ACOS5 CryptoMate Nano Contact Card Evaluation Kit

The ACOS5 CryptoMate Nano Evaluation Kit from ACS includes a complete software package designed to to enable system administrators to test and deploy cryptographic PKI logon and other applications.

The ACOS5 CryptoMate Nano is an advanced cryptographic token specially designed for public-key based applications and for enhancing security and performance for RSA public-key cryptographic operations that are essential in PKI, digital signature and high level security requirements.

The kit comes complete with an administrator as well as a user package, enabling the evaluation and deployment of cryptographic applications for both roles.

The evaluation kit contains:

- 1 x administrator software package
- 1 x user software package
- 1 x ACOS5 CryptoMate Nano token

The CSP/ PKCS#11 middleware, developed by ACS, ensures that the ACOS5 CrytptoMate Nano token is compatible with both Windows and Linux environments. Once purchased in this kit, the middleware can be installed for any number of tokens and users.

The ACOS5 CryptoMate Nano supports Windows 10, 8.1, 7 (32 bit and 64 bit) and Windows Server 2016 and 2012 R2.

Evaluation kit for the ACOS5 CryptoMate Nano token complete with appropriate software for testing and deployment of secure cryptographic PKI logon and other applications.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~898/p/index.shtml

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

ACOS5 chip

Technical Specifications:

Operating voltage: 5V DC +/-10% (Class A) and 3V DC +/-10% (Class B)

Maximum supply current: Up to 20mA

ESD protection: Up to 5 kV

EEPROM capacity: 64 kbytes

EEPROM endurance: 500 000 erase/write cycles

Data retention: 30 years

Operating temperature: -25 to 85degC (-13 to 185degF)

Storage temperature: -65 to 150degC (-40 to 212degF)

The evaluation kit contains:

*   1 x administrator software package
*   1 x user software package
*   1 x ACOS5 CryptoMate Nano token

The software packages include:

Drivers: ACS Unified PC/SC drivers supporting Windows 10, 8.1, 7 (32bit and 64bit), Windows Server 2016 and 2012 R2

CSP (Cryptographic Service Provider) and KSP (Key Storage Provider) middleware: Enables your token to work with Microsoft browsers, email clients and custom build applications.

PKCS#11 middleware: Enables your token to work with other browsers, email clients and custom build applications.

ACS Certificate Management Utility: Allows you to manage your certificates and cryptographic data objects stored in your token.

Reference Manuals: Easy to use administrator package manual and user package manual

Manufacturer's part number: EVK-ACOS5