Aventra releases MyEID 4 smart cards

Aventra has released a new version of MyEID PKI card, adding many new features.

The new features include Elliptic Curve Cryptography (ECC) support and lots of new functionality related to authentication and the file system. The new version has been designed to comply fully with Microsoft's Smart Card Minidriver specification version version 7.07.

The most important new features are:

- Elliptic curves: ECDSA and ECDH algorithms, key sizes up to 256 bits in standard version. A version with 521 bit ECC keys is available. Please contact Aventra for more information!
- Challenge/response PINs – compatible with Windows' built in smart card unblocking feature
- Automatically growing files
- Administrator and global unblocker states
- AES support for symmetric encryption

MyEID 4 is fully backwards compatible with older versions.

With MyEID cards you don't need to buy additional software to get your company's PKI system working. In Windows environment, you only need to install the free minidriver and the free MyEID Minidriver Utility. You can initialize the cards with MyEID Minidriver Utility and request certificates from your Windows domain CA. This is all you need to get for example smart card logon working.

In more complex environments, cards can be managed with Aventra's ActiveCMS and ActivePerso Manager software. On Linux and Mac OS X, you can use MyEID cards via OpenSC library/toolkit.

MyEID 4 cards can be purchased from Aventra's web shop. Please contact Aventra Sales for offer in case you need a larger quantity.

New in MyEID Minidriver Utility

- Administrator keys – create administrator keys and store them securely in encrypted files.
- Administrator cards – unblock user cards with an administrator card, which holds the challenge/response key
- Easy file encryption and decryption. Drag and drop files over Minidriver Utility to encrypt and decrypt them.

About Aventra

Aventra is a high tech company specialising in information security products and services. We are especially focusing on Public Key Infrastructure technologies. Most of our products are developed in house.

Aventra offers a complete portfolio of card products ranging from simple plastic cards to high security smart cards and tokens. Our most recent product line features security solutions for mobile applications. We also provide complete services and systems for issuing and managing cards and secure tokens, including card printers and materials.

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