

SafeNet Minidriver

A Minidriver solution for PKI-based authentication



SafeNet Minidriver provides a simple way to use our minidriver enabled smart cards and tokens in a Windows environment. This solution is perfect for organizations with smaller deployments that need minimal administrative support and want a light solution to manage SafeNet minidriver-enabled smart cards and eTokens.

Offering light management functionality, SafeNet Minidriver provides a simple alternative to developing a legacy cryptographic service provider (CSP) by encapsulating the complex cryptographic operations from the card Minidriver vendor. SafeNet Minidriver presents a consistent interface between Thales PKI authenticators and Microsoft's Smart Card Base Cryptographic Service Provider (CSP) or Crypto Next Generation (CNG) Key Storage Provider (KSP) and to the Smart Card Management Interface.

Part of the SafeNet middleware portfolio, SafeNet Minidriver allows for management of Thales's extensive portfolio of certificate-based authenticators, including eToken, IDPrime smart cards, USB and software-based devices.

Benefits

- Transparently operates with any standard Microsoft's Smart Card Based security application
- 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

Features

- Ensures a perfect integration in the Windows Base CSP/ CAPI architecture and benefiting from the Plug & Play service available since Windows 7. Fully compliant with the Microsoft Minidriver v7 specifications, with some additional advanced features such as PIN Policy
- Strong two-factor authentication for network and data protection
- Support for Common Criteria and FIPS certified devices

Technical specifications

Supported operating systems

- Windows Server 2008 R2 SP1 (32-bit, 64-bit)
- Windows Server 2008 SP2 (32-bit, 64-bit)
- Windows Server 2012 and 2012 R2 (64-bit)
- Windows Server 2016 (64-bit)
- Windows 7 SP1 (32-bit, 64-bit)
- Windows 8 (32-bit, 64-bit)
- Windows 8.1 (32-bit, 64-bit)
- Windows 10 (32-bit, 64-bit)

Supported cryptographic algorithms

Microsoft's Smart Card Base Cryptographic Service Provider (CSP) or Crypto Next Generation (CNG) Key Storage Provider (KSP)

Supported SafeNet Authenticators

- SafeNet IDPrime Virtual Smart Card
- SafeNet IDPrime 940/3940
- IDPrime MD 840
- IDPrime MD 3840
- IDPrime MD 830-FIPS
- IDPrime MD 830-ICP
- IDPrime MD 830 B
- IDPrime MD 3810

- IDPrime MD 3811
- Optelio / Desineo D72
- Optelio R7
- UICC in contact
- Card Emulation
- SafeNet eToken 5300
- SafeNet eToken 5110
- SafeNet eToken 5110 CC
- SafeNet eToken 5110 FIPS
- SafeNet eToken 5110 Non FIPS
- SafeNet eToken 5110 HID

* For a full list of backward compatible supported authenticators, please refer to the latest customer release notes.

About Thales's SafeNet Access Management and Authentication 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 policy-based SSO and universal authentication methods, enterprises can effectively prevent breaches, migrate to the cloud securely and simplify regulatory compliance.

