

Certicom™ KeyInject™

trusted key injection platform for anti-cloning

Certicom® KeyInject™, a trusted key injection platform for anti-cloning, enables device producers to track contract manufacturer production by controlling access to keying information; metering the use of this information and then reporting the results to the producer. KeyInject uses industry standard protocols and techniques based on elliptic curve cryptography (ECC) and AES for the strongest, most-efficient security.

Certicom KeyInject is part of the Certicom Trust Infrastructure that allows smart device vendors to securely manufacture and upgrade their devices with a cost-effective, off-the-shelf platform that offers flexibility, reliability and strong security.

proven, strong anti-cloning

Certicom KeyInject meets the stringent requirements of device producers that need to inject keying data during the vulnerable manufacturing process. KeyInject offers hardware-based protection of internal or third-party keys that is crucial to the security of the system. By controlling and reporting the volume of keyed devices, producers can eliminate the manufacture of black market devices.

cost-effective factory provisioning

Certicom KeyInject automates the process to key a device before it gets to the user which makes the system more secure while keeping costs lower in the manufacturing process. These flexible remote administration capabilities ensure that the producer can view the entire system with minimal effort which also leads to decreased costs.

complements conditional access and DRM systems

Certicom KeyInject can be used to transport and inject keys and certificates in conditional access and digital rights management (DRM) schemes such as HDCP (High-bandwidth Digital Content Protection), CPRM (Content Protection for Recordable Media), and other emerging consumer electronics standards. In these situations, unique keying material is embedded in a device to control access to streaming media and the usage of downloaded electronic files.

highly configurable

The ability to customize the interface and integrate it with the manufacturing line system enables Certicom KeyInject to address multiple deployment options. This flexibility also enables enhanced capabilities.



