

Getting started with MyEID cards and tokens

Software

MyEID cards can be used in Windows, Linux, and Mac OS environments. You also need software to initialize and to use the cards. Initialization means creating the initial structure to the cards with desired PIN and PUK codes that protect the card. For this you can use the following free software:

- Aventra ActiveSecurity MyClient
- OpenSC

ActiveSecurity MyClient

MyClient is currently for 32 and 64 bit Windows environments only (XP, Vista, 7 and 2003/2008 Server). MyClient can be downloaded freely from our web site at www.avenra.fi/myclient

Install the software, and you will find the user guides in the start menu. The software includes a CSP, PKCS#11 provider, and some card management functionality.

To initialize a card, you must at first enable card management user interface by setting a registry value. Using regedit, locate the key that contains MyClient's settings:
HKEY_LOCAL_MACHINE\Software\Fujitsu\DigiSign Client
and change value 'userLevel' from 0 to 1 (or add the value as REG_SZ, if it does not exist). Next time you open MyClient manager, the card management tab is available. Choose PIN and PUK codes and click the "Initialize card" button.

OpenSC

OpenSC is an open source project that has support for MyEID cards. You can use OpenSC in Windows, Linux, and Mac OS environments. The latest version can be downloaded from their web site www.opensc-project.org

OpenSC has a PKCS#11 provider, minidriver for Windows, and some tools to initialize and manage the cards.

If you have any questions, you can contact us at support@avenra.fi

MyEID Minidriver

A minidriver for MyEID cards is available from Aventra. The minidriver integrates MyEID cards tightly with Windows. The minidriver works together with Microsoft Base Smart Card Crypto Provider, which provides cryptographic functionality for applications via CryptoAPI. The minidriver is a lightweight software component that provides lower level interface to the card for the Base CSP. Only one 250kb DLL needs to be installed on the computer.

The minidriver is currently available on request. Please contact us at support@avenra.fi or sales.avenra.fi and we will provide a download link.