



# Stealth MXP™

## *Secure Digital Identity and Encrypted Storage*

Stealth MXP™ is a Portable Security Device. It is a 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.

With ACCESS Token software, the Stealth MXP can also be used as a digital identity device, Stealth MXP interoperates with virtually any security infrastructure providing unprecedented flexibility and mobility of digital 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 web services and federated digital identity systems with its capability for generating SAML tokens for WS-Trust claims based identity transactions. 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 mass storage in a “stick” format. The Stealth MXP uses a patent pending communication protocol that provides true portability on any environment that supports 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 does not have mass storage or 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: 512MB, 1GB, 2GB and 4GB
- 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
- Retractable USB sensor and USB port

## 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 512MB, 1GB, 2GB and 4GB
- Ability to enable and configure a public partition
- 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)

## Security Token Service Capabilities

- WS-Trust profile support using SAML 1.1
- Supports Microsoft CardSpace™

**Power:** USB bus power

## Environment

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

## Physical

Dimensions (H x W x L)



















- Open: 12 x 25.9 x 102 mm (0.475 x 1.02 x 4")
- Close: 12 x 25.9 x 90.2 mm (0.475 x 1.02 x 3.52")
- 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
<b>Stealth MXP</b> 				 512MB to 4GB Flash
<b>Stealth MXP Passport</b> 				 512MB to 4GB Flash Password Only
<b>Stealth MXP BioToken</b> 				No User Mass Storage
<b>Stealth MXP Token</b> 				No User Mass Storage Password Only

**RSA SecurID® Ready**      **Entrust® Ready**

**GSA Schedule** GS-35F-0142S      **SecureWave Sanctuary®** Certified Device

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