



Nexus Personal Security Client

Combining extensive support for smart cards and digital signatures, Nexus Personal Security Client allows end-users to conduct secure financial transactions, e-commerce and other security critical services directly from the desktop. Nexus Personal Security Client seamlessly integrates this functionality with third-party applications, eliminating the need to install customized software solutions.



BankID is the leading digital identity in Sweden with a market share of 75% and approximately 1.5 million active customers. Nexus Personal Security Client is the middleware being distributed to all end users.

*"Trusted by several banks,
appreciated by millions
of users."*

PETER GILLE
CEO, NEXUS

PUBLIC KEY CRYPTOGRAPHY provides highest theoretical security for the protection of e-communication, data and processes. Based on PKI keys and certificates, strong two-factor authentication, digital signature and strong encryption become possible. Users' private keys are stored and carried by the users 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 linking piece of software that makes the cryptographic functions (signature, decryption) of the smart media available for PC and online applications. Personal provides all common cryptographic APIs, seamlessly and integrated with the common security applications: domain login, email signature and encryption, document signing, browser SSL, VPN access, file encryption, XEnroll, and WebServices security.

Personal is comprised of a number of browser

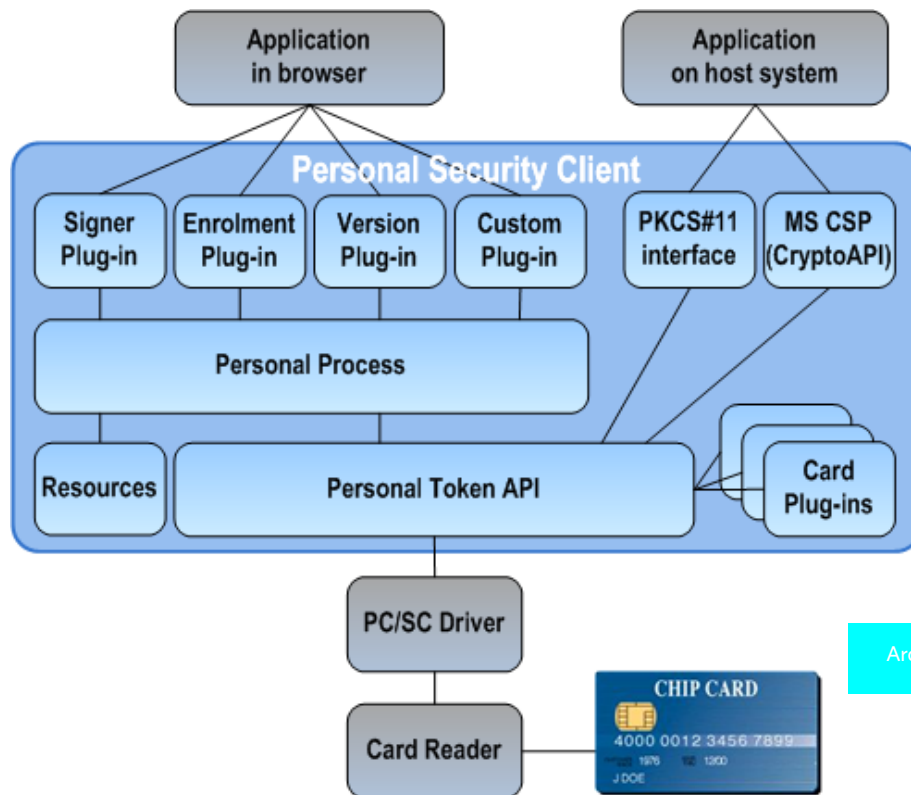
plug-in modules that make use of the smart media functions in web applications. This way, Nexus Personal allows end-users to conduct secure financial transactions, e-commerce and other security critical services directly from the desktop. The management of PINs, PUKs and certificates is supported over a pre-installed easy-to-use GUI and over online processes.

The extensive support for smart cards of various vendors and all relevant operating systems, as well as multiple languages, makes Personal ideal for enterprises, as well as in large customer communities. It is light-weight software that can be downloaded and installed quickly. Personal can be branded and customized to the corporate design and needs of an enterprise or of the online service provider. Several banks and millions of users appreciate the simplicity and reliability of the software.





PRODUCT SHEET



Architecture overview

Key features

- Small installation package and executive code, quick and easy installation.
- Automated configuration of smart card readers and support for PIN-pad readers.
- Extensive support for smart media of 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 and keys with different policies, PIN and PUK on the same media.
- Smart card and software token handling is identical from a user and application viewpoint
- Extended PIN-policy capabilities for soft tokens.
- Pluggable language support.

- Support for online authentication and the creation of digital signatures in common browsers.
- Online self-service lifecycle management of certificates.
- Support for online version management, obsolete version of the software can be detected and updated.
- Customized installation package can include individual plug-ins, GUI design and policy configuration.
- ELSTER - compliant (ELSTER: German electronic tax declaration).

Language support

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

