



Identity Federation



Adaptive Authentication



Electronic Signature



Transaction Confirmation



Safelayer

Desktop VC

Description

Desktop plugin providing access to PKI keys managed by TrustedX eIDAS:

- Compatible with the Microsoft Windows certificate store or PKCS#11 (Explorer, Chrome, Acrobat, Office, etc...).
- Allows for remote signature integration using centralized keys conforming to eIDAS Regulation.
- Allows centralized key use in TrustedX for TLS authentication from web browsers.
- TrustedX maintains an auditory registry with information regarding who has used keys, when and for what uses.

Benefits

Centralized management and control

PKI keys are centrally safeguarded in a repository maintained by TrustedX eIDAS, avoiding the use of tokens or smartcards. Key use stays registered, allowing for the auditing of its use and generation of alerts through SIEM systems.

Improves user experience

PKI complexity remains hidden, with users needing only to deal with a password or with Safelayer Mobile ID. The user experience is uniform, perfectly integrated at the desktop and independently from workstation.

Easy to deploy solution

There is no need to re-provision the users, you can use the corporate archive (IdP, LDAP/AD, DB). Upon standard desktop integration, users can utilize certificates from habitual applications.

Cost savings

All PKI benefits are enjoyed without the costs of deployment or maintenance of physical cards, card readers or local repositories. Costs are saved from potential lost cards and/or from the missed detection of fraudulent token use.

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Architecture

The following diagram shows the Desktop VC plugin in relation to the centralized store of PKI keys managed by Safelayer's product TrustedX eIDAS.

Functionality

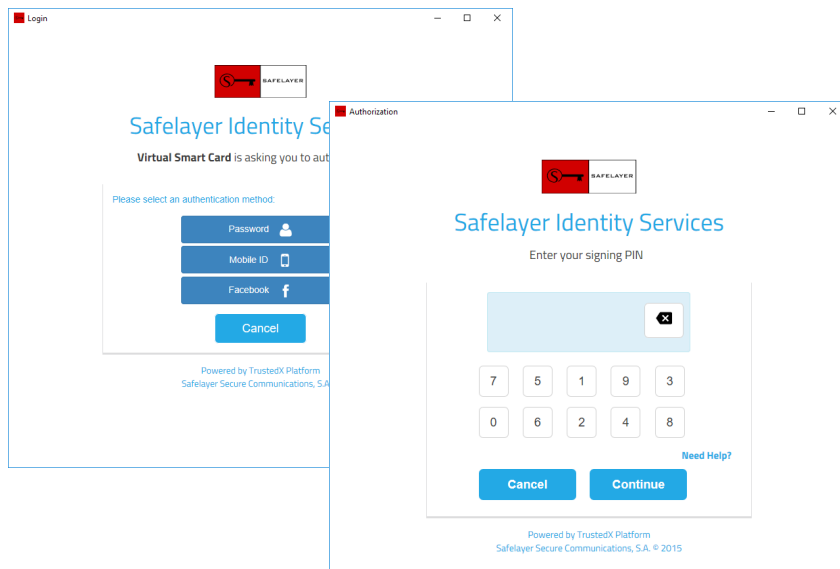
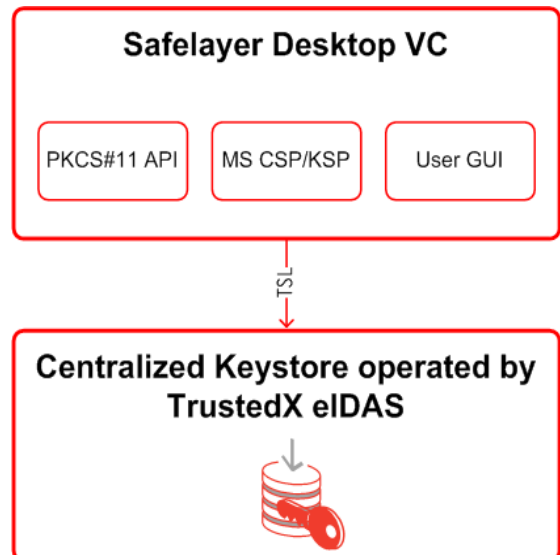
From the user perspective, Desktop VC acts like a virtual card in the sense that users can remotely utilize PKI keys and certificates in TrustedX eIDAS from their desktop applications and office software.

To access PKI keys, the user needs only one credential, with which they'll be able to use one or various credentials safeguarded by TrustedX eIDAS.

By having the PKI credentials always available, the user will be able to gain access to them from any workstation activating them with a static password, with a one-time password (OTP) or with Mobile ID depending on the established access policy.

Thanks to the use of standards for access to the Windows certificate store and the standard PKCS #11, the most popular browsers, office software applications and usual Java/.NET development tools can be integrated.

Desktop VC users may previously exist in corporate databases (IdP, LDAP/AD, DB) or can be independently managed by TrustedX eIDAS.



Technical specifications

- **Operating system:** Plugin for Windows operating systems by for TrustedX eIDAS.
- **PKI credential service:** TrustedX eIDAS by Safelayer.
- **Application integration:** Compatible with MS CAPI/CNG and PKCS #11 for Windows environments.

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