



SafeNet Authenticators

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Diverse Form Factors for Convenient Strong Authentication

Offering the broadest range of multi-factor authentication methods and form factors, Thales facilitates and empowers enterprise-wide security initiatives for maintaining and improving secure access to enterprise resources.

Thales's SafeNet authenticators include hardware and software OTP tokens, X.509 certificate-based USB tokens and smart cards, OOB, hybrid tokens, and phone tokens for all mobile platforms. Many Thales SafeNet hardware tokens support physical access control to secure buildings and sites.

Allowing you to address numerous use cases, assurance levels and threat vectors, Thales's authenticators are supported by authentication platforms which offer uniform, centralized policy management—delivered in the cloud or on premises. Supporting software solutions include SafeNet Trusted Access (STA), an access management and authentication service, and SafeNet Authentication Client Middleware, for certificate-based authentication.

Thales partners with 3rd-party CMS vendors to offer the most comprehensive identity access and authentication management solutions.

To tailor strong authentication to your business and IT needs, choose from the authenticators shown below:





The image displays a grid of icons categorized into three sections: Supported Authentication Methods, Access Management, and Middleware. Each icon is accompanied by a text label.

- Supported Authentication Methods:**
 - PKI (Key icon)
 - Hardware (Token icon)
 - 3rd Party (Group of people icon)
 - OTP Push (Hand pointing icon)
 - Voice (Waveform icon)
 - Kerberos (Lock icon)
 - Pattern Based (Grid icon)
 - Passwordless (Crossed-out password field icon)
 - Biometric (Fingerprint icon)
 - Password (Password field icon)
 - Google Authenticator (Google G icon)
 - SMS (SMS bubble icon)
 - eMail (Envelope icon)
- Access Management:**
 - SafeNet Trusted Access (Hand pointing to a lock icon)
- Middleware:**
 - SafeNet Authentication Client (Document with key icon)
 - SafeNet Minidriver (Wrench and screwdriver icon)

Hardware OTP Tokens

Thales's SafeNet OTP hardware tokens provide a strong and scalable foundation for securing access to enterprise, web-based and cloud applications, and complying with privacy and security regulations.


Thales's SafeNet hardware tokens offer rich case-branding options, and are field-programmable by the customer, enabling organizations to maintain stringent control over their own critical OTP security data.



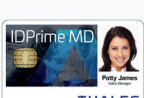

	<p>SafeNet OTP Display Card</p> <p>SafeNet OTP Display Card is an OATH-compliant 2FA token designed in a convenient credit card form factor.</p>
	<p>SafeNet OTP 110</p> <p>SafeNet OTP 110 is a cost effective OATH-compliant OTP hardware token that features waterproof casing, and enables two-factor authentication in time-sync and event-based modes.</p>
	<p>SafeNet eToken PASS</p> <p>SafeNet eToken PASS is an OATH compliant OTP hardware token that offers secure two factor authentication, in time-sync and event-based modes.</p>
	<p>SafeNet GOLD</p> <p>Offering an additional layer of security beyond basic OTP, the SafeNet GOLD is activated with a personal identification number (PIN), which prompts the authenticator to provide an OTP. In challenge response mode, users activate GOLD with their PIN, and then must validate a numeric challenge on their GOLD authenticator.</p>

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.



	<p>SafeNet IDPrime 3940</p> <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 qualified by the French ANSSI.</p>
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	<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>IDPrime MD 3810</h3> <p>IDPrime MD 3810 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.</p>
	<h3>IDPrime MD 830</h3> <p>IDPrime MD 830 is a Plug and Play contact interface smart card and is available in two versions with different security certifications. One is FIPS 140-2 Level 3, and the other is FIPS 140-2 Level 2 certified, for both the Java platform and the combination of Java platform plus PKI applet.</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 USB Tokens


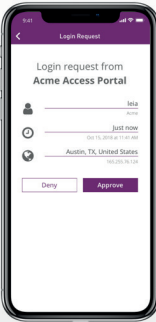
Thales's portfolio of certificate-based USB tokens offers strong multi-factor authentication in a traditional USB form factor, enabling organizations to address their PKI security needs. SafeNet PKI USB tokens offer a single solution for strong authentication and applications access control, including 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</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</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.</p>

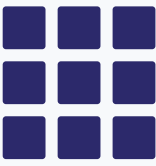

Smartphone and Software Tokens

Offering the convenience of phone-as-a-token authentication, Thales offers PUSH OTP software authentication for tablets and mobile phones.

	<h3>SMS Out-of-Band Authentication</h3> <p>Delivered by SMS text messages, out-of-band authentication reduces the administrative overhead of a strong authentication solution by removing the need to install software or distribute hardware. Delivery is also available via email.</p>
	<h3>SafeNet MobilePASS+ Out of Band Push Authentication</h3> <p>Offering frictionless strong authentication to hundreds of applications, including SaaS and VPNs, push authentication on mobile devices lets users authenticate with a single tap of a finger print or face ID on their mobile device.</p> <p>SafeNet MobilePASS+ is a next generation software token that lets users generate OTPs on their mobile devices, while also offering convenient out-of-band, single-tap push authentication.</p> <p>SafeNet MobilePASS+ offers enhanced user experience, with optional QR code enrollment and optional biometric PIN: Face ID & Touch ID on iOS, fingerprint on Android and Windows Hello on Windows devices.</p>

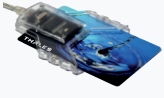
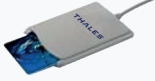

Tokenless Authentication Solutions

Thales’s tokenless technology enables any user to be authenticated anytime and anywhere. Thales’s context-based authentication offers convenient, frictionless strong authentication while maintaining the flexibility and agility to add protection with stronger methods of security in higher risk situations. Combined with “step-up” authentication, context-based authentication optimizes a layered approach to access security by assessing user login attributes and matching them against pre-defined security policies.

	<h3>Pattern-based Authentication</h3> <p>Pattern-based, also called GrIDSure Authentication is a convenient pattern-based authentication solution that overcomes the weakness of passwords without the need for software to be installed or hardware to be provisioned.</p> <p>Pattern-based Authentication works by presenting the user with a matrix of cells during enrollment containing random characters, from which the user selects a Personal Identification Pattern (PIP). Every time the challenge grid appears, the characters in the cells are different, so the user is always entering a one-time passcode.</p>
	<h3>Context-Based Authentication</h3> <p>Context-based or contextual authentication is central to creating compliance based access policies and preventing security fatigue. Taking into account variables, such as your network, location and operating system, contextual data provides additional information on a login attempt, and fires the appropriate access policy.</p> <p>By assessing a user’s contextual login attributes, single sign on and access management solutions can continuously match the level of authentication required from the user with the access policy defined for each application.</p>

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.

	<p>IDBridge CT30</p> <p>IDBridge CT30 is a USB contact reader, with a compact and transparent casing, and an optional stand accessory.</p>
	<p>IDBridge CT40</p> <p>IDBridge CT40 is a USB contact reader, with a compact and slim-line casing</p>
	<p>IDBridge CT700</p> <p>The IDBridge CT700 is a desktop pinpad for secure pin entry</p>

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: <https://safenet.gemalto.com/access-management/>

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