



The Trustkey USB Token is a hardware cryptographic module validated against the **FIPS 140-2 at security level 2**. It is a USB-based PKI, two-factor authentication token device. It provides digital signature generation/verification for online authentications and data encryption/decryption for online transactions. The user's private and public key pairs can be generated and stored on the embedded chip. Trustkey has **32K EEPROM and 64K FLASH** for the on-card file system divided into the basic areas and extended area. The user's key pairs reside in the EEPROM. The private key can never be exported. The implementation of **FIPS-Approved** cryptographic algorithms are tested under the **Cryptographic Algorithm Validation Program (CAVP)**.

Trustkey provides the USB interface that can connect the module to a General Purpose Computer (GPC) in a "plug and play" manner, which eliminates the need to install Smart Card Reader drivers. The WatchKey implements type A USB 1.1 (full speed) specifications and USB CCID (Circuit(s) Cards Interface Device) protocol which enables communication with ISO/IEC 7816 smart cards over USB.

THE PRIMARY FEATURES

- Secure and Light Cryptography Device
- Supports USB 2.0
- Portable
- Affordable
- Easy to Use

Apart from Digital Signature, Trustkey Crypto Device can be used to secure the following:

- Email Communications
- VPN Access (Virtual Private Network)
- Access for Extranets and Intranets
- On-line Banking/Stock Brokerage

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