



# Outbacker MXP™

## ***Secure Digital Identity and High Capacity Encrypted Storage***

Outbacker 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. Outbacker 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.

Outbacker MXP is ideally suited for enterprise security where there is also a need for large amounts of secure portable storage. It also supports many 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, Outbacker 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. Outbacker 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. Outbacker 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.

Outbacker MXP also provides seamless encryption (AES 256) of hard disk storage of 20GB, 40GB and 60GB in footprint small enough to fit in your shirt pocket. Outbacker MXP supports the enrollment of 5 users and 6 fingerprints and uses a patent pending communication protocol that provides true portability on any environment that has USB mass storage.



## ***Security in Motion™***

Powered by



## Outbacker 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: 20GB, 40GB and 60GB
- 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 Hard Disk capacities of 20GB, 40GB and 60GB
- 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: 70 x 110 x 17 mm (WxDxH)
- Weight: Approximately 250g

### 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)

**Entrust<sup>®</sup> Ready**



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Made in the USA



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