



Model, simulate, and test multiple devices from a single web interface



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?

DeviceX solves this problem by bundling all the components necessary to host your own mobile device bank. DeviceX 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, DeviceX allows cyber labs and modeling/simulation 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, DeviceX allows for secure control of the mobile devices, limiting physical access to those within your data center and testing teams.

Additional DeviceX capabilities include application automation, autonomous app navigation, mobile traffic generation, and network and application security analysis, as well as obfuscated and secure communications.

To purchase or for more information contact:

**CACI Network Modeling
and Simulation**
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For more information about our expertise and technology, visit:

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Remote Control: Remotely interact with multiple physical mobile handsets through a single web browser interface using mouse clicks and drags or touch and swipes.



App Automation: Create, save, and replay sequences of touch and swipe actions. Leverage our intelligent app crawler to autonomously navigate through your mobile application(s).



Traffic Generation: Generate realistic traffic simultaneously from multiple physical mobile devices of varying makes, models, and operating system versions.



Traffic Analysis: Perform mobile network and application security analysis through the collection, inspection, modification, and injection of client and server network traffic.



User Management and Access Control: Limit devices to particular users and manage granular permissions for specific feature access. Create custom groups to better manage device and feature usage.



Obfuscated and Secure Communications: Transfer data securely and anonymously by diversifying traffic across multiple network layers: physical, logical, and application.



Audio Support: Listen to a device's audio playback or make phone calls remotely through a web browser.



DEVICEX USERS CAN INTERACT AND CONTROL DEVICE ARRAYS VIA A SINGLE WEB INTERFACE.

DeviceX 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.

DeviceX Form Factors

DeviceX 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 45 mobile devices. For even greater scalability, CACI offers DeviceRack which can support up to 448 devices. The chart below illustrates the capacities of each form factor.



	DevicePocket	DeviceDock	DeviceMini	DeviceCube	DeviceStadium	DeviceRack
Device Capacity	1	4	8	16	45	448

This material consists of CACI International Inc general capabilities information that does not contain controlled technical data as defined within the International Traffic in Arms (ITAR) Part 120.10 or Export Administration Regulations (EAR) Part 734.7-10. (1/20/2021)



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