OpenText Functional Testing Lab for Mobile and Web

Develop, debug, test, monitor, and optimize mobile apps with a centralized end-to-end lab and management gateway

Benefits

- **Increase** team productivity with an omnipresent mobile devices lab
- **Accelerate** velocity by eliminating bottlenecks
- **Reduce** overall spend with integrated open-source testing
- **Drive** continuous improvement and optimization

OpenText™ Functional Testing Lab for Mobile and Web provides centralized access to either:

- Physical mobile devices (Android™ and iOS™) hosted locally, or as-a-service (OpenText™ Managed Services, OpenText™ Professional Services, Amazon Device Farm™)
- Device emulators (Google SDK™, Genymotion®)

To enable:

- Mobile app remote development, debugging, and testing using local development environments (IDEs)
- Testing via OpenText or open-source automated testing tools
- Interactive testing directly from a web browser

The industry-leading functional testing solutions delivers AI-driven automation to test any technology, through any browser, and on any mobile device, operating system or form factor, from the cloud or on premises.

Feature	Description
Browsers	On-demand access to desktop browsers as-a-service, allowing you to test your applications through different browsers and browser versions from anywhere
Enterprise grade lab and management gateway	Flexible solution for mobile devices, emulators, and applications to support continuous delivery for omnichannel applications
Comprehensive monitoring	Run manual and automated functional testing, performance testing, security testing, and interactive testing directly from a web browser
Remote development, debugging, and testing	Access remote devices in preferred tool/IDE (commercial or open source) and eliminate the need for physical device access
Scalable deployment and configuration models	Hybrid architecture and connectors; access to device emulators or physical mobile devices (Android and iOS) hosted locally or As-a-Service
Embedded virtualization	Execute tests with simulated APIs and Virtual Services; virtualize mobile sensors, interfaces, and network conditions

Associated products

- OpenText™ Core Software Delivery Delivery Platform
- OpenText™ Functional Testing
- OpenText™ Functional Testing for Developers
- OpenText™ Service Virtualization
- OpenText™ Professional Performance Engineering (LoadRunner Professional)
- OpenText™ Enterprise Performance Engineering (LoadRunner Enterprise)
- OpenText™ Performance Engineering for Developers (LoadRunner Developer)
- OpenText™ Software Delivery Management
- OpenText™ Application Quality Management

Exploratory testing	Test your mobile app manually and capture actions performed on the device, along with screenshots, device log, and test details that can be used for defect reporting and test case creation
Open-source integrations	Appium® and Selenium®
Production monitoring	Analyze availability and performance of mobile apps

Increase team productivity with an omnipresent mobile devices lab

OpenText Functional Testing Lab for Mobile and Web offers complete deployment and configuration scalability to meet the needs of organizations ranging from medium-size companies to global enterprises. It supports a distributed architecture where different test clients can all interact with the same OpenText Functional Testing Lab for Mobile and Web server instance. Connectors can be installed on multiple machines in distributed locations and managed devices can be connected locally, inside a corporate network, or as-a-service in OpenText SaaS Private Cloud, Genymotion Cloud™, Amazon Device Farm™, or an externally hosted devices provider.

OpenText Functional Testing Lab for Mobile and Web allows an unlimited number of connected devices. Once connected, devices are pooled and available to users automatically. Devices can be connected to the OpenText Functional Testing Lab for Mobile and Web server machine, or using the standalone connector, to a different machine.

Accelerate velocity by eliminating bottlenecks

OpenText Functional Testing Lab for Mobile and Web allows dev testers and developers to directly access the mobile devices lab from within their preferred Integrated Development Environment (IDE). Developers can quickly and efficiently execute and debug their code or review a defect fix on a wide range of emulated and physical devices, hosted on premises or in the cloud, directly from their IDEs. This eliminates the need to connect physical devices to their workstation, or to use additional tools.

Reduce overall spend with integrated open-source testing

OpenText Functional Testing Lab for Mobile and Web eliminates the need for maintaining Appium Grid environments for mobile testing and facilitates Appium® testing for iOS apps by eliminating platform dependencies. Since devices are available to any authorized user, costs are reduced by pooling devices and improving utilization rates. The OpenText Functional Testing Lab for Mobile and Web server acts as an Appium® server so that existing scripts can be updated, and devices can be selected by choosing the desired capabilities.

Drive continuous improvement and optimization

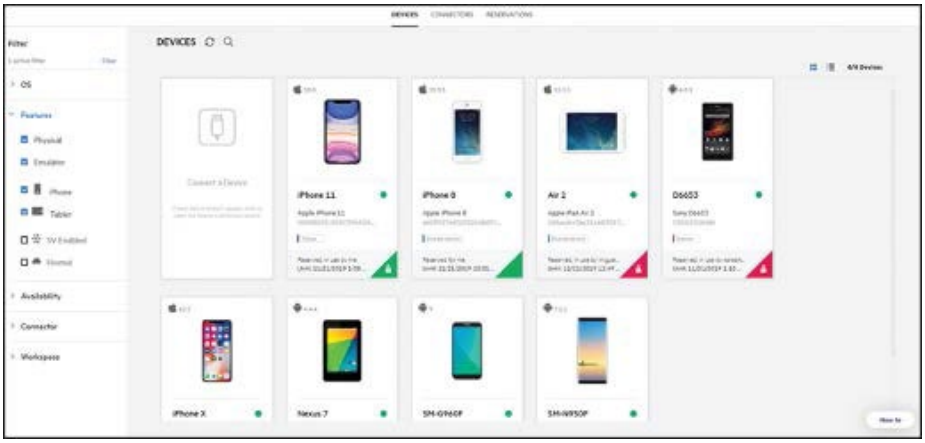
Business Process Monitor (BPM) integration with OpenText Functional Testing Lab for Mobile and Web enables businesses to measure application performance and availability on end-user physical mobile devices. These measurements are delivered in near real time, allowing IT staff to proactively react to performance alerts from different locations and isolate mobile service issues quickly.

Resources

Request Demo ›

OpenText™ Functional Testing Lab for Mobile and Web ›

10 Reasons to choose OpenText™ Functional Testing Lab for Mobile and Web ›



Build a lab of mobile devices and emulators, enabling teams to reserve and control remotely

opentext™