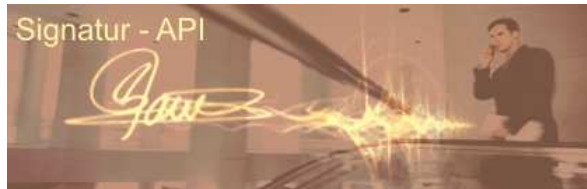


StepOver Signature API – The central component for the setup of handwritten e- signature software



Specifications:

The StepOver Signature API is an interface between a StepOver signature device (signature pad) and your individual software application for the electronic signing procedure of your documents.

The signature API inserts biometric data and the signature image into TIFF and PDF documents and joins them with the document by means of asymmetric encryption and HASH algorithms recommended by the Federal Office for Information Security (BSI), in order to protect them from tampering or theft. By means of the signature API and the free Signature Device API, you can also create your own application for simple and advanced e-signatures.

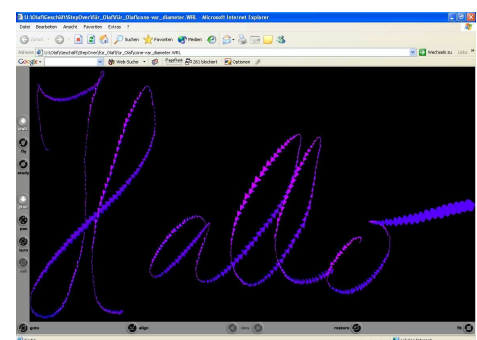
The signature API is an OCX component that is integrated into your application and can operate together with it. Licence costs are incurred for its application per workstation.

Unique features:

- Bi-asymmetric sealing up to RSA 4096 bit
- Secure checksum generation, e.g. with SHA512
- Embedding of the signature image and biometric data in TIFF and PDF documents
- Follows the secAsym B procedure and enables software development according to the secAsym A and secAsym B procedures
- Possibility to contact our developers
- The TIFF and PDF documents signed with the signature API are 100% compatible with the TIFFs and PDFs signed with eSignatureOffice and SimpleSigner.

The signature in a document

In addition to the static signature image of the signature which is visibly inserted into the document by means of the Signature API, the encrypted and compressed dynamic biometric data is also embedded into the document. This includes vertical, horizontal and pressure components, as well as the temporal evolution, including acceleration, which the Signature Device API outputs after encryption (4 dimensional data of the signature). This biometric data can be used in the case of a legal dispute at a later stage or verified (confirmed) in real time in case of an identity request. Verification based on a signature reproduced on paper is also possible.



Creation of pressure and writing direction



Order product:

Version
Signatur-API 3.x

Order number (EAN)
4260130060312

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