For cybersecurity labs that need to model, simulate, test, and analyze mobile applications before deploying them in their production networks, there has always been one big problem: how can you replicate realistic application behavior in a secure, controlled-access environment?

DeviceFarm solves this problem by bundling all the components necessary to host your own mobile device bank. DeviceFarm is a pre-packaged, plug-and-play solution that can be physically deployed in any facility for remote management and automated testing of multiple devices from a single web interface. Just like commercially available device banks, DeviceFarm allows cyber labs and mod/sim personnel to test new and upgraded apps on dozens of combinations of devices and operating systems. Users can interact and control device arrays remotely via a single web interface and apply record/replay features to automate testing of mobile devices and applications.

Unlike rent-a-device approaches, DeviceFarm allows for secure control of the mobile devices, limiting physical access to those within your data center and testing teams.

Additional applications of DeviceFarm include application automation, autonomous app navigation, mobile traffic generation, and network and application security analysis.

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For more information about our solutions, products, and services, visit:
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DeviceFarm has a unique bulk control interface designed for controlling multiple mobile devices within a single view. Observing the behavior and performance of a mobile app in conjunction with other apps and devices in real-time can more effectively demonstrate the impact of mobile application activities and capabilities.

DeviceFarm Form Factors

DeviceFarm is available in a variety of form factors, including software-only. These form factors bundle remote control, management, storage, and recharging of multiple mobile devices into a pre-packaged, plug-and-play solution. DeviceMini and DeviceCube are highly compact, portable desktop versions that can manage and store several devices. As you scale up, DeviceStadium is a rack-mountable enclosure that can house up to 44 mobile devices, eight of which can be stored in DeviceRack. The chart below illustrates the capacities of each form factor.

<table>
<thead>
<tr>
<th>Device Capacity</th>
<th>DeviceFarm SW</th>
<th>DeviceMini</th>
<th>DeviceCube</th>
<th>DeviceStadium</th>
<th>DeviceRack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device Capacity</td>
<td>4</td>
<td>8</td>
<td>16</td>
<td>44</td>
<td>352</td>
</tr>
</tbody>
</table>

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