



Outbacker MXPTM

The Redefinition of Secure, High Capacity Portable Storage

Outbacker MXP is a complete standalone, portable, USB powered, secure, multi-functional product with on-board processor and seamless, hardware based encryption. Outbacker MXP provides unprecedented security, functionality and flexibility in the management of sensitive information. Data copied or removed from the enterprise network requires the same level of protection as if it remained on the enterprise network itself.

The requirement of the enterprise to protect valuable corporate data from theft or malicious manipulation is paramount. On the other hand, with the increasing demand of a mobile or remote workforce, the equal need to deploy this very information is also paramount. This offsite workforce also creates the demand for remote access to network resources. Credential validation prior to network access permission is vital to a viable network security solution.

Outbacker MXP is a device providing not only secure encrypted storage, but powerful management of digital identity credentials used for authentication and verification to enterprise and personal services.

As a digital identity device, Outbacker MXP is user bound via 3 factor authentication (biometric, password and digital credentials). Outbacker MXP is a state-of-the-art Portable Security Token Service (PSTS) for WS-Trust, providing up to 36 PSTS Credential Sets and capable of issuing SAML tokens for an unlimited number of bindings 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, symmetric encryption/decryption (AES), asymmetric signing, verification, encryption and decryption (RSA), One Time Password (OATH HOTP), secure hash (SHA-1 and SHA-256) and compliance with industry standards such as X9.31, PKCS #1 and SAML 1.1.

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 makes use of a patent pending user-mode communication protocol providing true zero footprint mode – no software installation and no administrator rights required on the host PC.

Security in Motion



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 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 2048 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)

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