SafeNet Authentication Client
PRODUCT BRIEF

Benefits
- Transparently operates with any standard certificate-based security application allowing organizations to deploy multiple applications including secure access, data encryption and digital signing with a single authenticator

- Support for numerous security applications on a single platform allows organizations to streamline security operations

- Multi-platform support allows organizations to use certificate-enabled security capabilities from any client or server

Features
- Strong two-factor authentication for network and data protection

- Support for Common Criteria and FIPS certified devices

- 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

- Enables enhanced password management applications for protecting PCs and securing on-site local network access, using eToken Network Logon

- Support for the BlackBerry smart card reader allows strong authentication to BlackBerry devices with SafeNet eToken 4100

- Support for Virtual Keyboard which enables you to enter passwords without using the physical keyboard, providing protection against kernel level key loggers

The Power to Easily Manage SafeNet Authenticators

SafeNet Authentication Client is a unified middleware client that manages SafeNet's extensive portfolio of certificate-based authenticators, including eToken and iKey smart card, 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 and iKey devices.

SafeNet Authentication Client links applications to SafeNet's certificate-based software and hardware 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.

Enhance your PKI-based solution

Digital Signature

Smartcard Network Logon

Secure Remote Access

Secure Access to BlackBerry Devices
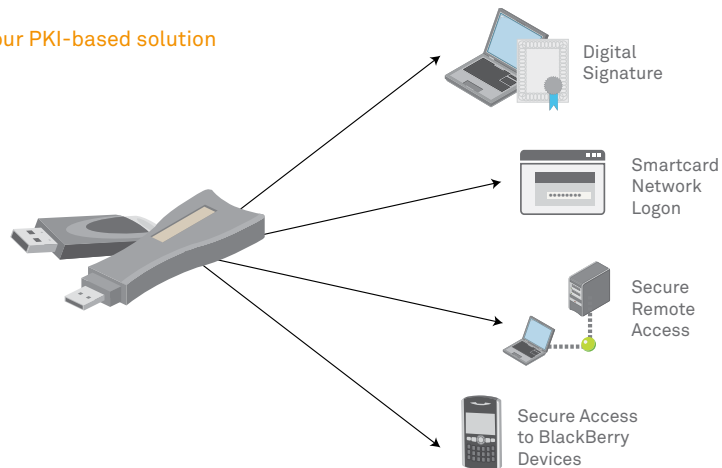
A Unified Solution for All Users

SafeNet Authentication Client is available for Windows, Mac, and Linux, as well as for BlackBerry, so your organization can take full advantage of certificate-based security solutions ranging from strong authentication, to password management and digital signing, from virtually any computer. Extending usability even further, the SafeNet Authentication Client for BlackBerry enables the BlackBerry Smart Card Reader to securely communicate with SafeNet's eToken PRO Smartcard.

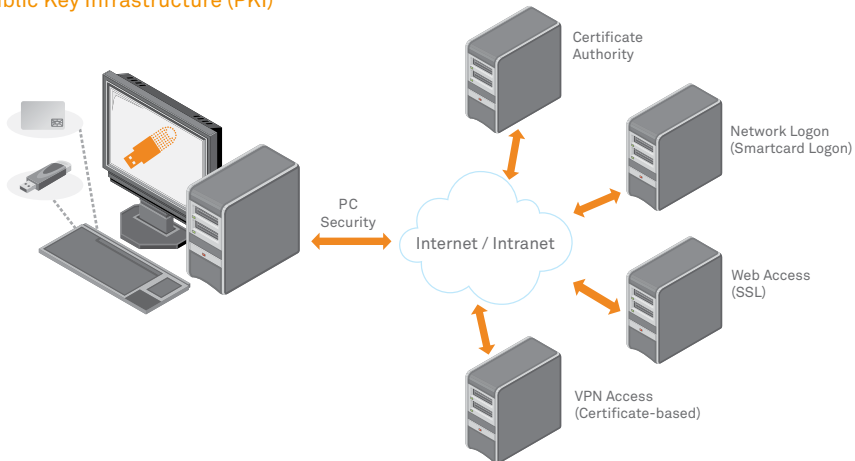## The Key to a Successful Certificate-Enabled Solution

The success of your organization depends on your ability to give authorized customers, partners and employees access to online applications, corporate networks, and business portals from anywhere. With support for web-based, user self-enrollment capabilities and easy-to-use OTP and certificate-based clientless and software authentication solutions, SafeNet Authentication Manager not only makes anywhere access a reality, it makes it simple to manage - no matter the number of users or authenticators.

Supported SafeNet Authenticators

- SafeNet eToken 5100/5105
- SafeNet eToken 5200/5205
- SafeNet eToken 4100
- SafeNet eToken 7300
- eToken PRO
- eToken NG-FLASH
- eToken NG-FLASH Anywhere
- eToken NG-OTP
- eToken PRO Smartcard
- eToken PRO Virtual
- eToken PRO Anywhere
- iKey 4000
- Smart Card 400

Public Key Infrastructure (PKI)

Technical Specifications	
Supported operating systems	**Windows:** • Windows XP SP2, SP3 (32-bit, 64-bit), Windows Server 2003 SP2 (32-bit, 64-bit), Windows Server 2003 R2 (32-bit, 64-bit), Windows Vista SP2 (32-bit, 64-bit), Windows 7 SP1 (32-bit, 64-bit), Windows 8 (32-bit, 64-bit), Windows Server 2008 SP2 (32-bit, 64-bit), Windows Server 2008 R2 SP1 (64-bit), Windows Server 2012 RC1 **Mac:** • Mac OS X 10.4 (Tiger), 10.5 (Leopard) , 10.6 (Snow Leopard), 10.7 (Lion), 10.8 (Mountain Lion) **Linux Distributions:** • Red Hat 5.8 (32-bit and 64-bit) • Red Hat 6.3 (32-bit and 64-bit) • Red Hat 6.1 (32-bit and 64-bit) • Red Hat 5.7 (32-bit and 64-bit) • Ubuntu 12.10 (32-bit and 64-bit) • Ubuntu 12.04 (32-bit and 64-bit) • Debian 6.0 (32-bit and 64-bit) • SUSE 11 (32-bit and 64-bit) • CentOS 6.3 (32-bit and 64-bit) • Fedora (32-bit and 64-bit) **Mobile Devices:** • BlackBerry OS version 4.2 and higher
Supported APIs	PKCS#11, Microsoft CAPI, Mac Keychain (TokenD)
Supported cryptographic algorithms	3DES, SHA-1, SHA-256, RSA up to 2048-bit, Elliptic Curve Cryptography (ECC)
Supported CAs	Microsoft, Entrust, VeriSign
Supported Browsers	• Firefox 5 and later • Internet Explorer 7, 8, 9, 10 • Chrome version 14 and later, for authentication only (Does not support enrollment)

The SafeNet Family of Authentication Solutions

Offering flexible management platforms, the broadest range of strong authentication methodologies and form factors, and transaction verification capabilities, as well as identity federation and single sign-on, SafeNet solutions create a future-ready security foundation that allows organizations to adopt a modular, forward-looking identity management strategy, ensuring that their security needs are met as new threats, devices, and use cases evolve.

To learn more about SafeNet's complete portfolio of authentication solutions, visit our website at **www.safenet-inc.com**.