

SAMSUNG

Defense grade
security for an
open world.



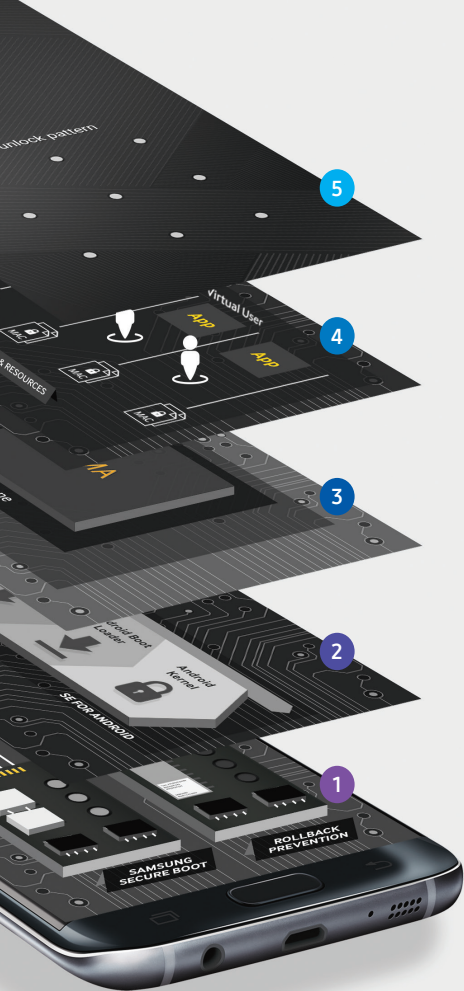
SAMSUNG
Knox

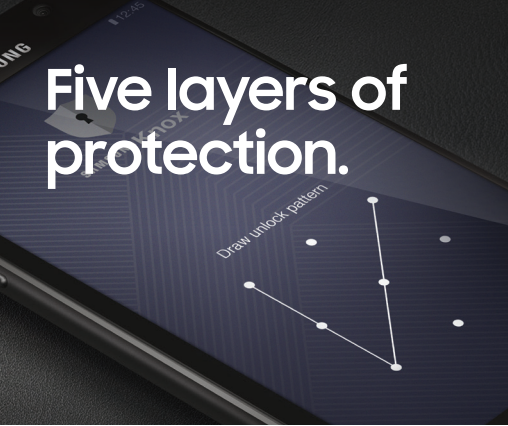
Samsung Knox can solve the paradox.



The more freedom we have, the more protection we need. The more open our world becomes, the more we need security. Samsung Knox helps solve this paradox. Security from the chip up and certified by 26 governments, Samsung Knox is our award-winning¹, integrated security platform². Samsung Knox is considered the most secure Android™ security platform solution³ by leading cybersecurity analysts.

Samsung Knox brings defense grade security for an open world.





Five layers of protection.

Knox delivers a trusted environment for every user down to the hardware level and activates as soon as the device is turned on. Knox fully integrates with leading EMM platforms, so adding Samsung mobile devices to an existing secure mobile environment is seamless.

To combat a wide range of potential threats, Knox establishes a range of defenses throughout the device's design, manufacture, bootup, software load, and operation.

SAMSUNG
Knox

1

Hardware Root of Trust anchors security in the hardware

Samsung manufactures devices in our own factories, meaning we have total control over the device software leaving the factory. We securely store encryption keys and authentication certificates in our tamper-proof hardware, providing end-to-end control of critical security elements.

2

A Secure and Trusted Boot prevents device rooting

Samsung Knox prevents unauthorized parties from hijacking the operating system that's loaded into a device at power-up, stopping hijackers from gaining unlimited super-user access to the device. Knox verifies that a device powers up with only the official operating system.

3

TrustZone-based Integrity Measurement Architecture (TIMA) detects malware intrusion

More sophisticated attacks seek to compromise the operating system at run time. Once your device is up and running, Knox continually monitors the operating system to detect those intrusions and prevent access to your private information.

4

Security Enhancements for Android locks down your data

Samsung Knox defines exactly which apps and processes can access your private information, using Mandatory Access Controls (MAC) to fortify the Android operating system against both intentional and accidental exploits.

5

Samsung Knox Workspace separates environments for work and play

Knox Workspace² separates, isolates, encrypts and protects enterprise data from attackers. It provides separate environments for work and play within a single device, and ensures the security needs of individual apps are met.

Learn more samsung.com/business
insights.samsung.com
samsung.com/b2bknox

Product support 1-866-SAM4BIZ

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¹Samsung. *Samsung Knox Workspace Awarded Best Security/Anti-Fraud Product At Mobile World Congress 2015*. 2015. Web. 21 Feb. 2016.

²Knox Premium requires license fee. Knox container solutions may come with an additional licensing fee. Full Samsung Knox available for an additional licensing fee.

³Hevesi, P. "Mobile Device Security: A Comparison of Platforms". Gartner, Inc. April 6, 2016. gartner.com/doc/3276422/mobile-device-security-comparison-platforms.

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