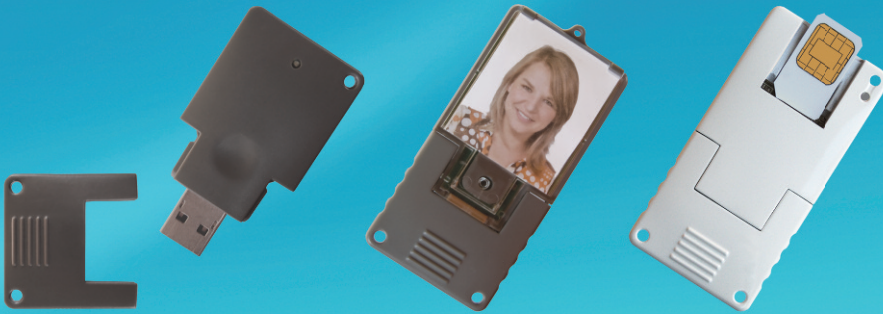


Weneo ID Corporate Bundle

Strong authentication and RFID services with Weneo USB tokens



Convergence solution for Identity and Access Management

Neowave Weneo Smart Objects are portable and personal objects with all the smart card security and functions included. In addition, they feature the direct PC & Web connectivity thanks to their USB interface and offer a standard RFID contactless interface. With its new middleware, Neowave brings Weneo products to the Corporate world.



Weneo contactless smart objects protect company assets with a single USB/RFID token : physical & logical access control and personal productivity tools.

Thanks to a powerful open platform, Weneo ID solution is compliant with legacy PC networks and infrastructures as well as with the major physical access systems.

Company employees can thus benefit from Weneo ID productivity tools (mass storage) and RFID services such as public transport, e-purse, softphone...

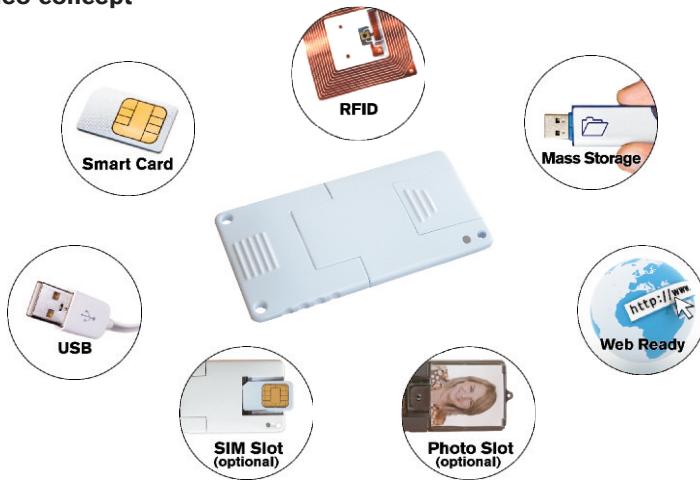
When USB tokens are to be deployed in an organisation, stable software that is based on industry standards and protocols is required. Our solution provides both PKCS#11 and Microsoft CryptoAPI (CSP) implementations, fully compliant with leading industry standards and protocols, while being so flexible that it can be used with multiple Operating Systems through USB or the RFID contactless interface. Now the same object can manage logical (workstation logon, web authentication...) and physical access (doors, turnstiles...)

Weneo ID Corporate Bundle

Based on  **SAFE SIGN** IC middleware solution

NEOWAVE

Weneo concept



Corporate Services Middleware benefits

Strong authentication & logon

Enables two-factor authentication/logon to the network, client PC or application, using the Weneo USB/RFID token.

Session authentication & roaming

Middleware supports session roaming when working in Microsoft® Terminal Server, Citrix® or Sun environments

Single Sign On & application support

Enables use of Weneo USB/RFID tokens by any application supporting digital certificates, such as Microsoft®, Adobe®, Check Point®, Citrix® and many more.

Secure transactions & information

Supports the use of Weneo USB/RFID tokens for other functionality like encryption and digital signing.

For example, Outlook can be configured to use the certificate on the end user's token to digitally sign email messages, or en- and decrypt emails including attachments.

Management utility

Full-function management utility allows PIN/PUK changes, PIN unblock, token initialization, import and deletion of certificates.

Standards based

Neowave middleware supports both MS CryptoAPI and PKCS#11 based applications. Additional standards supported include CCID, PC/SC, Java Card™, PKCS#12 and PKCS#15.

Management of certificates and keys

Our solution enables the import of digital certificates and the secure storage of externally generated keys. It also permits applications to initiate key generation directly on the smart card inside the USB/RFID token. Thus the key will never leave the token and is not vulnerable to identity theft.

Broad user base

The middleware is proven to be reliable by over 10 million users worldwide, from consumer to enterprise markets, in all industries where information matters.

All-in-one solution

Both the certificate storage area and MIFARE area can be managed through USB, providing a unique centralized ID management. Logical access (usually USB based) and physical access (usually RFID based) are no longer isolated even if managed by different administrators with different rights.

Product features

USB interface

- USB 2.0 (USB 1.1 compatible)

Flash memory

- Windows, Mac OS and Linux compatible
- 512 MB or 1 GB
- Efficient wear levelling algorithm

Reader

- PC/SC (standard driver)
- CCID (standard driver)
- Updatable firmware

Supported contactless protocols

- ISO/IEC 14443 Type A
- MIFARE® / MIFARE Diester compatible
- ISO/IEC 14443 Type B (SIM Slot)

Built-in smart card

- JCOP Java Card™ (with 72K EEPROM)
- RSA 2048-bit key support
- EAL4+ Common Criteria certified

Optional SIM slot

- Standard SIM format (ID-000 card)

Personalization services

- Electrical
- Autorun feature (menu, application, URL...)
- Mass storage content
- Graphical (color, logo, text...)

Other features

- Dimensions (Standard) : 34 mm x 67 mm x 8 mm
- Dimensions with Photo Slot : 35 mm x 72 mm x 9 mm
- Dimensions with SIM Slot : 35 mm x 72 mm x 9 mm
- Power consumption: 100 mA max.
- Weight: 20 g

Supported applications

All CSP or PKCS#11/12 compliant applications like:

- Workstation / network access
- Secure remote access / VPN
- Browsers / Web authentication
- PKI / CA
- File & email encryption software
- File & email signing software
- Single Sign On
- Wireless network access (Wifi)
- Application access / groupware

Environment

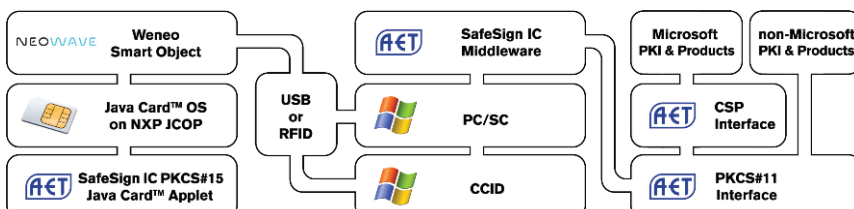
Operating Systems

- Microsoft Windows 2000, XP, Vista
- Linux, Apple Mac OS X, Citrix, TSE

Browsers

- Microsoft Internet Explorer 6, 7, 8
- Mozilla Firefox 3

Solution architecture on Windows environment



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