

# Mobile Center

Micro Focus® Mobile Center provides an enterprise level end-to-end lab of real mobile devices and emulators to support building a memorable app experience. With Mobile Center, testers can validate all aspects of the mobile user experience including functionality, performance, and security testing. Mobile Center drives continuous improvement and optimization by analyzing usage, network performance, and mobile application production monitoring.

## Product Highlights

### How Mobile Center Can Help

Micro Focus Mobile Center is an enterprise-grade mobility gateway that helps teams test, monitor, and optimize their mobile applications to promote an enhanced user experience across digital touchpoints. Mobile Center provides centralized access to physical mobile devices (Android and iOS) hosted locally

or as-a-service (Micro Focus StormRunner Functional, Genymotion Cloud, and Amazon Devices Farm) and device emulators (Google SDK and Genymotion) across the entire organization. It enables mobile app testing using popular automated testing tools from Micro Focus or open source, and interactive testing directly from a web browser.

## Key Benefits

- **Enterprise-grade lab management**—scalable solution that supports multiple projects and campaigns in the enterprise organization for virtual cross-functional and cross-geography teams
- **Scalable deployment**—deploy on-premise or in a hybrid infrastructure, leverage local or cloud-hosted mobile devices
- **Centralized gateway**—full control of all mobile apps, devices, and emulators across the organization, segregated to workspaces
- **App and browser testing and monitoring**—run manual, automated, performance and security mobile app tests on real mobile devices for native, hybrid and web mobile apps and execute cross-browsers use cases
- **Continuous improvement and optimization**—analyze the usage and provide metering information for the system utilization to support business decisions

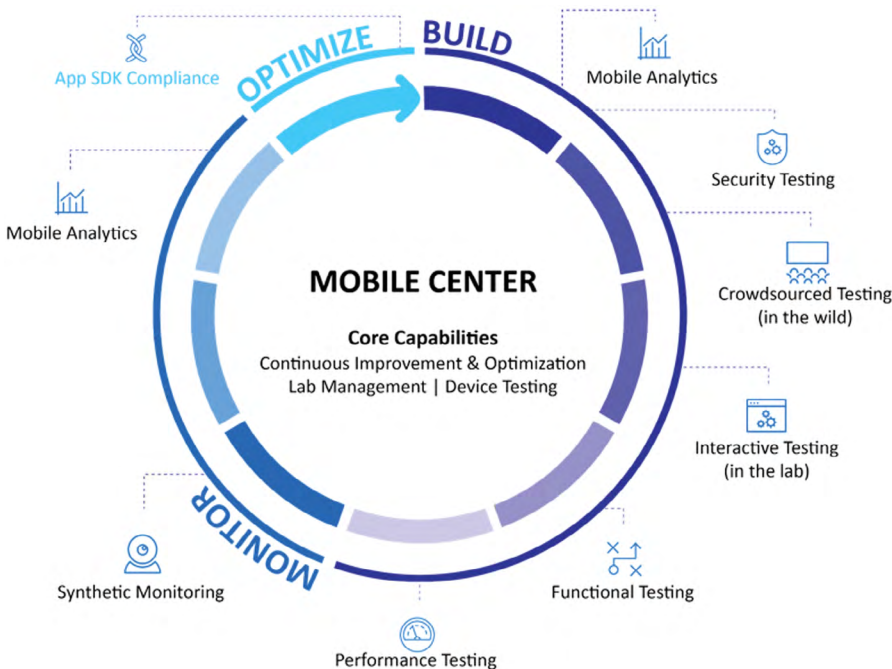


Figure 1. Mobile Centers Core Capabilities

## Key Features and Benefits

### Hybrid Deployment and Hosted Devices

Mobile Center offers complete deployment and configuration flexibility. Mobile Center's hybrid architecture permits the server, connectors, and managed devices to be connected locally, inside a corporate network, or as-a-service in Micro Focus StormRunner Functional, Genymotion Cloud, Amazon Device Farm, or an externally hosted devices provider. Once connected, devices are pooled and available to users automatically.

### Centrally Manage Mobile Projects with Regards to Devices, Apps, and Users

Mobile Center's enterprise management includes workspaces and device reservations and licenses allocation. These capabilities allow Mobile Center administrators to segregate or share the devices and apps to assure equitable usage and protect privacy.

Users of Mobile Center view devices and apps available to their workspace through a supported testing tool or in a web browser. Using a remote viewer, users can interact with devices without the need for physical access while maintaining the ability to interact with a device's sensors and multimedia capabilities.

### Virtualize Sensors and Interfaces

Many mobile workflows can be tested directly on a physical device, but frequently native mobile and web app test automation is difficult if the apps use sensor and interface capabilities. Capacity for supporting sensors and enhanced interfaces include:

- Photo and video simulation
- Fingerprint simulation
- Capturing audio output
- Virtualizing network conditions
- Phone call and text interruption
- GPS injection
- Gestures

When combined with test automation, these capabilities enable enhanced workflows for developers and testers through shortened feedback cycles in Continuous Integration, Continuous Testing, and DevOps practices.

### End-to-End Mobile App Lifecycle

Mobile Center's capabilities support a flexible mobile app development lifecycle, with integrations with Micro Focus' broader portfolio and

popular open source testing tools. Test automation is achieved through native integrations with Micro Focus' Unified Functional Testing (UFT), Silk Test, and LeanFT tools, while open source testing is enabled with Appium.

Any successful app will experience constraints unique to the mobile landscape. In mobile, the impact of variables like network conditions and device fragmentation are magnified dramatically. Integrations between Mobile Center and LoadRunner or StormRunner Load combine virtual users with real devices in a unified performance test for assurance that an app's supporting infrastructure meets capacity requirements while security testing powered by Fortify on Demand allows security testing of apps quickly, accurately, and affordably. Once in production, Mobile Center integrates with AppPulse Mobile for insights on how users interact with the app, on what devices to focus testing, and the overall health of the user experience.

### Optimized Open Source Mobile Testing

With Mobile Center, open source test automation teams can work with more flexibility, more efficiently. They can also conserve time with improved access to devices, reduced maintenance requirements, and lower technical barriers. Mobile Center eliminates the need for maintaining Appium Grid environments for mobile testing. Mobile Center makes Appium testing more convenient by eliminating platform dependencies when testing iOS apps with Appium. Since devices are available to any authorized user, costs are reduced by pooling devices and improving utilization rates. The Mobile Center server acts as an Appium server so that existing scripts can be updated and a device selected by choosing the desired capabilities.

### Flexible Licensing

Mobile Center offers flexible licensing to accommodate almost any organization. Every edition entitles customers concurrent access to a specified number of devices and the total number of connected devices is uncapped. Professional, Enterprise, and Ultimate include Network Virtualization (NV) capabilities and UFT licenses to enable a complete mobile testing solution.

- **Express:** 1 device, limited to manual and open source testing
- **Professional:** 4 devices, 2 NV, and 1 UFT
- **Enterprise:** 30 devices, 30 NV, and 1 UFT

Contact us at:  
[www.microfocus.com](http://www.microfocus.com)

Like what you read? Share it.



- **Ultimate:** unlimited devices, 100 NV, and 1 UFT

Additional devices may be added to Express, Professional and Enterprise.

For additional information about Micro Focus Mobile Center:

[Mobile Center Product Page](#)

[Mobile Center Help](#)

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### Supported Operating Systems

- **Linux:** Red Hat Enterprise Linux and CentOS 6.5-7.4
- **Windows:** Windows 8.1 and 10 (x86-64), Windows Server 2008 and 2012 (R2)
- **MacOS (Connector-only):** OS X 10.11-10.14

### Minimal Hardware Requirements

- 2.2 GHz or higher dual-core CPU
- 4GB RAM
- 20GB disk space

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**“With the new Micro Focus solutions in place, we will undoubtedly find more application defects. The eventual outcome will be higher quality mobile applications in days rather than weeks, providing the business with a competitive edge.”**

**DANIJEL RISTIĆ**

Test Automation Leader, Application Software Division  
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