



Nexus Personal Security Client

MULTI-CARD MIDDLEWARE AND ONLINE SECURITY TOOLKIT

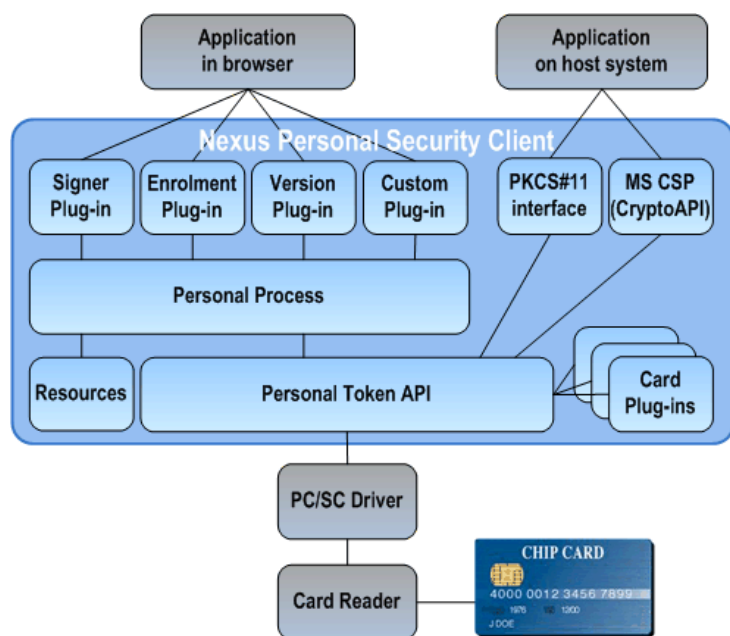
- All standard cryptographic APIs included
- Browser plug-ins for online authentication, signature and lifecycle management
- Extensive support for smart cards and smart tokens from various vendors
- Transparent support for PKCS#12 software tokens
- Easy-to-use utility for token and PIN management
- Quick installation with a few mouse clicks
- Supports all relevant platforms and browsers, as well as multiple languages
- Customised GUI, plug-ins and policy configuration for individual appearance
- Trusted by several banks, appreciated by millions of users

Public key cryptography provides the highest theoretical security for the protection of electronic communication, data and processes. With PKI keys and certificates, strong two-factor authentication, digital signatures and strong encryption become possible. Users store and carry their private keys on a personal portable device (a smart card or a smart USB token) or in a password protected file.

Nexus Personal Security Client is the cryptographic middleware – the interlinking piece of software – that makes the cryptographic functions (signing and decrypting) of smart media available to PC and online applications. **Personal** provides all common cryptographic APIs, enabling it to seamlessly integrate with common applications with embedded security functions: domain login, email signature and encryption, document signing, VPN access, file encryption, user registration via XEnroll, browser SSL and WebServices security etc.

Furthermore, **Personal** includes a number of browser plug-in modules, which make for easy use of the smart media functions in web applications. In this way, **Personal** allows users to conduct secure financial transactions, e-commerce and other security-dependent services directly from the desktop. PIN, PUK and certificate management is supported via a pre-installed and easy-to-use GUI and via online processes.

The extensive support for smart cards from various vendors, multiple languages, relevant operating systems and browsers makes **Personal** ideal for use not only in enterprises, but also in large customer communities. This light-weight software can be quickly downloaded and installed. It can be branded and customised to the corporate design and the needs of an enterprise or an online service provider. Several banks and millions of users appreciate the simplicity and reliability of the software.



Key features

- Small installation package and program code; quick and easy installation.
- Automated configuration of smart card readers and support for PIN-pad readers.
- Extensive support for smart media from various vendors, pluggable support for new types.
- PIN and PUK management and automatic detection of smart card removal, e.g. for “log-off” function.
- Support for several certificates, keys, PINs and PUKs with different policies on the same medium.
- Identical handling of smart cards and software tokens from user perspective.
- Extended PIN policy capabilities for software tokens.
- Pluggable language support.
- Support for online authentication and the creation of digital signatures in common browsers.
- Online certificate lifecycle management as a self-service, including registration and renewal.
- Support for online version management; obsolete software versions can be detected and updated.
- Customised installation package can include individual plug-ins, GUI design and policy configuration.

About Nexus

Nexus works world-wide with e-communication and security solutions. Our clients are organisations for which IT and the Internet are essential to the management of sensitive information and knowledge. We help our clients to not only protect their information, but also to enable more effective use of it.

Nexus is an international company headquartered in Sweden, with offices in several European countries and with partners all over the world.

APIs and standard compliance

- Includes a Microsoft Cryptographic Service Provider (CSP) for the Microsoft CryptoAPI.
- Implements the PKCS#11 standard.
- Supports PKCS#15, SS 61 43 30 and P18 FINEID standard smart card profiles.
- Card reader access using PC/SC v2 standard.
- Supports PKCS#12 software-based tokens.
- Supports PKCS#7 digital signature format.

Smart card support

- Aladdin e-token
- Gemalto SetAccess IS 4.4.1a, b (Setec SetCos 4.4.1 and b)
- Gemalto SetAccess Instant IS (Setec Instant EID)
- Gemalto SetAccess TPC IM Free Mode (SetCOSXpresso)
- Gemalto SetAccess Instant TPC IM
- Gemplus GPK8000 and GPK16000
- G&D StarCOS SPK 2.3
- G&D CSSI applet (Sm@rtCafé Expert)
- MULTOS Keycorp Ltd. PKI application
- Sagem Orga Micardo 2.1
- Schlumberger Cryptoflex e-gate
- Schlumberger Prisma EP v1.0 Calc 2.1
- Setec SetCOS v4.3.1
- Siemens CardOS 4.01, 4.01a, 4.2, 4.2b, 4.3, 4.3b, 4.2c, 4.4
- T-Systems TCOS 2.0 R3
- Support for other smart media on demand

Language support

- Standard: English, French, German, Swedish
- Nordic add-on: Danish, Finnish, Icelandic, Norwegian
- Support for other languages on demand

Operating system support

- Windows 2000
- Windows XP
- Windows XP Professional x64 Edition, run in 32-bit mode
- Windows Vista
- Windows Vista x64 Edition, run in 32-bit mode
- Windows 7
- Windows 7 x64, run in 32-bit mode
- Windows Terminal Services on Windows Server 2003
- Citrix MetaFrame XP
- Citrix MetaFrame 4.0
- Mac OS 10.4.11 on Power PC CPU
- Mac OS 10.4.11, 10.5.8 and 10.6.2 on Intel CPU
- Linux Ubuntu 8.04 and 9.10 desktop
- Support for other Linux variants on demand

Browser support

- Internet Explorer 6.0 SP 1, 7 and 8
- Mozilla Firefox 2.0, 3.0, 3.5, 3.6
- Safari 4.0.3 on Mac OS



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