



License Comparison Guide

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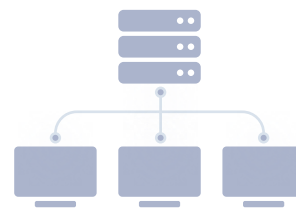
License Types - Katalon Studio & Katalon Runtime Engine

Per-User license



- One license is assigned to one individual user.
- Licenses cannot be shared between multiple users but can be transferred (when an employee leaves the project or the company).

Floating license





- One license is assigned to one parallel execution session and can be shared across unlimited accounts/machines.
- Applies to all types of execution environments.

Flexible License Model That Meets Your Needs



Katalon Studio vs. Katalon Studio Enterprise

Features	Description	 KS	 KSE
Test Generation	Web: Debugging for Record & Playback	—	✓
	Web: Image-Based Testing	—	✓
	Web: Smart XPath Generator	✓	✓
	Web: Advanced Web Locator Settings	—	✓
	API: Import OpenAPI Specification 3.0	—	✓
	API: Custom Request Methods and Advanced Settings	—	✓
	Web and API: SSL Client Certificate	—	✓
	Mobile: Image-Based Testing	—	✓
Windows: Native Windows Recorder	—	✓	
Data-Driven Testing	Excel, CSV, PostgreSQL and MySQL	✓	✓
	Oracle SQL and SQL Server	—	✓
	Combine Multiple Data Files	—	✓
	External Database using JDBC Drivers	—	✓
	Checkpoints	—	✓

Katalon Studio vs. Katalon Studio Enterprise

Features	Description	KS	KSE	
Test Execution	Parallel Execution	Run multiple Test Suites at the same time to shorten execution time	✓	✓
	Execution Scheduler	Set the execution time and date for Test Suite Collections	—	✓
	Retry Failed Test Immediately	Rerun failed tests and group results to spot false positives/flaky tests	—	✓
	Web: Smart Wait	Improved Wait mechanisms to stabilize tests during execution	✓	✓
	Web: Self-Healing	Propose and replace broken locators with working substitutes (Xpath, CSS and Image)	—	✓
	Dynamic Test Suite	Add test cases to a test suite dynamically by search query	—	✓
	Java Virtual Machine (JVM) Arguments	Propose and replace broken locators with working substitutes (Xpath, CSS and Image)	—	✓
Test Reporting	<ul style="list-style-type: none"> HTML, PDF, CSV and JUnit Reports Screenshots Videos for Browser With GUI Time Capsule (HTML Snapshot) Send Emails for Test Suite Report 	<ul style="list-style-type: none"> View and share test execution results in HTML, PDF, CSV, or JUnit format Diagnose test failures with screenshot and video Capture object again with Time Capsule, an HTML snapshot restoring the state of Application Under Test when the test fails Send email notifications of Test Suite Reports 	✓	✓
	<ul style="list-style-type: none"> Videos for Headless Browsers Report History and Test Suite Collection (TSC) Report Send Test Suite Collection Report Email Customize execution log 	<ul style="list-style-type: none"> Diagnose test failures with videos when test runs and fails on headless browsers Store and view past Test Suite and Test Suite Collection reports View and share Test Suite Collection reports in JUnit format Send mail notifications for Test Suite Collection reports Apply filters to show/hide specific details of execution logs 	—	✓
Test Maintenance And Management	Dual-Mode Debugger Manual view <ul style="list-style-type: none"> Run or Debug from here Debug: Enable or Disable Test Steps Script View <ul style="list-style-type: none"> Debug mode Attach source code for debugging Decompile Class file for debugging 	Quickly correct test failures with multiple debugging features to ensure test script quality	—	✓
	Manage Test Case With Tags	Assign tags to test cases and easily query tests for execution (Dynamic Tests Suites)	—	✓
	Import/Export Test Artifacts	Share test cases, test objects, execution profiles, and custom keywords to remove duplicated efforts	—	✓
	Import/Export Desired Capabilities	Share and apply all settings relating to desired capabilities across projects	—	✓
	Test Objects Refactoring	Scan the Object Repository to backup and remove unused test objects	—	✓

Katalon Studio vs. Katalon Studio Enterprise

Features	Description	 KS	 KSE
Native Integrations	Application Lifecycle Management (ALM) tools: JIRA, Katalon TestOps, Azure Test Plans, qTest, TestRail, TestLink, Rally	—	✓
	Cloud Provider: Kobiton, Sauce Labs	—	✓
	Git-based source code management (SCM): GitHub, GitLab, Azure Repos, BitBucket, etc.	via HTTPs	via SSH
CLI, CI, Docker Execution	Katalon automated tests can be run on: <ul style="list-style-type: none"> • Command-Line Interface (local machines) • CI Servers: Jenkins, Bamboo, TeamCity • Cloud CI: CircleCI, Azure DevOps, BitBucket, GitLab, GitHub Action. • Katalon Docker Image • Cloud-Based App Testing Infrastructure: Microsoft App Center Tests, AWS Device Farm, etc. 	+ KRE	

Katalon Studio Enterprise & Katalon Runtime Engine FAQs

1 How many licenses do I need?

For Katalon Studio Enterprise, the number of licenses will be equal to the number of users. For Katalon Runtime Engine, the number of licenses will correlate to the number of parallel sessions. [Learn more.](#)

2 How do I use Katalon Studio Enterprise in an offline environment?

per-User licenses can be converted to offline and will be active until their expiration date.

3 Can Katalon Studio Enterprise execute tests in the command-line interface (CLI)?

To execute a test in CLI mode, you will need a Katalon Runtime Engine license. [Learn more.](#)

4 My team has contractors, rotating employees, or projects with episodic tasks. What is the best practice?

In this case, we recommend the monthly Katalon Studio Enterprise license to best optimize your project's budget.

5 What is the Katalon Runtime Engine floating license?

One license is assigned to one parallel execution session. This license applies to all types of execution environments and can be shared across multiple accounts/machines.

6 How many licenses should I subscribe to if I have more execution machines than parallel sessions?

To ensure work continuity, you need an adequate number of Katalon Runtime Engine licenses for your execution machines. Therefore, the number of Katalon Runtime Engine licenses should be equal to the number of execution machines. Additionally, you can expand testing bandwidth using TestCloud. [Learn more.](#)

Katalon TestOps vs. Katalon TestOps Enterprise

Features	 TestOps	 TestOps Business	 TestOps Enterprise
Test Results included	<2000 results	Custom	Custom
Users	Unlimited	Unlimited	Unlimited
Storage	3-month retention	Lifetime retention	Lifetime retention
Parallel Execution	✓	✓	✓
Test Planning	✓	✓	✓
Test Management	✓	✓	✓
3rd-Party Integration	✓	✓	✓
Report & Analytics	✓	✓	✓
Single Sign-On	—	—	✓
IP Whitelisting	—	—	✓
Dashboard Customization	—	—	✓
Support	Community Support	Helpdesk Support	Dedicated Support
Visual Testing	Standard	Standard	Professional (5K images)

Need more assistance?

[Contact Sales](#)

Katalon Visual Testing Pricing Tiers

Visual testing is a feature that allows users to create visual regression tests with minimal efforts. Its seamless integration with the Katalon platform means that users can start using it without having to worry about complex setups or third-party configurations. There are two pricing plans: a free Standard plan, and a paid Professional plan.

Standard (Free)	Professional
<ul style="list-style-type: none"> ✓ 1,000 images per month ✓ Standard Visual Test Run Reports ✓ Schedule Test Runs with baseline collections ✓ Specify areas to ignore ✓ Pixel-based comparison 	<ul style="list-style-type: none"> ✓ 20,000+ images per month ✓ Standard Visual Test Run Reports ✓ Schedule Test Runs with baseline collections ✓ Specify areas to ignore ✓ Pixel-based comparison ✓ Text-based comparison (AI) ✓ Layout-based comparison (AI)

Katalon Visual Testing FAQs

1 How does Katalon use AI to reduce false positives in visual regression?

Aside from the pixel comparison approach, we provide two new image comparison methods using AI: layout-based and text/content-based.

Katalon leverages AI to define and match various zones between the checkpoint image and the baseline image, then highlight changes in the layout. We also use machine learning models to extract and compare texts from the two images regardless of font family, font size or color, which helps the user to quickly identify texts modified from the original version.

2 Can I exclude specific areas from the comparison?

Yes, you can use the Configured Ignored Zone feature by editing the most recent baseline image and adding the ignored zone(s) to the area(s) when comparing a screenshot with the baseline image.

3 How does Visual Testing compare to other tools?

Visual Testing is an integral part of the Katalon ecosystem; it enables a seamless integration without any setup effort, saving time and optimizing your testing performance. It quickly identifies unexpected visual changes made to the UI on top of the functional testing.

Katalon Studio supports [integration with Applitools](#) for customers that are already using the application.

4 Do I need TestOps Enterprise to purchase the Visual Testing add-on?

No, customers don't have to have TestOps Enterprise, Visual Testing Standard is available in TestOps Free and TestOps Business. TestOps Business customers can upgrade to Visual Testing Professional. Enterprise customers have all the advanced features with 5,000 images included and can upgrade to Visual Testing Professional for 20,000+ images.

Katalon TestCloud Pricing Model

Katalon TestCloud is intended to work for all team size, complexity of tasks, and budget capacity. Therefore, our pricing model has been structured into two different types:

- Free trial.
- Per session, tailored for projects where larger and long-running tests are executed often.

Free Trial

- ✓ 5 parallel sessions.
- ✓ 30-day free trial.

Per Session

- ✓ Users can buy as many sessions as needed.
- ✓ Each session includes unlimited testing minutes.
- ✓ Monthly sessions expire 30 days after purchasing date.
- ✓ Annual sessions expire 365 days after purchasing date.

Katalon TestCloud FAQs

1 What is a TestCloud Session?

A TestCloud session is equivalent to a Katalon test suite or test suite collection execution. Multiple parallel sessions are needed when you want to execute test suites or test suite collections in parallel.

2 Who should use TestCloud?

Testers, developers, and DevOps engineers who want access to multiple environments to test on any browser, version, OS, or combination of the three. We believe in making our testing solutions available to meet the needs of users across a spectrum of team size, complexity of tasks, and budget capacity.

3 Is TestCloud a replacement for KRE?

No, both can be used in conjunction. You can continue using KRE locally and also use TestCloud to expand your testing environment bandwidth. After you are done testing you can shut down your TestCloud instance.

4 There are other alternatives for cross-browser and cross-platform testing, why should I pick TestCloud?

Using third-party solutions means that you would have to deal with other vendors, connections, and configurations which will take time away from you and your team. TestCloud is part of the Katalon Platform which means once you have a Katalon account, you have immediate access to all the platform components and do not need to do any extra deployments or configurations.



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