

# Mobile Application Quality with Sauce Labs

Develop and release mobile apps with confidence.

Sauce Labs offers the broadest mobile testing solution in the industry, enabling organizations in the modern era of DevOps to achieve quality at speed throughout all phases of the mobile application development lifecycle, and release better mobile apps to the market, faster.

Ensure your mobile apps work as they should in real-world scenarios, on any device, any browser, every time.

## ACHIEVE QUALITY AT SPEED ACROSS THE MOBILE APP DEVELOPMENT LIFE CYCLE

Development • Integration • Production



Real and Virtual Device Testing



Mobile App Distribution and Beta Testing



Error Monitoring & Reporting

## Comprehensive Device and Test Coverage with Real Device Cloud

Test on the most extensive range of real devices to get a higher degree of confidence in real-world scenarios.

- Expedite automated and live testing of mobile apps with instant access to thousands of Android and iOS devices.
- Get extensive device coverage and same-day support for new OSes to keep up with evolving mobile platforms.
- Run real device tests across multiple devices in parallel to drastically reduce the test execution time.
- Accurately test your apps for display (pixels etc.), hardware dependencies, compatibility testing, and more.
- Resolve faster with the broadest suit of mobile app diagnostic signals and rich test insights.



### Public Devices

Our public devices help you run manual and automated tests across a wide variety of thoroughly cleaned Android and iOS devices, so you can increase test and device coverage.



### Private Devices

Our private devices provide the highest security and dedicated access to devices. They allow for better device management, and specific customizations to suit your needs.

## Scalable and Cost-effective Testing with Emulators and Simulators

Scale mobile test automation economically, and earlier in the mobile app development cycles.

- Automate mobile app testing early in the development lifecycle to get continuous feedback and test insights.
- Benefit from high parallelization to reduce build times by scaling tests across hundreds of the same configurations.
- Improve test coverage and find bugs early, by easily running high volumes of functional tests.
- Optimize CI workflows and keep your testing on-schedule with easy, on-demand provisioning.

## Optimized Mobile Beta Testing and App Distribution

**Streamline your mobile beta testing processes to release better mobile apps in shorter development cycles.**

- Distribute your apps to beta testers with an all-in-one enterprise-grade Android and iOS app distribution platform, and ensure only the authorized users have access to your apps.
- Debug apps faster by getting real-time user behavior and application insights with video session recordings.
- Uncover more quality issues by allowing beta testers to easily report bugs with intuitive in-app feedback forms.
- Enhance collaboration and reduce developer feedback time, with integration support for a range of issue tracking and team communication tools.

## Best-in-class error monitoring & reporting (Backtrace)

**Capture, prioritize, and quickly resolve application errors in development, test, beta, or post-release.**

- Capture all native crashes, exceptions, hangs, and low memory errors on any platform and operating system.
- Better assess the impact of fatal and non-fatal errors with the most accurate and flexible deduplication system.
- Debug faster with support for a wide range of NDK and iOS versions, breadcrumbs, file attachments, and more.
- Analyze crashes more effectively with the ability to group, filter, or aggregate on any custom attribute, and utilize custom views of data designed for debugging.

## Empower Quality Stakeholders Across The Mobile App SDLC



### Mobile App Development Teams

Develop, iterate, and resolve faster with a comprehensive suite of mobile app diagnostic signals, rich test insights, real-time user feedback in beta, and robust error reporting.

Work with the test automation frameworks and tools of your choice to maximize productivity.



### QA, SDET Teams

Get a complete view of application quality across a spectrum of devices. Detect and prioritize issues faster with a range of app diagnostic signals, user feedback and bug reports in beta, and rich test insights.

Collaborate better with development teams to create consistent feedback loops throughout all stages of app mobile development.



### Extended Teams

Enhance collaboration for quality for all stakeholders invested to build better quality mobile applications.

Get insights into real user experiences, monitor application errors, and understand customer problems in production to improve response and resolution times.



Test Together



EMU/SIMS | Real Devices | Real Users



DevOps Excellence

## Extensive Integrations and Framework Support

### Achieve CI/CD Excellence



Jenkins



GitHub



Travis CI



Circle CI



Bamboo



Team City



Azure DevOps

### Track and Test Issues Faster



Jira



GitLab

### Work with Your Preferred Mobile Test Automation Frameworks



Appium



Espresso



XCUITest

### Collaborate Better



Slack



Teams