

Brochure



Thales OneWelcome PKI/CBA and FIDO Authenticators

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THALES
Building a future we can all trust

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Certificate-based Smart Cards

As convenient as any other card in your wallet, Thales's OneWelcome credit card-size form factors enable enhanced security with PKI Certificate-Based-Authentication (CBA). Smart cards enable other rich security features like 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.

	<h3>SafeNet IDPrime 3940</h3> <p>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.</p>
	<h3>SafeNet IDPrime 940</h3> <p>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.</p>
	<h3>SafeNet IDPrime 3930</h3> <p>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.</p>
	<h3>SafeNet IDPrime 930/931 Series</h3> <p>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.</p> <p>SafeNet IDPrime 931 includes optional contactless card body for physical access control (MIFARE, DESFire, HID and others)</p>
	<h3>SafeNet IDPrime PIV</h3> <p>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.</p>

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 Virtual Desktop Infrastructure (VDI).

	<h3>SafeNet IDPrime Virtual</h3> <p>The SafeNet IDPrime Virtual is a virtual smart card that offers the same functionality as hardware but reduces operational overheads associated with managing hardware and can be used instead of physical smart cards.</p>
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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.

	<h3>SafeNet eToken 5110 Series</h3> <p>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.</p>
	<h3>SafeNet eToken 5300 Series</h3> <p>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.</p>

FIDO Keys

FIDO authenticators enable multi-factor authentication to cloud and web services as well as Windows 11 devices. Thales offers a range of FIDO security keys, including combined PKI-FIDO smart cards and FIDO USB tokens.

	<h3>SafeNet IDPrime 3930 FIDO and SafeNet IDPrime 3940 FIDO (smart cards)</h3> <p>Both cards are designed for PKI-based applications and FIDO as an ideal solution for enterprises looking to deploy passwordless authentication for employees. The smart card comes with a SafeNet Minidriver that offers perfect integration with native support for Microsoft® environments, without any additional middleware. These dual-interface smart cards, allow communication either via a contact interface or via a contactless ISO14443 interface, are also compatible with NFC readers.</p> <p>SafeNet IDPrime 3930 FIDO is FIPS 140-2 Level 2 certified for the combined Java platform and PKI applet.</p> <p>SafeNet IDPrime 3940 FIDO 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. This smart card is also compliant with eIDAS regulations and has obtained the French "Qualification Renforcée" from ANSSI.</p>
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	<p>SafeNet eToken FIDO (USB token)</p> <p>The SafeNet eToken FIDO is a USB token, and 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).</p>
	<p>SafeNet IDCore 3121 FIDO (Smart Card)</p> <p>The SafeNet IDCore 3121 FIDO is a physical and logical smart card with FIDO. This smart card is an ideal solution for enterprises looking to deploy passwordless authentication for employees with physical access functionality (Mifare 4kb, Desfire 4kb/8kb, Mifare 4kb Desfire 4kb/8kb).</p> <p>This contactless smart card allows communication via a contactless ISO14443 interface and is also compatible with NFC readers.</p>
	<p>SafeNet IDPrime 941 FIDO and SafeNet IDPrime 931 FIDO (Smart Cards)</p> <p>Both cards combine physical access, PKI and FIDO use cases in one device and enable FIDO authentication on mobile devices thanks to NFC.</p> <p>SafeNet IDPrime 941 FIDO is qualified for both eSignature and eSeal applications and is Common Criteria certified.</p> <p>SafeNet IDPrime 931 FIDO is qualified for both eSignature and eSeal applications and is FIPS 140-2 Level 2 for the combined Java platform and PKI applet.</p>
	<p>SafeNet eToken Fusion Series</p> <p>The SafeNet eToken Fusion Series enables organizations to utilize passwordless phishing-resistant authentication methods improving security for enterprise resources accessed from any device.</p> <p>SafeNet eToken Fusion is available in two form factors: USB-A and USB-C. SafeNet eToken Fusion with USB-C enables users to authenticate to any cloud resource by plugging this token to their mobile devices (phone/tablets).</p> <p>SafeNet eToken Fusion Series allows presence detection and supports all PKI and FIDO use cases, in contact mode. The SafeNet eToken Fusion Series includes an option with CC certification.</p>
	<p>SafeNet IDPrime FIDO Bio (Biometric Smart Card)</p> <p>Provide your end users a new passwordless authentication experience thanks to SafeNet IDPrime FIDO Bio Smart Card.</p> <p>End users authenticate faster & easier by tapping the card on their device and putting their fingerprint on the sensor. To protect users' data privacy, with fingerprint on-device authentication, users' data never leave the device. Discover a new authentication experience with this biometric and NFC card.</p>

Card Readers

	<p>Card Readers</p> <p>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.</p>
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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. Since every organization does not have 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 OneWelcome Identity and Access Management Solutions

Thales's digital identity products and solutions empower billions of people and things with digital identities worldwide. The Thales OneWelcome Identity & Access Management portfolio enables organizations to build frictionless, trusted and secure digital journeys for customers, business partners and employees. The OneWelcome Identity Platform provides a variety of capabilities from identity verification, single sign-on, passwordless and multi-factor authentication to fraud management, adaptive access, dynamic authorization and consent & preference management for the highest levels of assurance. More than 30,000 organizations trust us with their IAM and data security needs, enabling them to deliver secure digital services to their users.

About Thales

Today's businesses and governments depend on the cloud, data and software to deliver trusted digital services. That is why the most recognized brands and organizations around the world, rely on Thales to help them protect sensitive information and software wherever it is created, stored or accessed – from the cloud and data centers to devices and across networks. As the global leader in data security and software licensing, our solutions enable organizations to move to the cloud securely, achieve compliance with confidence, create more value from their software and deliver seamless digital experiences for millions of consumers every day.

THALES

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Contact us

For all office locations and contact information,
please visit cpl.thalesgroup.com/contact-us

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