



**ENTRUST**



# Desktop Virtual Card (VC)

A module for the TrustedX eIDAS Platform

## OVERVIEW

Desktop VC enables digital signatures and web authentication processes from a local computer, using remote keys located in the TrustedX eIDAS Platform.

- A light plug-in is installed on the user's computer, enabling them to sign documents directly from the computer using remote keys securely stored in the TrustedX platform
- Can be leveraged for digital signatures in Acrobat Reader and Microsoft Office applications, and for TLS authentication in web browsers
- Maintains an audit log with information regarding who has used keys, when, and for what purpose
- Compliant with multiple regulations such as the US eSIGN Act and EU eIDAS, and compatible with the Microsoft Windows certificate store

## BENEFITS

- Centralized management and control eliminates the need for tokens or smart cards
- Users only need to deal with a password or Mobile ID\*, creating a better user experience
- A uniform user experience integrates to the desktop and is independent from the workstation
- Using your existing corporate Identity Provider (IdP) makes for easy deployment
- No deployment or maintenance costs associated with physical cards, card readers, or local repositories

\* Mobile ID is an optional module for the TrustedX eIDAS Platform. For more information you can consult the dedicated data sheet.



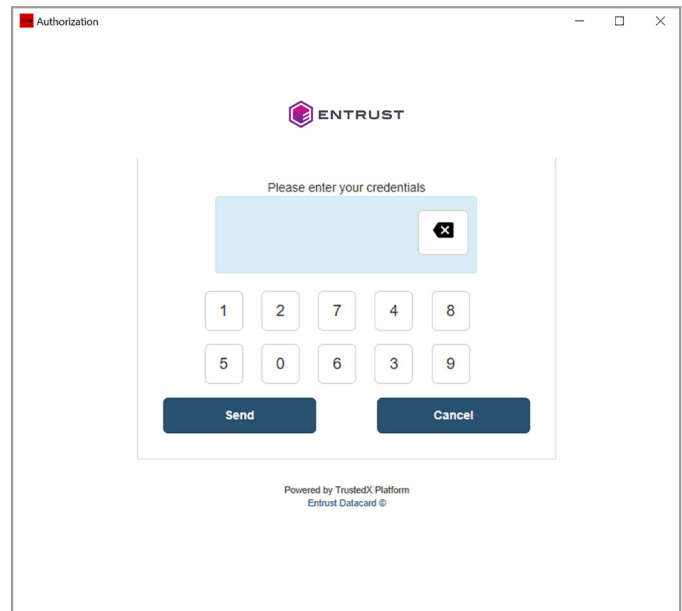
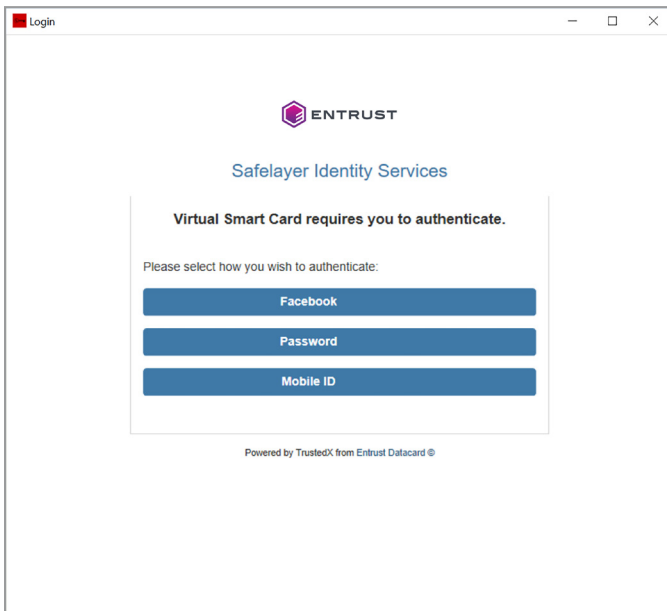
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## Functionality

From a user's perspective, Desktop VC acts like a virtual smartcard because they can remotely utilize PKI keys and certificates in the TrustedX eIDAS Platform from their desktop applications and office software.

Users access their PKI credentials from their workstation by activating them with a static password, a one-time password (OTP), or via Mobile ID,\* depending on the established access policy.

Desktop VC supports PKCS #11 as well as the current standards for accessing Windows' certificate store. It can be easily integrated to all major browsers, Microsoft Office software applications, and usual Java/.NET development tools.



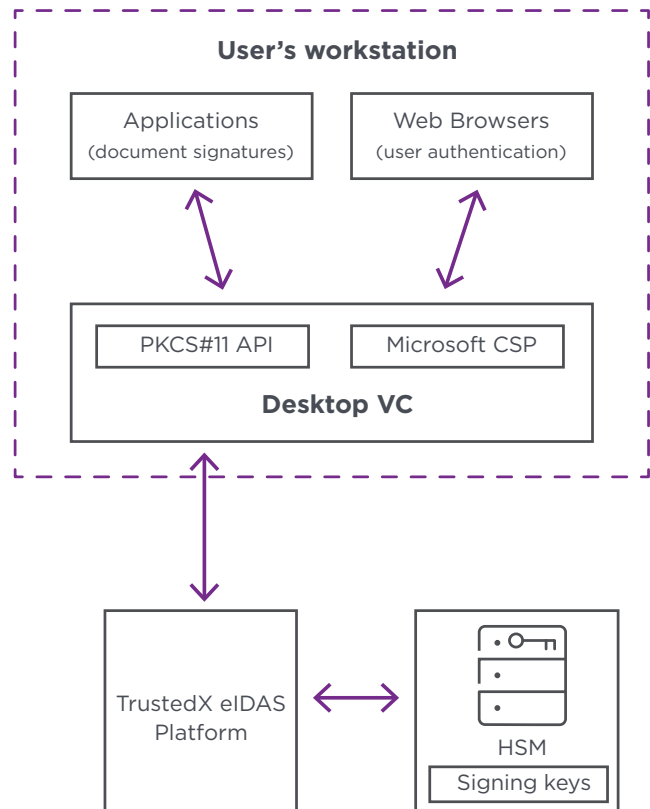
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## Architecture

The following diagram shows the workflows between the Desktop VC module and the TrustedX eIDAS service.



## TECHNICAL SPECIFICATIONS

- Pre-requisite: TrustedX eIDAS Platform is required in order to use Desktop VC
- Operating system: Plugin for Windows operating systems for the TrustedX eIDAS Platform
- PKI credential service: TrustedX eIDAS Platform
- Application integration: Compatible with Microsoft Cryptographic Service Provider (CSP) and PKCS#11 for Windows environments

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[entrust.com](https://www.entrust.com)

