



# Your Key

## to Security and Mobility

DigiSAFE KeyCrypt<sup>®</sup> is the world's first 3-in-1 multi-functional USB token for logical and physical access control. Incorporating a powerful cryptographic smartcard chip, an RFID tag and a USB flash drive into a single portable tamper-resistant token, KeyCrypt provides strong two-factor authentication for both logical and physical access control.

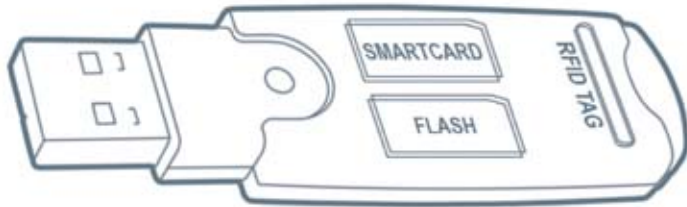
- Cryptographic Smartcard with 2048 bits RSA support
- RFID Technology for physical access control
- USB Flash Drive for application and data storage



Smartcard

USB Flash Drive

E-mail to   
Subject   
C.C.   
message



FEATURES	BENEFITS
USB cryptographic smartcard	Provides two-factor authentication solution for security applications and solutions
Supports standard X.509v3 certificates	Supports Public Key Infrastructure (PKI) and ensures interoperability with Public Certification Authority (CA) or EnterpriseCA
Supports 2048 bits RSA and 3DES cryptographic algorithms	Supports stronger security in applications and solutions
FIPS-certified smartcard	Guarantees security of token
Connects directly to PC using USB interface without requirement for readers	Greater deployment flexibility, lower deployment cost, lower total cost of ownership
USB token form factor	Portability enables greater user convenience
Standard application programming interface using PKCS#11, Microsoft Crypto API and PC/SC	Enables rapid application development and easy solution integration
Comprehensive software development kit	Total support for integrating the full security functionalities of KeyCrypt into customized applications
Integrated RFID tag	One KeyCrypt for both physical and logical authentication
USB flash drive	One KeyCrypt for storing both secure data and security applications

### USB flash drive & smartcard

KeyCrypt provides a fully portable self-contained secure platform for application execution and data storage. In addition to a smartcard for the secure storage of digital certificates, private keys, and secret user data, KeyCrypt also has an USB flash drive which can be used for the storage of device drivers, applications, and other data.

Applications can be launched directly from KeyCrypt's USB flash drive on any PC, and can also easily access the smartcard's security functions on the same KeyCrypt. Therefore KeyCrypt provides an ideal platform for portable security applications.

### RFID tag

KeyCrypt enables more powerful identity management systems by allowing a single token to provide two-factor authentication support for both logical (using the smartcard) and physical (using the RFID tag) access control. A single KeyCrypt identifies the user for access into the organization's physical premises as well as for access into the organization's computer systems.

Authorized Reseller:

### Applications

KeyCrypt integrates seamlessly out-of-the-box with a wide range of existing third-party applications to provide security functions.

- Public Key Infrastructure (PKI)
- Wireless LAN Authentication
- Secure E-mail (S/MIME)
- Secure Web Access – SSL v3
- Document Encryption and Signing
- Pre-boot Authentication
- Network/Local Logon
- Single-Sign-On (SSO)
- File/Folder Encryption
- Virtual Private Network (VPN)
- Disk Encryption
- Password Management

The KeyCrypt Software Development Kit (SDK) also provides total support for the development of customized security applications.

SPECIFICATIONS	
Memory	• 32KB EEPROM
Cryptographic Co-processor (Axalto Cryptoflex e-gate)	• RSA key generation and signature calculation (1024, 2048 bits key length) • DES & 3DES MAC and chain block cipher • DES key generation • SHA-1 hashing • On-board random number generation • Encrypted data loading
Certifications and Standards	• ISO 7816 • USB • FIPS 140-1 Level 2 certified smartcard
Platforms and APIs	• APDU • PC/SC • PKCS #11 v2.01 • Microsoft Crypto API (CAPI) • X.509 v3 certificate storage
Operating Systems	• Windows® XP (up to SP2), 2000 (up to SP4), ME, 98SE
Qualifications	• EMV compliant • Environment Qualifications • CE, FCC certified
Physical	• Tamper evident casing – ultrasonic welded • USB Type A connector – 10,000 insert/pull cycle • Operating Temperature – 0°C to 55°C • Weight – 10 ~ 15g
<b>SOFTWARES INCLUDED</b>	
Software	• KeyCrypt Integration Kit (IK) - Drivers, PKCS#11 & Microsoft CAPI libraries, and personalization tools • Secure PC Logon (Personal Edition) - Two-factor authentication for Windows Logon • PassVault (Trial Edition) - Personal password manager
<b>OPTIONAL</b>	
Software	• KeyCrypt Software Development Kit (SDK) • KeyCrypt Software Quick Start Kit - Starter libraries to provide basic API • Secure PC Logon (Enterprise Edition) • PassVault (Full Edition)
RFID Features	• HID 125kHz Proximity Contactless Technology
USB Flash Drive	• Integrated mass storage with customizable size
Java Smartcard	• FIPS 140-2 Level 3 certified smartcard • Java Card 2.1.1 • Open Platform 2.0.1

### Regulatory Compliance

KeyCrypt supports strong two-factor user authentication to enable organizations to better protect and control access to their corporate and customer data to comply with regulations such as Sarbanes-Oxley, HIPAA, FDA, and Basel II.