AUTOMATED MOBILE TESTING PLATFORM

ACCELERATE APP TESTING ACROSS REAL DEVICES, EMULATORS AND SIMULATORS

The Sauce Labs mobile app testing platform enables users to test both native and hybrid mobile apps across simulators, emulators, and real devices. Run tests on our public cloud across hundreds of mobile device and operating system combinations - in parallel - without setting up or maintaining test infrastructure. Or, test with us on a private cloud with real devices dedicated to your team via a secure iPSec VPN tunnel.

Sauce Labs supports leading testing frameworks like Espresso and Appium, the world’s leading cross-platform mobile automated testing platform, so you can test in parallel - accelerating your tests by up to 10x. Because you are testing faster, you can increase device / OS coverage and improve app quality to catch issues on devices you don’t have in your lab. Whether running automated or manual tests, users get test results with screenshots, videos, and log files to help developers find bugs faster and release higher quality software more quickly.

Three Options for testing iOS and Android mobile apps

EMULATORS & SIMULATORS

Automate your testing with Appium on over 170 device simulators (iOS) and emulators (Android) in the Sauce public cloud. These are best for high concurrency testing - we spin up single-use virtual machines for every test to ensure consistency of results and the security of the test environment, resulting in the most cost-effective way to quickly test your apps.

REAL DEVICES - PUBLIC CLOUD

Run automated tests using Appium or Espresso across our cloud with hundreds of the latest mobile devices. Or, step through your tests manually to reproduce bugs under the same conditions as your users. Testing across multiple devices ensures the most accurate results, enabling you to release bug-free apps faster.

REAL DEVICES - PRIVATE CLOUD

Run highly secure automated or manual tests on a suite of devices dedicated to your team on our cloud. Run tests using Appium, or Espresso via VPN secured access. The best way to run automated tests across specific devices, configured for your needs, without the hassle of maintaining your own device lab.
FEATURES + BENEFITS

The Sauce Labs experience is maximized when used with agile best practices such as automation, scaling tests, running them in parallel, and incorporating continuous integration, delivery, and testing into your builds. **With Sauce, you get:**

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**A ROBUST MOBILE TESTING PLATFORM**

Test native, hybrid, and mobile web apps on over 170 simulators, emulators and hundreds of real device types on our highly scalable, instantly available, CI-ready public cloud. Or, choose your own devices to test on a private cloud. Run automated tests to speed up development or manual tests for high quality spot-checking and bug reproduction.

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**POWERED BY APPIUM & ESPRESSO**

Automate your native and hybrid mobile tests using the open source framework of your choice. Appium is a cross-platform automation tool that enables you to write mobile tests in any language or framework. Or choose Espresso for Android testing.

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**REAL DEVICES: THE SAUCE DIFFERENCE**

Sauce Labs provides hundreds of the most popular iOS and Android real devices on our instantly available, highly scalable mobile public cloud. When you are not testing for hardware dependencies, access our emulators and simulators.

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**TEST ON YOUR OWN PRIVATE DEVICE CLOUD**

With a private cloud, we host devices dedicated to you with your settings so your tests always start from the same configuration. Enjoy the freedom to choose the devices you need and test securely knowing only you have access. Run manual and automated tests securely via a private VPN.

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**REMOVE INFRASTRUCTURE AS AN OBSTACLE**

Leave the hassle of setting up and maintaining a device lab - not to mention the drudgery of keeping up with the latest versions of each device - to Sauce. Free up developer time to do more things that matter - like write code, test, and speed up your delivery time.

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**SCALE WITH SAUCE FOR SPEED**

Spin up iOS and Android simulators, emulators, and real devices and run tests in parallel to increase speed and mobile test coverage. Scale testing to isolate defects earlier in the development cycle and shorten time to market; save time, resources, and money.

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**PINPOINT ISSUES EASILY**

Watch a video recording of your whole test from start to finish. Or, flip through screenshots to diagnose errors and verify layout. And, we make it easy to share results via our Slack and HipChat integrations.

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**TAKE CONTROL**

Access a live remote desktop session while running tests. Manually take control of the emulator, simulator (to, say, clear a popup that's blocking your test), or “breakpoint” the test to stop automation and diagnose issues.

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**DEVOPS APPROVED:**

**TEST SECURELY IN THE CLOUD**

Data is never exposed to future sessions since tests are run in our secure data center - simulators/emulators are destroyed after each run and devices are thoroughly cleaned.