



Stealth MXP™

Secure Digital Identity and Encrypted Storage

Stealth MXP™ is a Portable Security Device. It is a completely portable USB powered, secure, multi-functional product with on-board processing for seamless, hardware based encryption, secure storage and strong authentication. Stealth MXP provides unprecedented security, functionality and flexibility in the management of sensitive corporate information on a portable device as well as protection and assertion of personal and corporate digital identities.

Stealth MXP is ideally suited for enterprise security applications such as Single Sign On, PKI, Encryption, and Remote Access. It has management interfaces that enable organizations to fully control security policies, deployment and usage of the devices.

As a digital identity device, Stealth MXP interoperates with systems that accept X509, legacy, and One Time Password credentials. It protects these credentials with strong user authentication (biometric, password or both) which allows systems to enforce 2 or 3 factor authentication. Stealth MXP is also ready for the emerging digital identity meta-system as a WS-Trust Portable Security Token Service (PSTS) capable of issuing SAML tokens for secure, claims based identity transactions to Target Services. Stealth MXP offers a host of general purpose, industry standard, cryptographic services, including random number generation, key generation with internal or external entropy, encryption and decryption, signature generation and verification, one time password, and secure hash.

Stealth MXP also offers transparent encryption (AES 256) of portable storage up to 2GB in a “stick” format. The Stealth MXP uses a patent pending communication protocol that provides true portability on any environment that has USB mass storage.

Stealth MXP technology is available in other hardware versions for those who do not need the portable mass storage or biometric capability. These device alternatives are Stealth MXP™ Bio Token, which has no user mass storage, and Stealth MXP™ Token, which also does not have any biometric authentication.



Security in Motion™

Powered by



Stealth MXP specifications

Features

- FIPS 140-2 L2 (in process)
- Driverless – Patent pending, zero footprint, user-mode communication protocol for true portability.
- PSTS (Portable Security Token Service) support
- Biometric (fingerprint) security access
- Biometric Swipe Technology Sensor
- 4-40 character password
- On board hardware based cryptographic services
- Storage capacity: 128MB, 256MB, 512MB, 1GB, and 2GB
- Up to 5 users and 6 fingerprints can be enrolled
- Administrator tools powered by MXI ACCESS™
- Robust metal casing to protect the device
- LEDs to indicate power and activity
- USB 2.0/1.1 Compatible
- Compact, portable footprint

Authentication and User Policies

- Biometric Authentication (Identification and Verification)
- Password Authentication
- Two-Factor Authentication (Biometric and Password)
- Up to six (6) fingerprint enrollments
- Supports five (5) users
- Two (2) rolls: Administrator or General User
- Configurable biometric retry limit
- Configurable password retry limit
- Selectable biometric sensitivity level
- Five (5) biometric security levels from 1:2,700 to 1:100,000 FAR
- Hardware fingerprint capture and comparison using swipe technology

General Purpose Cryptographic Services

- 256 symmetric key containers for AES and HOTP secret keys
- 504 asymmetric key containers for 3072 bit RSA keys
- One time password generation compliant with OATH HOTP algorithm
- 256 bit AES encryption/decryption (FIPS Pub 197)
- SHA-1 and SHA-256 hash algorithms (FIPS Pub 180-1/180-2)
- Keyed-Hash Message Authentication Code (HMAC) (FIPS Pub 198)
- RSA key generation (X9.31 and PKCS #1)
- 1024/2048/3072 bit RSA Key sizes
- RSA Signature and Verification (X9.31 and PKCS #1)
- RSA Encryption/Decryption (PKCS #1)

Storage Capabilities

- General purpose mass storage in flash memory capacities of 128MB, 256MB, 512MB, 1GB, and 2GB
- Configurable public and private partitioning
- Transparent encryption and decryption to private partitions using 256 bit AES
- Five (5) 512KB secure private stores (1/user) encrypted 256 bit AES
- One (1) 512KB public store
- Six (6) 96 byte BioAPI compliant secret payloads (1 per finger enrollment)

Portable Security Token Service (PSTS) Capabilities

- WS-Trust profile support using SAML 1.1
- Up to 36 x 64KB PSTS credential sets
- Unlimited Target Service bindings
- Supports Microsoft InfoCard

Power: USB bus power

Environment

- Windows 2000, XP (Pro & Home), MAC, Linux

Physical

Dimensions (H x W x L)














- Open: 1.1cm x 2.5cm x 10.2cm (0.45"x1"x4")
- Close: 1.1cm x 2.5cm x 9cm (0.45"x1"x3.55")
- Weight: 40g (.08 lbs)

Warranty

- Limited 1 year warranty. Return to point of purchase

Regulatory

- Certification FCC Part 15 Class B
- CE EN55022 Class B (1998) for conducted and emissions
- FIPS 140-2 L2 (in process)

	Crypto Services	Digital Identities	Strong Authentication	User Secure Storage
Stealth MXP 				 128MB to 2GB Flash
Stealth MXP Bio Token 				No User Mass Storage
Stealth MXP Token 				No User Mass Storage Password Only

Entrust[®] Ready



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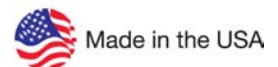
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