THALES
Building a future we can all trust

SafeNet IDPrime 930 and 930nc
Plug & Play Smart Cards

As cybercriminals get smarter and more determined than ever, more and more businesses and government agencies are coming to the realization that single-factor authentication solutions using simple usernames and passwords are not enough. Thales, the world leader in digital security, offers an extensive portfolio of identity and access management including a wide range of multi-factor authentication methods.

SafeNet IDPrime smart cards are designed for PKI-based applications, and come with a SafeNet minidriver that offers perfect integration with native support for Microsoft® environments (up to Windows 11), without any additional middleware.

SafeNet IDPrime smart cards are available for sale to the U.S. Federal Government through Thales Trusted Cyber Technologies.

Compatible with any environment

In addition to its seamless integration into Windows ecosystems, the SafeNet IDPrime 930 and 930nc are contact interface smart cards and are compatible with any environment through support by the SafeNet Authentication Client.

Benefits

SafeNet IDPrime 930 and 930nc

- Perfect integration in Windows environment— Certified and distributed by Microsoft, the SafeNet minidriver ensures immediate integration with all Microsoft environments, plus Plug & Play service up to Windows 11
- Secure Flash mask chip—400 KB.
- Compatible with any environment—Both cards are fully supported by the SafeNet Authentication Client
- Multi-application smart cards—SafeNet IDPrime smart cards can have optional onboard applets, for instance the MPCOS e-purse applet
- Enhanced cryptographic support—Both cards offer PKI services with both RSA up to 4096 and elliptic curves up to 521 bits

SafeNet IDPrime 930

- Compliant with FIPS regulations—This card is FIPS 140-2 Level 2 certified for the combination of the Java platform and the PKI applet

Strong security

SafeNet IDPrime 930 and 930nc smart cards are secured with both RSA up to 4096 and Elliptic curves algorithms, and address a range of use cases that require PKI security, including secure access, email encryption, secure data storage, digital signatures and secure online transactions for end users.

SafeNet IDPrime 930 is FIPS 140-2 Level 2 certified for the combination of the Java platform and the PKI applet.

Optional onboard applets

SafeNet IDPrime cards are multi-application smart cards, meaning they can have optional onboard applets for various functions. An MPCOS applet can be added to provide both e-purse and data management services.

Technical Specifications

Memory	• SafeNet IDPrime 930 and 930nc are based on a 400KB Flash memory chip. The memory available for certificates and other applets & data in this standard configuration is 78 KB.
Standards	• BaseCSP minidriver (SafeNet minidriver) • Global Platform 2.2.1 • Java Card 3.0.5 • ISO 7816
Operating systems	• Windows, MAC, Linux
Cryptographic algorithms	• Hash: SHA-1, SHA-256, SHA-384, SHA-512. • RSA: up to RSA 4096 bits • RSA OAEP & RSA PSS • P-256 bits ECDSA, ECDH. P-384 & P-521 bits ECDSA, ECDH • On-card asymmetric key pair generation (RSA up to 4096 bits & Elliptic curves up to 521 bits) • Symmetric: AES—For secure messaging and 3DES for Microsoft Challenge/Response only
Communication protocols	• T=0, T=1, PPS, with baud rate up to 446 Kbps at 3.57 MHerz (TA1=97h)
Other features	• Onboard PIN Policy • Multi-PIN support • SafeNet IDPrime family of cards can be customized (card body and programming) to fit customers' needs.
MPCOS	• E-purse & secure data management application
Technology	• Embedded crypto engine for symmetric and asymmetric cryptography
Lifetime	• Minimum 500,000 write/erase cycles • Data retention for minimum 25 years
Certification	• CC EAL6+
Security	• SafeNet IDPrime 930 and 930nc include multiple hardware and software countermeasures against various attacks: side channel attacks, invasive attacks, advanced fault attacks and other types of attacks. • SafeNet IDPrime 930 is FIPS 140-2 Level 2 certified for the combination of the Java platform and the PKI applet.

About Thales Trusted Cyber Technologies

Thales Trusted Cyber Technologies, a business area of Thales Defense & Security, Inc., protects the most vital data from the core to the cloud to the field. We serve as a trusted, U.S. based source for cyber security solutions for the U.S. Federal Government. Our solutions enable agencies to deploy a holistic data protection ecosystem where data and cryptographic keys are secured and managed, and access and distribution are controlled. For more information, visit thalestct.com

3465 Box Hill Corporate Center Drive, Suite D, Abingdon, MD 21009 • 443-484-7070 • info@thalestct.com

thalestct.com