

zIPS + Samsung Knox

Advanced Detection & Remediation of Mobile Threats

Knox is defense-grade mobile security built into Samsung's newest devices. By combining Knox's hardware-based capabilities with Zimperium's industry-leading machine learning detection capabilities, Samsung users will immediately have advanced protection against even zero-day, unknown attacks.

Samsung Knox Overview

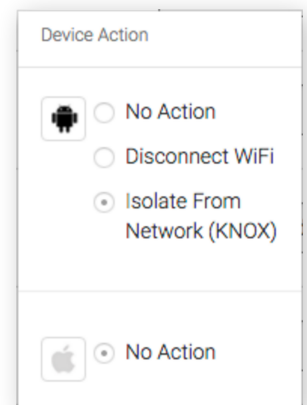
Samsung Knox provides strong protection of enterprise data by building a hardware-rooted trusted environment. A trusted environment ensures that enterprise-critical operations, such as decryption of enterprise data, can only occur when core system components are proven to not be compromised. For many pieces of device software, this is done by checking the cryptographic signature of each piece of software. A trusted environment is hardware-rooted if both the cryptographic keys and code used to compute these signatures are tied back to unmodifiable values stored in hardware.

For a full list of Knox supported devices, please visit: <https://www.samsungknox.com/en/knox-supported-devices/my-knox>

Providing Deeper Security with zIPS

Zimperium's zIPS™ provides real-time on-device protection against known and unknown iOS and Android threats. Powered by Zimperium's patented machine-learning engine, z9™, zIPS detects attacks on all three mobile threat vectors - Device, Network and Applications.

For any Knox-capable device, not just those that are covered by Knox enterprise licenses, zIPS facilitates lower level, tamper-resistant remediations. Currently, zIPS interacts directly with Knox to isolate any malicious app or process from the network. By automatically disabling network communication, zIPS + Knox renders the malicious apps and processes useless, even before they are successfully uninstalled. This prevents a hacker from stealing any assets or from leveraging the device to gain any access.



Future-proofing Protection

In 2017, Zimperium will launch additional Knox-based mobile threat capabilities to enhance on-device detection, reduce resource utilization, and improve customers' ability to defend against attacks without loss of data or further infection. Samsung is both an investor and partner of Zimperium.

See how zIPS + Knox can protect your organization's mobile devices from advanced threats.