on headless Chrome browsers in Windows Docker containers.	✓	✓					
Added Bamboo capability	On Bamboo, you can run local UFT One tests as any Windows user, not only the currently logged-in user.	✓	✓					
Local AI Object Model updates	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 UFT One upgrade.	✓	✓					
Remote AI supports table cells	The remote AI Object-Detection service is now available in the Full UFT One installation package.	✓	✓					

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AIUtil steps in Keyword View	AI-based test steps are now represented more specifically in the Keyword View.	✓	✓					
Updated technology stack	Support latest versions of Chrome, Chromium Edge, and Firefox, as well as AutoPass license server versions.	✓	✓					
AI with regular expressions	Use regular expressions in AI object text descriptions with greater flexibility.	✓	✓	✓				
AIOD Cloud Service	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.	✓	✓	✓				
Replay on Digital Lab cloud browser	Run tests on Digital Lab cloud browsers to reduce the use of local resources and enhance test run security.	✓	✓	✓				
NET 5 and 6 support for WinForms	Test Windows Forms applications on .NET 5 and 6 without changing existing scripts.	✓	✓	✓				
Kafka Kerberos in API	Test Kafka servers that use Kerberos, a more secure authentication.	✓	✓	✓				
HTML controls enhancement for SAP	Test Edge and Chromium browser controls on SAP GUI and NWBC Desktop.	✓	✓	✓				
WPF DevExpress Data Grid controls	SPY and run tests on DevExpress Data Grid controls in WPF applications.	✓	✓	✓				
Chromium Extension Manifest V3	Update Chromium Extension to Manifest V3 to keep up with the current standards and provide better security, performance, and user experience.	✓	✓	✓				
AI-based Testing for SAP GUI	Use AI to test on SAP GUI desktop application.	✓	✓	✓	✓			
Fine tune object identification	Use a combination of properties, such as text and position to describe an object uniquely.	✓	✓	✓	✓			
Chrome Extension Manifest V3	Update Chrome Extension to Manifest V3 to keep up with the current standards and provide better security, performance, and user experience.	✓	✓	✓	✓			

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.NET 5 and 6 support for WPF	Test WPF applications on .NET 5 and 6, run same test without script change after upgrade application.	✓	✓	✓	✓			
Color-based text recognition	Integrate color detection with OCR to identify text by color factor in images.	✓	✓	✓	✓			
Kafka two-way SSL authentication in API	Configure two-way SSL authentication for Kafka server.	✓	✓	✓	✓			
Public Device	Test with Public Device provided on SaaS.	✓	✓	✓	✓			
WeTest® and Genyotion™ cloud	Test devices stored on the WeTest and Genyotion labs.	✓	✓	✓	✓			
Multi-tenancy licensing	Consume a concurrent license from an AutoPass License Server with multi-tenancy enabled.	✓	✓	✓	✓			
AI object methods	Object methods to fine tune your test steps for even better accuracy and performance.	✓	✓	✓	✓	✓		
Progressive Web Apps Support	Identify web objects in Progressive Web Apps (PWAs) running on Chrome and Chromium Edge.	✓	✓	✓	✓	✓		
Multi-PDF document testing	Open multiple instances of the PDF Testing Utility, enabling you to test more than one document at a time.	✓	✓	✓	✓	✓		
Auto-save GUI tests	Automatically save copies of open GUI tests at regular intervals as you work (every 3 minutes by default).	✓	✓	✓	✓	✓		
PDF page checkpoints	Create page checkpoints to check the image sources on a PDF page during a recording or editing session.	✓	✓	✓	✓	✓		
Remote AI service	Connect multiple UFT One computers to a single powerful computer that performs intensive number-crunching processes.	✓	✓	✓	✓	✓	✓	
AI complex objects	Improve your test's readability and resilience using an object hierarchy for complex objects, such as tables and calendars.	✓	✓	✓	✓	✓	✓	

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PDF add-in	Open, display, and interact with PDF documents for testing purposes without needing Adobe Acrobat Pro.	✓	✓	✓	✓	✓	✓	
UIA Pro add-in	Test Windows-based apps that implement UI Automation provider interfaces with improved stability and performance, as well as support for additional test objects.	✓	✓	✓	✓	✓	✓	
Parallel execution for Java	Speed up tests by running multiple Java tests simultaneously.	✓	✓	✓	✓	✓	✓	
Parallel execution UI	Use the UI tool to configure parallel test runs instead of manually writing the JSON file.	✓	✓	✓	✓	✓	✓	
Web performance acceleration	Kick UFT One into high gear and watch your tests reach speeds up to 3X faster.	✓	✓	✓	✓	✓	✓	
UFT One CI utilities	Easily integrate UFT One into CI/CD pipelines without plugins using our set of open-source utility tools.	✓	✓	✓	✓	✓	✓	
SAP SuccessFactors	Certified to build tests that support SAP's cloud-based HCM software app.	✓	✓	✓	✓	✓	✓	
SAP web testing on Chromium Edge	Test web-based SAP apps when working with the latest Chromium Edge browser.	✓	✓	✓	✓	✓	✓	
Data table for API Testing	Supports Excel's.XLSX format for API tests and promotes faster response times.	✓	✓	✓	✓	✓	✓	
Kafka for API testing	Design API tests to verify the process of publishing messages or receiving/deleting messages from your Kafka server.	✓	✓	✓	✓	✓	✓	
Chromium Edge in IE Mode	Run tests on web apps in Chromium Edge when using IE mode.	✓	✓	✓	✓	✓	✓	
AI recording	Capture a business flow of your app and create a sequence of AI steps for your test.	✓	✓	✓	✓	✓	✓	✓
AI mockup identification	Learn AI objects on app mockups and prepare your AI-based tests before your app is developed.	✓	✓	✓	✓	✓	✓	✓
AI transformation assistant	Run your existing tests and receive suggestions for transforming technology-based test steps to AI-based testing steps.	✓	✓	✓	✓	✓	✓	✓

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Next-gen spy	Visually intuitive tool for designing tests with greater flexibility and ultramodern functionality.	✓	✓	✓	✓	✓	✓	✓
Parallel execution for API testing	Fire API tests on all cylinders by running multiple tests simultaneously.	✓	✓	✓	✓	✓	✓	✓
SAPUI5 testing on Chromium Edge	Full support for testing SAPUI5 test objects using Chromium-based Edge.	✓	✓	✓	✓	✓	✓	✓
Multi-zoom support	Spy or highlight on zoomed web pages—Chrome, Chromium-based Edge, Firefox, UFT Mobile iOS Browser, and iOS Safari.	✓	✓	✓	✓	✓	✓	✓
AI-based testing for web	Tests from desktop browsers using Chrome, Chromium Edge, Firefox, and IE.	✓	✓	✓	✓	✓	✓	✓
AI Spy	Use the Object Spy to suggest which relevant AI object to use.	✓	✓	✓	✓	✓	✓	✓
AI Spy in Hover Mode	Hover on AI objects and AI text objects to identify them.	✓	✓	✓	✓	✓	✓	✓
Visual Relation Identifier (VRI) for AI	Identify unique objects using its proximity to other AI objects (i.e., above, to the left).	✓	✓	✓	✓	✓	✓	✓
Dark Theme	Enhance legibility and readability with an aesthetically darker IDE that's friendlier on your eyes.	✓	✓	✓	✓	✓	✓	✓
Microsoft Chromium-based Edge	Introducing Microsoft's latest browser incarnation—built on Google's Chromium project.	✓	✓	✓	✓	✓	✓	✓
Dynamic add-in loading	Replay your tests seamlessly without having to go back and tell UFT One which add-in to use.	✓	✓	✓	✓	✓	✓	✓
Cloud OCR	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.	✓	✓	✓	✓	✓	✓	✓
Docker Containers for API Testing	Run API tests in a lightweight Windows Docker environment directly from Jenkins.	✓	✓	✓	✓	✓	✓	✓
Amazon Device Farm integration	Test devices stored on an AWS Device Farm via UFT Mobile, including private devices.	✓	✓	✓	✓	✓	✓	✓

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SAP web testing on Chrome	Choose whether to support your SAP tests on IE or Chrome without overhauling your scripts.	✓	✓	✓	✓	✓	✓	✓
AI-based testing for mobile	Artificial intelligence (AI) capabilities—designed to help real customers address real automation problems across mobile and mobile web.	✓	✓	✓	✓	✓	✓	✓
Azure DevOps Server	Leverage Microsoft's CI/CD tool to trigger tests from UFT One's local file system or ALM.	✓	✓	✓	✓	✓	✓	✓
Safari app extension	UFT Agent that supports replay and spy on the latest Apple Safari browser.	✓	✓	✓	✓	✓	✓	✓
Data table for GUI testing	Supports Excel's.XLSX format for GUI tests and promotes faster response times.	✓	✓	✓	✓	✓	✓	✓
Modern UI/UX design	Improved toolbar, main menu, icons, and a redesigned Start page.	✓	✓	✓	✓	✓	✓	✓
Unattended remote testing	Run tests installed on remote machines without manual intervention.	✓	✓	✓	✓	✓	✓	✓
Hyper-V virtual images	Scale test assets accordingly—spin-up multiple Hyper-V instances running UFT One.	✓	✓	✓	✓	✓	✓	✓
Full-screen web testing	Specify whether to set the browser to full-screen mode or normal mode during tests.	✓	✓	✓	✓	✓	✓	✓