

EP851 CRYPTO TOKEN USB



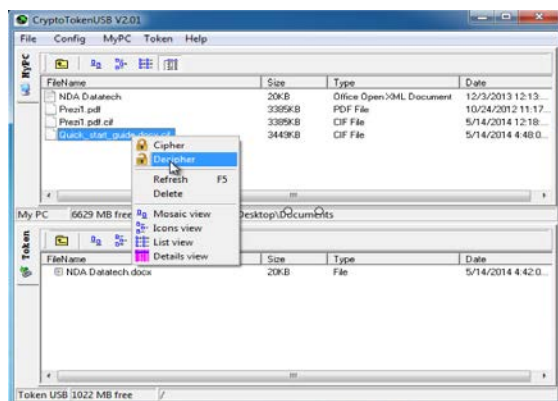
When you don't have any communications infrastructure to interchange your information in a secure way, use the **EP851**.

The EP851 is a portable USB device that allows “off-line” encryption of data coming from the computer to which it has been connected. It is a hardware device with embedded firmware.

With the EP851 you can cipher your messages and files and then you can send the information securely via email or storage the files in the crypto token to transport them.

OPERATIONAL FEATURES

- The EP851 is a compact device for files and data protection that can be interchanged between PCs of same corporation.



- Connection compatible with full speed USB 2.0 port operating in a computer with Windows OS.

- A PC application provided with the token, with a friendly interface, is the mean to setup and manage the EP851.

- 1 GB secure storage.

SECURITY PROTECTIONS

- Confidentiality with AES-256 symmetric algorithm. 100% of stored user data is protected by an AES hardware-based encryption.

- Its 100% hardware authentication algorithm eliminates the possibility of password brute force attacks by destroying all critical security parameters after 3 + 10 invalid login attempts (PIN & PUK).

- Only Windows PCs with user control application will recognize the token.

- Up to 10 user keys.

- Creation of “master keys” to share between users, so it is possible to configure groups of “authorized users” to access content.

- Keys can be easily imported and exported from the device.

- No passwords or password hashes stored on host.

- The user application has “panic button” that will destroy data and keys on the Crypto Token and will make it unusable until its re-initialization by system admin.

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- Internal RNG (random noise generator) certified.
- Tamper-proof evident
- Common Criteria Certified.
- Validated and approved by Spanish National Cryptographic Center (CCN) to protect information up to:

CONFIDENTIAL & **NATO CONFIDENTIAL levels**

- In **national networks** it is also approved by Spanish National Cryptographic Center (CCN) to protect information up to **UE CONFIDENTIAL** level.
- Manufactured and assembled in Spain.
- All manufacturing process under controlled environment.

PHYSICAL, ELECTRICAL AND OPERATIONAL FEATURES

- Dimensions: 44 x 27 x 18 mm (3.16 x 1.05 x 0.71 inches)
- Weight: 32 g
- Power consumption: 1W
- Operating temperature: 0°C a 70°C
- Operating humidity: 0 - 100%