

# 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.

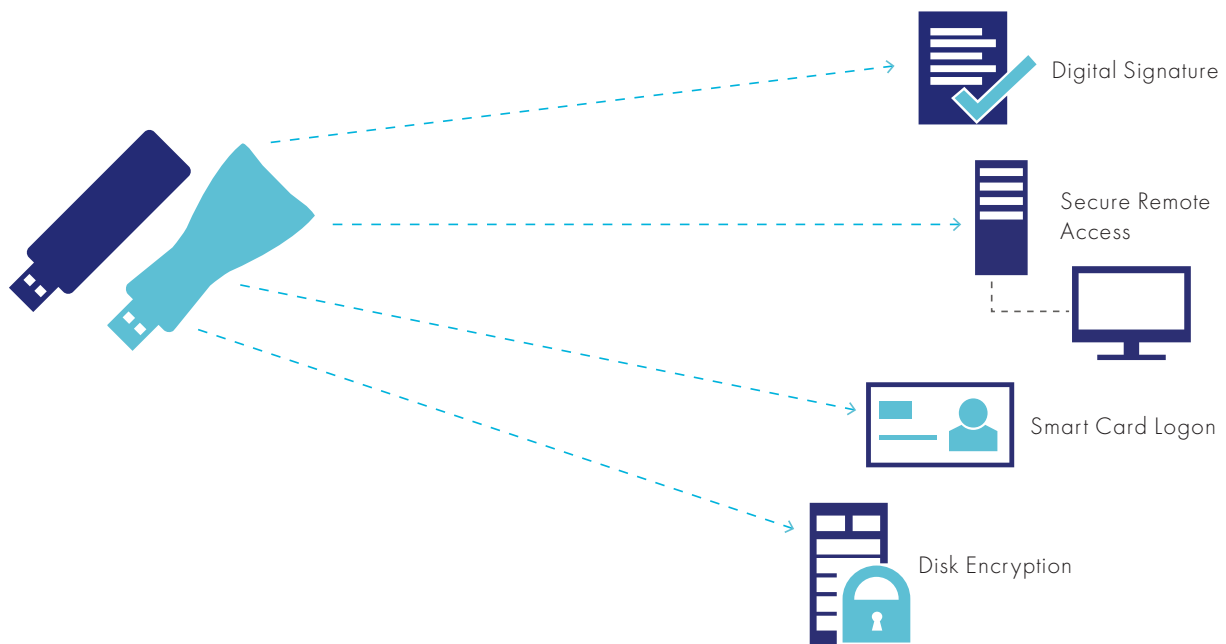
Part of the SafeNet middleware portfolio, SafeNet Minidriver allows for management of Thales's extensive portfolio of certificate-based authenticators, including eToken, IDPrime smart cards, USB and software-based devices.

### 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
- Support for PIV device



## Technical specifications

### Supported operating systems

- Windows 11 (64-bit)
- Windows 10 (32-bit, 64-bit)
- Windows Server 2025 (64-bit)
- Windows Server 2022 (64-bit)
- Windows Server 2019 (64-bit)
- Windows Server 2016 (64-bit)
- Windows Server 2012 R2 (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

Please refer to the this link for all supported [SafeNet Authenticators](#) and refer to the [Product Support Policy](#) for the latest software version.

## 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.

## About Thales

Thales is a global leader in cybersecurity, helping businesses, governments, and the most trusted organizations in the world protect critical applications, sensitive data, identities, and software anywhere, at scale — with the highest ROI. With more than 30,000 customers, including 58% of the Fortune Global 500, our solutions are deployed in 148 countries around the world. Through our innovative services and integrated platforms, Thales helps customers achieve better visibility of risks, defend against cyber threats, close compliance gaps, and deliver trusted digital experiences for billions of consumers every day.