THALES

Building a future we can all trust
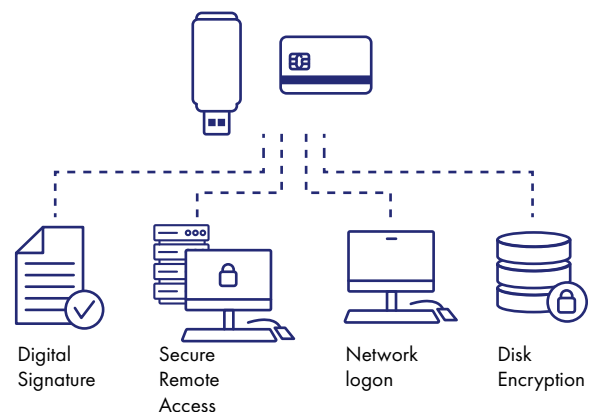
SafeNet Authentication Client

The power to easily manage Thales's PKI-based authentication

SafeNet Authentication Client is a unified middleware client that manages Thales's extensive SafeNet portfolio of Identity and Access Management Solutions, including certificate-based authenticators such as eToken, IDPrime smart cards, USB and software-based devices. Offering full backward compatibility and incorporating features from previous middleware versions, SafeNet Authentication Client ensures complete support for all currently deployed eToken devices, as well as IDPrime smart cards.

SafeNet Authentication Client links applications to Thales's PKI authenticators, providing full local administration and support for multiple advanced security applications such as digital signing, pre-boot authentication and disk encryption. With SafeNet Authentication Client, private keys can be generated and stored on-board highly secure smart card-based authenticators, allowing users to securely carry all their digital credentials wherever they go.

Leverage your PKI solution for multiple use cases

- Transparently operates with any standard certificate-based security application
- Consolidated & simplified management tools allow users to manage their own cards/tokens and certificates
- Supports secure access, data encryption and digital signing—all with a single authenticator
- Streamlines security operations by allowing organizations to deploy multiple security applications on a single platform
- Allows organizations to use certificate-enabled security capabilities from any client or server thanks to multi-platform support

Digital Signature   Secure Remote Access   Network logon   Disk Encryption

Features

- Strong two-factor authentication for network logon. Smart card logon on Windows machines
- Files and Disk Encryption
- Support for Common Criteria and FIPS certified devices
- Full support for SafeNet eTokens , IDPrime smart cards(with FIDO or not) , IDPrime virtual Smart cards, including Multi-slots support and PIN Quality modifications
- Support for PIN Pad Readers
- Support for See What You Sign (SWYS) PIN Pad readers
- Enables local administration and usage of devices
- Support for full client customization, including security configuration, policies and user interface
- Seamless integration with any certificate-enabled application based on industry standard APIs
- Support for Virtual Keyboard enables you to enter passwords without using a physical keyboard, providing protection against kernel level keyloggers
- Key logger and PIN protection
- Common look and feel across all platforms

A unified solution for all users

SafeNet Authentication Client is available for Windows, Mac, and Linux, so your organization can take full advantage of SafeNet's solutions ranging from identity and access management, certificate-based security, strong authentication, encryption and digital signing, from virtually any device.
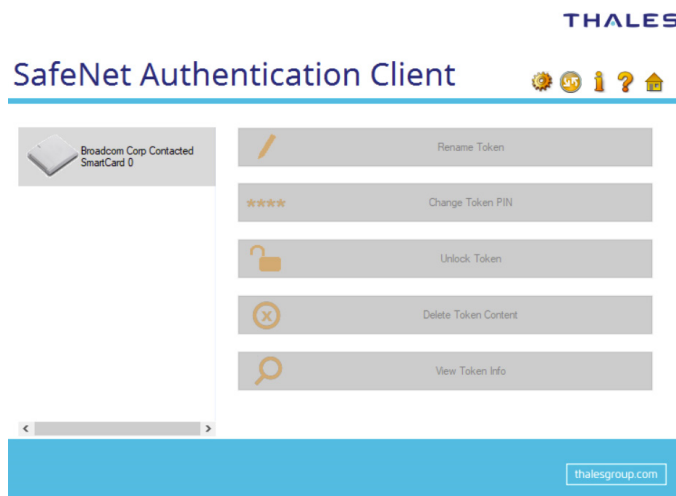
Technical specifications

Supported operating systems

Windows Servers:

- Windows Server 2012 and 2012 R2 (64-bit)
- Windows Server 2016 (64-bit)
- Windows Server 2019 (64-bit)
- Windows Server 2022 (64-bit)

Windows OS:

- Windows 8.1 (32-bit, 64-bit)
- Windows 10 (32-bit, 64-bit)
- Windows 11 (64-bit)

MacOS:

- macOS 11.6.2 (Big Sur)
- macOS 12.X (Monterey)
- macOS 13 (Ventura)

Linux Distributions:

- Ubuntu 20.04 & 22.04(GNOME& KDE)
- CentOS 8.3 & 9 Stream
- RedHat 8.X & 9
- Fedora 34 & 36(GNOME & KDE)
- Debian

Supported APIs

- PKCS#11 V2.20, PKCS#15, MS CryptoAPI and CNG (CSP, KSP), Mac CTK, PC/SC

Supported cryptographic algorithms

- 3DES, SHA-256, RSA up to 4096-bit, AES up to 256-bit, Elliptic Curve Cryptography (ECC)

Supported CMSs

- Atos, Axiad, Entrust, Intercede, Versasec, XTEC

Supported CPU's

- ARM CPU support for Mac (Apple M1)
- Intel CPU (32 and 64 bit) for Windows and Linux/Mac (64 bit only)

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.

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