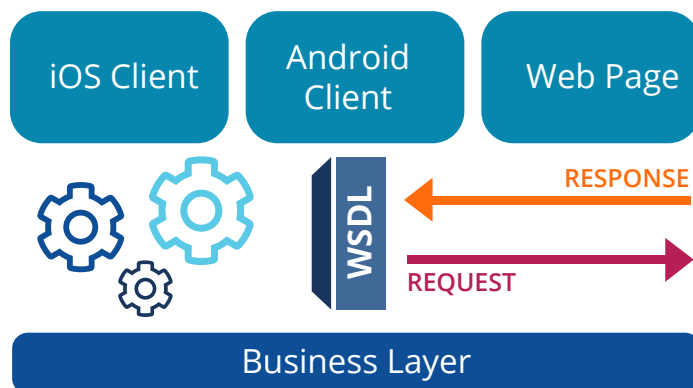


Tricentis Tosca Mobile Testing

Overview

Today's enterprises are developing and deploying new "customer experience" enhancements via mobile apps at an unprecedented rate. How can you ensure that each mobile interface is robust and seamlessly interacts with the functionality provided by your core applications—especially when "mobile" transactions span mobile, APIs, and other components that might all be evolving at different paces?

Tricentis Tosca's Mobile Engine 3.0 is designed to help testers integrate mobile testing into their broader testing strategy. By pairing the power of Appium with Tricentis Tosca's Modelbased Test Automation, we help you rapidly create mobile tests and use them as building blocks for end-to-end test scenarios that might involve mobile, APIs, SAP, and other enterprise technologies.



Key Benefits

Mobile testing without programming

Tricentis Tosca lets you create mobile tests in the same way that you create UI and API tests—just drag and drop. You gain the power of Appium, the industry-standard mobile testing tool, without having to deal with Appium's technical complexity. No complex setup or scripting is required.

Fully integrated into Tricentis Tosca

There's no need to have a disparate assortment of standalone tools for testing each part of your enterprise system landscape. Tricentis Tosca provides you with a single platform that tests your native, hybrid, and web applications for iOS and Android independently and as part of multi-channel (e.g., mobile + API + SAP...) end-to-end test scenarios.

You can start running test cases by first simulating data on your mobile device, followed by checking the data in your back-end system using a web service or database interface. Or, you could check whether your ERP system (e.g. SAP) has received the purchase order correctly.

Your mobile testing can take advantage of Tricentis capabilities such as synthetic test data generation, risk coverage optimization, service virtualization, test management, analytics, and DevOps/ALM tool integrations.

Test native, hybrid, and web apps and webpages directly on devices, simulators, emulators

Test native, hybrid, and web applications on iOS and Android devices—on Safari and Chrome browsers. No instrumentation or other application modification is needed; you can test the exact same application that you're releasing.

A single test case definition can be used across real devices, simulators, and emulators. This reuse significantly streamlines test creation, maintenance, and execution.

Key Benefits

Use device clouds for distributed automated testing

Mobile device clouds let you “rent” access to the various mobile environments that are needed to complete your test plan. Tricentis’ integration into popular device clouds helps you rapidly expand the scope of your mobile testing efforts. You can execute Tricentis mobile tests on any device, simulator, or emulator available.

This means that you can start creating and executing tests before all your target environments are known, then instantly spin up new test environments as needed. You can quickly validate the user experience on a broad range of devices— without having to acquire, configure, and manage them all.

Learn More

If you’re interested in learning more about how Tricentis Tosca’s Mobile Engine can help you integrate mobile testing into your testing strategies, visit us at [tricentis.com](https://www.tricentis.com).

Feature	Description
Installation Type	On premise + integration to device clouds
Instrumentation	None Required
Object Recognition	Technical IDs
AppTypes	Native, web , hybrid
Mobile OS	Android, iOS
Mobile Browsers	Safari, Chrome
SAP Fiori	Yes
Real Devices	Yes
Emulators	Yes
Simulators	Yes
Cross Device	Yes
Tethered (USB)	Android, iOS
CI Integration	Automated deploy and startup; tests are launched automatically—no manual interaction required

About Tricentis

With the industry's #1 Continuous Testing platform, Tricentis is recognized for reinventing software testing for DevOps. Through risk-based testing, scriptless end-to-end test automation, and the industry's most extensive technology support, Tricentis breaks through the barriers experienced with conventional software testing methods. Our innovative technologies simplify testing for even the most complex enterprise applications—transforming testing from a roadblock to a catalyst for innovation.