

Signing Service

In the era of digitalization it is vital that customers can be more efficient and support processes electronically.

One of the goals of an effective e-governance is to help reduce the use of paper, which is both good for environment and productivity



PDF document Signing

One or more signatures can be applied to a document.

The signature is personal and derives from a user certificate.

The signature ensures that the document content is approved by a user.



PDF document Seal

A seal can be applied to documents used officially outside the organization.

A seal is not personal, but represents the organization.

A seal can be applied to a signed document.



Transaction Signing

Transactions, such as money transfers, can be approved and secured by adding an electronic signature. Vendors and integrators can easily add signing to any system on any device using the integration kit shipped with PhenixID Signing Service.



Verification of Signature

The recipient of a signed document or transaction can verify the authenticity of a signature. The purpose is to make sure the document or transaction has not been altered and verify that the signatories are trusted.



Signing as a service

With PhenixID Signing Service, a user can easily sign or seal document. Users uploads documents to the service through the PhenixID Signing Service web site or by an application that have implemented the PhenixID Signing Service API. The uploaded document will be displayed to the user (What You See Is What You Sign). When the document is signed or sealed it will be returned to the user, either via a direct download or an email.

The service supports strong authentication with multiple methods, see PhenixID Multi-Factor Authentication. The service also supports Single Sign-On functionality which can be applied to some or all clients, see PhenixID Identity Federation.

Standards

The service support several formats:

- PDF / A is an ISO-standardized version of the Portable Document Format (PDF) specialized for the digital preservation of electronic documents
- PAdES, specifies precise profiles for use with advanced electronic signature in the meaning of European Union Directive 1999/93 / EC. One important issue benefitting from PAdES is that Electronically signed documents can the remain valid for long periods, even if underlying cryptographic algorithms are broken. PhenixID Signing Service supports PAdES (PDF Advanced Electronic Signatures) Basic Profile, making it compliant with the european eIDAS regulation. More information about PAdES profiles can be found on www.etsi.org

Branding

The PhenixID Signing Service web application can be branded to an organisations "look and feel".

Language support

Multiple language support, users can select their preferred language.

Electronic signing

Electronic signing of a document provides an electronic, self-contained signature which means that the authenticity of the document can be proven even though the recipient has no access to the original source.

To be able to sign, two mechanisms are required:

- securely identify the user, through strong authentication.
- actual signing mechanism using certificates.

Document Signing

One or more signatures can be applied to a document.

The signature is personal and derives from a user certificate.

The signature ensures that the document content is approved by a user.

Document Seal

A seal can be applied to documents used officially outside the organization.

A seal is not personal, but represents the organization.

A seal ensures that the document is uncorrupted at the time of creation of the seal.

A seal can be applied to a signed document.

Verification

The organization will have a public URL where a recipient of a signed document can verify that it is really the organization that issued the document.

Transaction Signing

Transactions can be signed using PhenixID:s Mobile App One Touch, Swedish BankID or NetID Access (EFOS).

API support

Developers can easily add signing functionality to their applications. A REST-based API is available for integration.