# Real Device Cloud

**Achieve quality at speed across the mobile app development lifecycle**

Get instant access to the most extensive range of Android and iOS real devices and leverage best-in-class mobile app diagnostic signals to release better mobile apps, faster.

### Maximize device coverage

Test native and hybrid mobile apps across the widest range of real devices including iPhone, iPad, Samsung Galaxy, Google Pixel, Oppo, Huawei, Xiaomi, and more.

### Test at scale – from anywhere, anytime

Easily scale automated tests based on your business needs. Test your mobile apps from anywhere, on the specific device/OS configurations you need.

### Reduce costs and operational burden

Eliminate the pain of procuring, maintaining, and updating devices on premises, so your teams can focus on app development and innovation.

### Speed up test execution

Reduce test execution time by running real device tests across multiple devices in parallel. Move fast by integrating into your existing CI/CD pipeline.

### Debug and Resolve Faster

Quickly determine the root cause of test failures and errors by leveraging the industry's broadest range of diagnostic and quality signals for real device testing.

### Accelerate mobile beta testing

Optimize mobile app beta testing and streamline Android and iOS app distribution to iterate and release high-quality apps faster.

## Choose the Device Types That Meet Your Needs

**Public devices**
Our public devices help you maximize coverage by running manual and automated tests on a vast array of secure Android/ iOS devices and ensure comprehensive  testing on diverse platforms and configurations.

**Private devices**
Our private devices offer dedicated access to devices, prioritizing security. They allow for higher degree of control and optimization in your testing workflows via mobile device management, specific device customizations, and more, to suit your business needs.

## Speed Up Manual and Automated Testing

**Manual (live) testing**
Ensure the best possible customer experience by manually testing across different mobile devices, operating systems, form factors, and resolutions that matter most to your users.

**Automated testing**
Use your existing test scripts with popular test automation frameworks like Appium, XCUITest, and Espresso. Scale your automated functional tests and mobile app performance tests to maximize coverage.

# Release Quality Mobile Apps Faster

Leverage the broadest suit of app diagnostic signals to get to the root cause of test failures and errors, faster.

**Resolve errors and crashes**
Get complete context on errors and crashes to capture, prioritize, and resolve them faster. Get automatic error and crash data collection without the need to configure or integrate any dependency/SDK within your mobile apps.

**Detect and resolve UI issues**
Fix UI problems faster by quickly identifying interface elements that did not work as expected, with the ability to access user interactions and associating the test session actions with the app's UI.

**Capture API and HTTP/S requests**
Quickly identify the source of mobile app issues and understand your app behavior with the ability to capture API and HTTP/S requests and responses for mobile app tests.

**View and share test results**
Maximize your testing efforts by viewing and sharing the test results of your manual and automated tests, including rich test assets such as videos screenshots, test logs, and complete diagnostic information for developers.

**Understand app performance**
Get deeper visibility into app performance, and improve the time to resolve test failures with real-time device vitals that include CPU usage, memory usage, and UI responsiveness.

**Accelerate Appium test authoring and debugging**
Swiftly inspect elements within your application and resolve test automation script issues with ease, all without the hassle of additional configuration or installation steps with seamless integration of Appium Inspector in the Sauce Labs environment.

# Test As Real-World Users

**Audio capture**
Validate user flows that require audio testing by recording the audio stream generated by your native mobile apps.

**Biometric authentication**
Access test flows that are dependent on biometrics support and verify that your app responds as expected to biometrics settings.

**Camera image injection**
Test your app's camera-based functionality with the ability to mimic the system camera behavior.

**GPS simulation**
Test geolocation-based applications by easily adjusting the GPS location on devices.

**Mobile carrier networks**
Test scenarios that are not feasible using a WiFi-only connection, by connecting one or more of your private devices to a carrier network.

# Extensive Integrations And Framework Support

**Achieve CI/CD excellence**

| Jenkins | GitHub | Travis CI | Circle CI | Bamboo | Teamcity | Azure DevOps | GitLab |

**Work with your preferred mobile test automation frameworks**

| Appium | Expresso | XCUITest |

# Plan Details

Here's a breakdown of the flexible subscription plans we offer with our Real Device Cloud.

| | Self-serve (Online Only) | Enterprise (Public Devices) | Enterprise (Private Devices) |
|---|---|---|---|
| **FEATURES** | | | |
| Automated testing minutes | Unlimited | Unlimited | Unlimited |
| Live testing minutes | Unlimited | Unlimited | Unlimited |
| Test framework support (Appium, Espresso, XCUItest) | ✅ | ✅ | ✅ |
| Mobile App Diagnostics (Device vitals, network capture, interactions, error reporting, and more) | ✅ | ✅ | ✅ |
| Audio capture | ✅ | ✅ | ✅ |
| Biometric authentication | ✅ | ✅ | ✅ |
| Camera mage injection | ✅ | ✅ | ✅ |
| GPS simulation | ✅ | ✅ | ✅ |
| Static/dynamic device allocation | ✅ | ✅ | ✅ |
| ADB/ Appium (mobile:shell) support (Direct device interaction and better control) | | ✅ | ✅ |
| Mobile carrier network connectivity [1] | | | ✅ |
| MDM (Mobile Device Management) (Install your internal applications onto private devices) | | | ✅ |
| Enterprise app certificate support | | | ✅ |
| Allowlisting apps (Device customizations to allowlist app accounts) | | | ✅ |
| **ENTERPRISE SECURITY** | | | |
| Sauce Connect (secure proxy server) | ✅ | ✅ | ✅ |
| Single sign-on (SSO) integration | | ✅ | ✅ |
| IPSec VPN | | ✅ | ✅ |
| **IDENTITY AND ACCESS MANAGEMENT** | | | |
| Team management | Single team | Multiple teams | Multiple teams |
| Unlimited users | ✅ | ✅ | ✅ |
| Custom logout URL redirect | | ✅ | ✅ |
| **SUPPORT** | | | |
| Support level | Email, Online | Email, Online, Phone[2] | |
| Response time SLA | 1 business day | 1 business hour, 4 business hours, and 6 business hours for severity 1, 2, and 3 issues[2] | |
| Access to Customer Success Manager | | ✅ | |
| **PAYMENT TERMS** | | | |
| Commitment | Monthly/Annual | Annual | |

1 Adding SIM cards to private devices is an additional cost

2 For Platinum support only. For further details see https://saucelabs.com/support/policy