

Outbacker MXP™

High Capacity Encrypted Storage and Secure Digital Identity

Outbacker 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. 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 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.

With ACCESS Identity™ software, Outbacker MXP can also be used as a digital identity device, Outbacker 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. Outbacker 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. 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, 60GB, 80GB and 100GB 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 supports USB mass storage.



Security in Motion™

Powered by:



Outbacker MXP specifications

Features

- Driverless – Patent pending, user-mode protocol for full portability of all functions
- Hardware based cryptographic services
- Administrative functions for management of devices and security policies
- Enterprise management with MXI ACCESS™ Enterprise
- LEDs to indicate power, data activity, and authentication status
- USB 2.0/1.1 Compatible
- Compact, portable footprint
- Key management functions for device rescue and data recovery

Authentication

- Biometric Authentication (Identification and Verification)
- Password Authentication
- Two-Factor Authentication on board (Biometric + Password)
- Three-Factor Authentication for Digital Identities (Biometric + Password + Key)
- Up to six (6) fingerprint enrolments
- Hardware fingerprint capture and comparison using swipe sensor technology

User Policies

- Up to five (5) users
- Two (2) roles: Administrator or General User
- Configurable password retry limit
- Configurable minimum password length
- Configurable biometric retry limit
- Configurable biometric security levels from 1:2,700 to 1:100,000 FAR
- Encrypted disk partitions with adjustable sizes and assignment to device users

General Purpose Cryptographic Services

- 256 symmetric key containers for 256 bit AES and HOTP secret keys
- 504 asymmetric key containers for up to 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)
- Random Number Generation (RNG and PRNG)
- SAML Token generation for WS-Trust

Storage Capabilities

- General purpose mass storage in Hard Disk capacities of 20GB, 40GB, 60GB, 80GB and 100GB
- Up to 5 (one per user) user private disk partitions transparently encrypted with 256 bit AES
- Up to 5 (one per user) internal secure private stores for software application use
- Two internal public stores for software application use (one R/O, the other R/W)

Storage Capabilities (cont'd)

- One configurable R/O disk partition for carrying portable applications
- Ability to enable and configure a public, non-encrypted disk partition
- Toshiba 1.8" HDD, 4200 RPM

Power

- USB bus power
- a power supply is provided for use when the USB port may become over taxed by other connected devices.

Environment

- Windows 2000, XP, Vista, MAC, Linux

Physical

- Dimensions: (W x D x H)
- 77.5 x 121 x 24 mm (3 x 4.75 x 0.95")
- 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



MXI Security™ a division of Memory Experts International Inc.

2321 Cohen Street
Montreal, QC Canada H4R 2N7
Tel: (514) 333-5010 * (888) 422-6726
Fax: (514) 333-5020

1651 E. St. Andrew Place
Santa Ana, CA USA 92705-4932
Tel: (714) 258-3000 * (888) 440-0400
Fax (718) 258-3040

Saracen House, Swan Street, Old Isleworth
Middlesex, UK, TW7 6RJ
Tel: +44 (0) 208-758-9600
Fax: +44 (0) 208-758-9601

3706 Lippo Centre II, 89 Queensway
Admiralty, Hong Kong
Tel: + 852-2147 5880
Fax: +852-2147 5881

www.mxisecurity.com



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