

TrustChip®

Hardware anchored security for mobile solutions

TrustChip® is a mobile encryption engine, it delivers plug-in hardware-based information protection to mobile security solutions. TrustChip® is a 32-bit crypto processor providing 256-bit AES within its core. A highly specialised security module, TrustChip® provides security above and beyond standard device capabilities.

Today, TrustChip® is the mobile encryption engine for premier security solutions deployed by government, enterprise and is offered by leading wireless operators and is designed to solve today's mobile security challenges. TrustChip® provides universal operation across the diverse market of mobile and PC platforms, providing both users and developers implementation efficiencies. Its portable design is well matched to short mobile device life cycles and allows organisations to mount enterprise security on employee-owned devices.

Easily add strong security

The TrustChip® solution delivers security without compromise. Its AES encryption is FIPS validated, the key certification for government use. Its hardware design insulates it from attacks on the mobile device it protects and ensures the integrity of the applications and mobile security solutions it anchors.

TrustChip® is hardened with protections from physical attack and is architected with numerous logical defences including an encrypted, hardware-based, boot loader to ensure proper operations for itself and the apps it secures. Such features are simply not available in software-only systems.

Trust engine provides the hardware anchor to mobile security solutions.

TrustChip® makes mobile security solutions more secure, more efficient and more transportable. It simplifies the mobile security challenge while simultaneously increasing the integrity of mobile security deployments. Broadly compatible, TrustChip® provides a common encryption engine across the diverse landscape of mobile devices, operating systems, security solutions and user applications. This architecture shields security processes from attacks on mobile software and the mobile device itself.

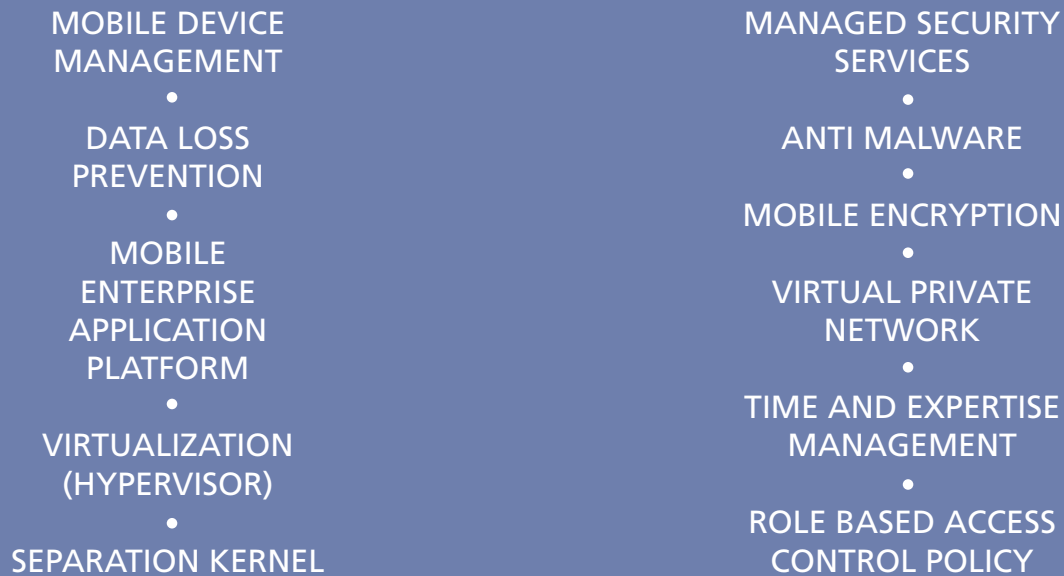
"Standards-based, hardware secured, open and transportable encryption is at the core of the best mobile security solutions."

– Department of Justice Cyber-security 2011 keynote - Tom Patterson



Secure and certify your mobile security solution

System integrators, mobile security product companies and enterprise can add the TrustChip® to mobile security solutions quickly, easily, today! The TrustAPI provides easy access to TrustChip® security functions. It is a straight forward programming environment allowing the integration of cryptographic services into any application or system. Use of the TrustAPI requires no knowledge of cryptographic concepts or key management systems. Instead, with the APIs provided, developers focus on their application's features and functions, while easily applying FIPS Validated encryption to application data. Applications can also take advantage of the TrustCenter for security management and TrustGroups for encryption between a circle of users.



Benefit from TrustChip®

- Hardware-anchored protection
- FIPS Validated solution
- Integrity anchor, fortifies any app
- Insulated from attacks on host
- Easy to integrate and use
- AES 256-bit encryption
- Per packet keying
- Authentication end-to-end
- Group-based security

Supported Platforms

- BlackBerry
- Android
- iPhone
- Smartphones
- Tablets
- PCs
- Servers

Supported Operating Systems

- RIM
- Android
- Mac
- Windows
- Win Server
- Linux
- Symbian



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