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 Gemalto 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 Gemalto’s extensive portfolio of certificate-based authenticators, including eToken, IDPrime smart cards, iKey smart card, 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

Digital Signature
Secure Remote Access
Smart Card Logon
Disk Encryption
### 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**
- IDPrime MD 840
- IDPrime MD 840 B
- IDPrime MD 3840
- IDPrime MD 3840 B
- IDPrime MD 830-FIPS
- IDPrime MD 830-ICP
- IDPrime MD 830 B
- IDPrime MD 3810
- IDPrime MD 3811
- IDPrime .NET
- Optelio / Desineo D72
- Optelio R7
- UICC in contact
- Card Emulation
- SafeNet eToken 5110
- SafeNet eToken 5110 CC
- SafeNet eToken 5110 FIPS
- SafeNet eToken 5110 FIPS HID
- SafeNet eToken 5110 HID
- SafeNet eToken 7300
- SafeNet eToken 7300-HID
- SafeNet Virtual Token
- SafeNet Rescue Token

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**About Gemalto’s SafeNet Identity and Data Protection Solutions**

Gemalto’s portfolio of SafeNet Identity and Data Protection solutions enables enterprises, financial institutions and governments to protect data, digital identities, payments and transactions—from the edge to the core. Our solutions take a data-centric approach to security with innovative encryption methods, best-in-class crypto management, and strong authentication and identity management to help customers protect what matters, where it matters.

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**Contact Us:** For all office locations and contact information, please visit safenet.gemalto.com/contact-us

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