THALES
Building a future we can all trust

PKI Portfolio Brochure

Contents

Certificate-based Smart Cards

As convenient as another credit card in your wallet, Thales's SafeNet credit card-size form factors enable enhanced security with PKI Certificate-Based-Authentication (CBA) and enable preboot authentication, disk encryption, file encryption, digital signatures, and secure certificate and key storage.

All Thales smart card authenticators can easily double as physical access cards to secure buildings and sites, in addition to offering rich branding options and support for photo-badging. Depending on the configuration, Thales's certificate-based authenticators are FIPS or CC certified. The dual interface versions of SafeNet IDPrime Smart Cards comply with the ISO 14443 standard which is also compatible with some NFC readers present in smartphones and tablets. SafeNet IDPrime Smart Cards are supported by SafeNet Authentication Client Middleware or SafeNet Minidriver.

	SafeNet IDPrime 3940 SafeNet IDPrime 3940 is a dual-interface smart card, allowing communication either via a contact interface or via a contactless ISO14443 interface; also compatible with some NFC readers. The smart card is CC EAL5+ / PP Java Card certified for the Java platform and CC EAL5+ / PP QSCD certified for the combination of Java platform and PKI applet. It is also compliant with eIDAS regulations and has obtained the French "Qualification Renforcée" from ANSSI.
	SafeNet IDPrime 940 SafeNet IDPrime 940 is a Plug and Play contact interface smart card and is compliant with eIDAS regulations. IDPrime 940 is CC EAL5+ / PP Java Card certified for the Java platform and CC EAL5+ / PP QSCD certified for the combination of Java platform and PKI applet. It is also compliant with eIDAS regulations and qualified by the French ANSSI.
	SafeNet IDPrime 3930 SafeNet IDPrime 3930 is a dual-interface smart card, allowing communication either via a contact interface or via a contactless ISO14443 interface, also compatible with some NFC readers. This smart card is FIPS 140-2 Level 2 certified for the combination of Java platform and PKI applet.
	SafeNet IDPrime 930 Series SafeNet IDPrime 930 series include a Plug and Play contact interface smart cards. Depending on configuration the card is compliant with FIPS regulations and FIPS 140-2 Level 2 certified for the combination of the Java platform and PKI applet.
	SafeNet IDPrime PIV SafeNet IDPrime PIV (Personal Identity Verification) card is a FIPS 201 standards-based card for U.S. government agencies, state and local government organizations to issue user credentials that the Federal Government can trust. The same card can be used for either a CIV or PIV-I based deployment depending on company policies and requirements. Available from PIV 3.0, this Smart Card provides premium privacy protection (compliant with the OPACITY protocol). Customers can benefit from enhanced performance and built-in biometric capabilities (Match-on-Card), preparing them for enhanced user authentication.

Certificate-based Virtual Smart Card

Enable your cloud transformation securely by building on your current PKI authentication framework for cloud access. Increase mobility by allowing users to access enterprise apps with PKI credentials, from any device via VDI.

	SafeNet IDPrime Virtual
SafeNet IDPrime Virtual	The SafeNet IDPrime Virtual is a virtual smart card that offers the same functionality of hardware but reduce operational overheads associated with managing hardware and can be used instead of physical smart cards.

Certificate-Based USB Tokens

Thales's portfolio of certificate-based USB tokens offers strong multi-factor authentication in a traditional USB form factor, enabling organizations to address their PKI security needs. SafeNet PKI USB tokens offer a single solution for strong authentication and applications access control, including remote access, network access, password management, network logon, as well as advanced applications including digital signature, data and email encryption.

Depending on their configuration, the certificate-based USB tokens can be FIPS and CC certified.

	SafeNet eToken 5110 Series
	SafeNet eToken 5110 provides PKI based two-factor authentication for secure remote and network access, as well as support for advanced security applications, including digital signature and pre-boot authentication.
	SafeNet eToken 5300 Series
	SafeNet eToken 5300 is a compact, tamper-evident USB, which creates a third factor of authentication. This next generation eToken features presence detection functionality, is FIPS 140-2 certified and is available in Micro and Mini form factors. It holds CC EAL 6+ certification at the chip boundary. Depending on configuration, this token supports USB-C connection.

FIDO Devices

FIDO authenticators enable multi-factor authentication to cloud and web services as well as Windows 10 devices. Thales offers a range of FIDO devices, including a combined PKI-FIDO smart card and a FIDO USB token.

	SafeNet IDPrime 3940 FIDO (Smart Card)
IDPrime Fido fido ALLIANCE NFC))) THALES	The SafeNet IDPrime 3940 FIDO Smart Card is designed for PKI-based applications and comes with a SafeNet minidriver that offers perfect integration with native support for Microsoft® environments, without any additional middleware. This dual-interface smart card, allowing communication either via a contact interface or via a contactless ISO14443 interface, is also compatible with some NFC readers.
	SafeNet eToken FIDO (USB token)
	The SafeNet eToken FIDO is a USB token, an ideal solution for enterprises looking to deploy passwordless authentication for employees. This authenticator is a compact, tamper-evident USB with presence detection, which creates a third factor of authentication: Something you have (physical token), something you know (PIN), something you do (touching the token).

Card Readers
Interface devices, or readers, are an essential component of any smart card deployment and ensure communication between smart cards and network services, but they must do so in a convenient yet secure manner. Thales's full range of smart card readers provide the perfect balance of ease of use, backed by the highest level of security.

Management

The need to securely and timely manage users and authenticators is important with any PKI-based deployment. Thales offers the most comprehensive access and authentication management systems management systems to administer, monitor, and manage strong authentication deployments and digital signing across the organization.

Middleware

Thales middleware enables strong authentication operations and the implementation of certificate-based applications such as digital signing, network logon and password management. Because not every organization has the same needs, we have a full middleware client solution, as well as a light-weight minidriver option that is fully integrated on Windows.

Advanced Management Functionality

- SafeNet Authentication Client:
  Full management solution, providing full local admin and support for advanced card and token management, events and deployment

Light Management Functionality

- SafeNet Minidriver

About SafeNet Identity and Access Management Solutions

Thales's industry-leading Access Management and Authentication solutions let enterprises centrally manage and secure access to enterprise IT, web and cloud-based applications. Utilizing policybased SSO and universal authentication methods, enterprises can effectively prevent breaches, migrate to the cloud securely and simplify regulatory compliance.

To learn more, visit: cpl.thalesgroup.com/access-management

About Thales

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organizations are faced with an increasing number of decisive moments. Whether the moment is building an encryption strategy, moving to the cloud, or meeting compliance mandates, you can rely on Thales to secure your digital transformation.
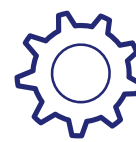
Decisive technology for decisive moments.

Discover

Discover who your users are, and the specific needs of their authentication journeys.

Protect

Protect more users by implementing access policies and authentication across your IT environment.

Control

Monitor and control risk with real-time continuous policy enforcement.

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