

# Automation testing



## External resources:

- [Quantum Framework](#)
- [Selenium Remote WebDriver Wiki](#)
- [Selenium WebDriver Advanced Usage](#)

Perfecto integrates with a wide variety of automation test frameworks, eliminating any problem that organizations may face to be limited to a specific automation test framework. This flexibility enables teams to unify their approach to testing digital experiences across multiple devices and technologies.

## In this section:

- [Appium](#)
- [Selenium](#)
- [XCUITest](#)
- [Espresso](#)
- [CI tools](#)
- [Perfecto Connect](#)
- [Generate security tokens](#)
- [Define capabilities](#)
- [Perfecto extensions](#)
- [Work with UI elements using XPath](#)
- [Desktop-web customization service](#)
- [Visual analysis](#)
- [Virtual mobile devices | Early Access](#)
- [Injection of sensory input](#)
- [Accessibility testing](#)
- [Create, execute, and schedule maintenance scripts \(Perfecto IDE alternative\)](#)
- [REST API](#)

Perfecto also provides a rich [REST API](#) that you can use to extend the automation of Selenium and Appium with functionality not readily available with frameworks that target emulators. These features include the following and more:

- Select the device to test on, whether a mobile or desktop.
- Use the device sensors to verify your application's integration with the camera, fingerprint sensor, and more.
- Generate phone calls or SMS messages from a device with a SIM.
- Create a virtual network to automate the applications in different environments.