



Product Catalogue

Hardware and software products
for handwritten e-signatures



Unique features of our products:

StepOver Europe is the European market leader in hardware and software products for handwritten e-signatures.

At present, no other manufacturer in Europe has come close to attaining the same number of workplaces equipped with signature pads and software for handwritten electronic signatures.

Our products offer you the highest security and quality in the world, all "Made in Germany".

The biometric signature of StepOver is in fact more secure than the paper version. In order to

ensure that these signatures have legal status, StepOver Europe electronic signatures have been validated by independent handwriting experts, authorised by a court of law.

StepOver's signature pads and software products correspond to the highest safety requirements known on the market. One distinctive feature is the absolutely safe communication between our software and signature pads. This safety function guarantees the best protection against attacks from viruses, Trojans or hackers on the computer on which the signature recording software is installed. And only this type of protection offers the operator sufficient security during the validation process by means of the handwritten electronic signature of a document!



Contents

Applications & Solutions	3
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Hardware Products

naturaSign Pad Classic	5
naturaSign Pad Mobile	6
naturaSign Pad Comfort	7
naturaSign Pad Flawless	8
naturaSign Pad Colour	9

naturaSign Features

Signature Pad Opening Recognition	10
secAsym Safety Procedures	11
Dialogue Mode	12
StepOver Image Loader	13

Software Products

webSignatureOffice	14
iSignatureOffice	15
eSignatureOffice	16
SimpleSigner	17
StepOver Word Plug-in	18
StepOver TIFF & PDF Converter	19

Programming Interfaces (APIs)

StepOver Device API	20
StepOver eSignature API	21

Accessories

StepOver Accessories	22
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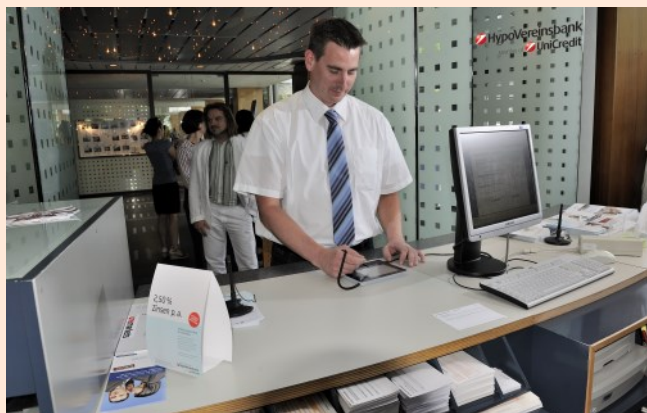
Other

Contact and Legal Notice	24
--------------------------------	----



Applications & Solutions

StepOver signature pads for use at the counter



The goal when using StepOver signature pads at the counter is to reduce or completely replace paper documents when it comes to signature-based business processes. Our solutions usually come into their own in the business field - for example when dealing with credit card payments or debit processes, or other services (mobile calls, car rental, car services, etc.), or at the cashier's desk when signing documents for incoming or outgoing payments or transfers.

In these cases, the signature is no longer made on paper but directly onto the digital document - normally in the form of a PDF file - by means of a signature pad. In this way, the signed documents are immediately available in downstream systems for further editing, searching or archiving regardless of your location. Digital storage of the signed transaction documents removes the inconvenience and, over time, high cost of filing paper documents. In addition to stemming the flood of paper, it also eliminates the risk of losing the document(s). For customers, signing on a signature pad is an everyday action that is widely accepted as equivalent to the paper signature.

Since biometric data i.e. pressure progression and speed can be captured very precisely (in addition to the pure signature image), the signature can be

verified in a court of law by a handwriting expert in the case of dispute. As this data is protected with an asymmetric key stored by a notary, it rules out any instances of misuse e.g. in the form of blank signatures. The signed document is legally compliant through checksums and is also protected from subsequent manipulation.

The signature pads [naturaSign Pad Colour](#) and [naturaSign Pad Flawless](#) developed and manufactured in Germany have been specially adapted to requirements at the counter or cashier's desk. The document to be signed can be viewed, checked and finally signed directly on the large colour screens. Furthermore, the stand-by mode with its slide show offers a dynamic advertising space at the counter or cash desk itself.

Benefits at a glance:

- ✓ No costs for printing, scanning or filing the signed documents
- ✓ Considerably speedier processes
- ✓ Documents are available for further editing immediately after signing
- ✓ The signatures and document integrity are ensured through our [secAsym safety concept](#)
- ✓ Pre-defined signature fields are automatically activated and can be processed one after the other
- ✓ The signature is a recognised action of statement of intent for young and old alike
- ✓ The signature cannot be transferred or stolen
- ✓ Signature pads with large colour displays, [dialogue mode](#) and [slide show](#) offer considerable added value at the counter or cash desk



Anwendungsgebiete & Lösungen

StepOver signature pads used in field service



Brief description:

Field workers in the service or sales domain use StepOver solutions to obtain signatures electronically, for example in maintenance reports, service reports, insurance applications or sales contracts. Signed documents can immediately be transferred to back-end systems in digital form for further editing. This makes it possible to settle services very promptly.

Benefits at a glance:

- ✓ Considerable shortening of the workflow and thus also an improvement in customer services and customer satisfaction
- ✓ Improved quality through automatically generated applications checked for plausibility (no errors in post-editing due to illegible handwriting, missing data, typing errors, outdated forms, etc.)
- ✓ Reduced expenditure in field service and at the office (through fewer checking and recording activities, easier dispatch, fewer queries, avoiding the use of paper forms)
- ✓ No costs for printing, dispatch, faxing or scanning the signed documents

StepOver signature pads used in the office

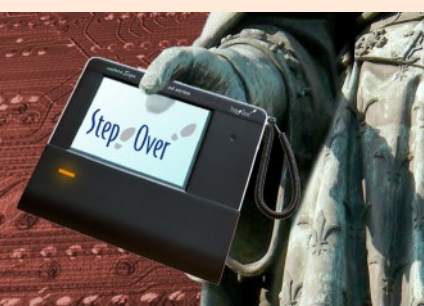


Brief description:

StepOver solutions are effective across a wide range of applications in the office. Some trade chains opt for handwritten e-signatures to avoid paper forms in payroll accounting. Payroll processes between individual markets and head offices can thus be conducted completely electronically and without any format mismatches. Automated processes thus ensure huge savings in resources and create optimisation effects.

Benefits at a glance:

- ✓ The e-signature is the ideal supplement to your DMS or ERP system
- ✓ Clear optimisation effects through huge paper-saving, lower dispatch costs and no longer any need for lots of manual single steps
- ✓ Loss of documents or laborious manual post-editing now a thing of the past
- ✓ Internal processes are digitally reproducible, status can be seen at any time and responsibilities are more transparent





naturaSign Pad Classic

The classic for field service



1. Extra wide writing surface with scratch-resistant surface for recording signatures for ID, including double-barrel names.
2. Pen holder and attachment with tear-proof spiral cord.
3. Pen holder for use at service counters.
4. Status LED lights (orange = ready/ green = signature mode)

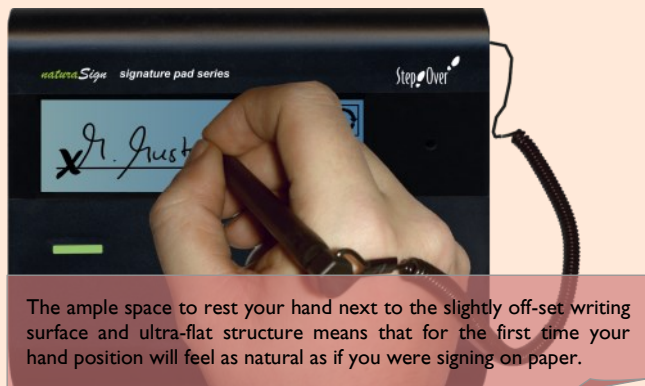
Stability and ergonomics at its most beautiful

A pad with an LCD screen that is as thin as a CD case, yet offering extreme stability! 40% of its 1 cm depth is dedicated to reinforcing the casing. This design also contributes to its high level of stability.



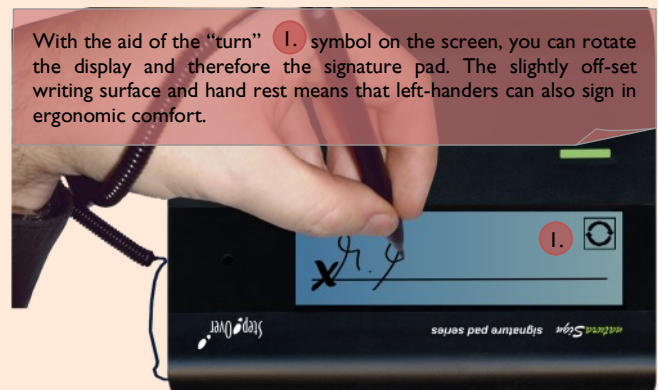
With its standard mini USB connection, there are no more problems with cable length. While desktop computers often require a long connection cable, with laptops this is a hindrance. The inconvenience of having to connect the cable under the table in fixed workstations is also gone. Now you have the choice!

The perfect signature pad for right-handed people...



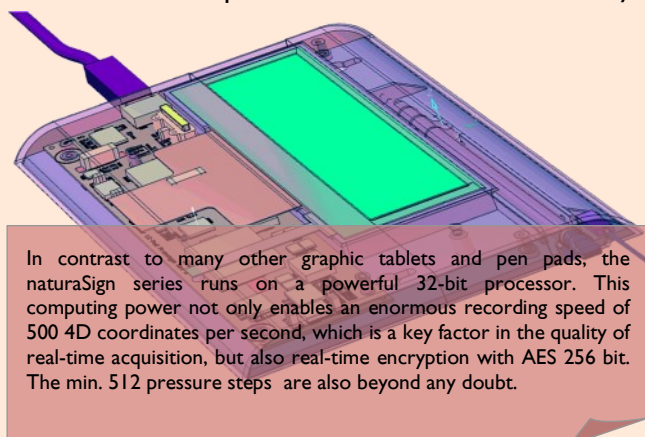
The ample space to rest your hand next to the slightly off-set writing surface and ultra-flat structure means that for the first time your hand position will feel as natural as if you were signing on paper.

...and for left-handed people



With the aid of the "turn" symbol on the screen, you can rotate the display and therefore the signature pad. The slightly off-set writing surface and hand rest means that left-handers can also sign in ergonomic comfort.

The most secure pads in the world Made in Germany.



In contrast to many other graphic tablets and pen pads, the naturaSign series runs on a powerful 32-bit processor. This computing power not only enables an enormous recording speed of 500 4D coordinates per second, which is a key factor in the quality of real-time acquisition, but also real-time encryption with AES 256 bit. The min. 512 pressure steps are also beyond any doubt.

This signature pad offers the highest quality and security, developed and produced in Germany. Among the security features not to be missed are the standard encryption and document transfer of high-resolution biometric signature directly to the signature pad, high optical and temporal resolution including pressure resolution and the internal signature creation unit. It is the only way to sign safely in accordance with strict EU directives.

[More information on secAsym processes on page 11](#)

Product Catalogue page 5

Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices are available from the following product link:

www.StepOverInfo.net/ClaPad



naturaSign Pad Mobile

A robust design for use whilst on the move



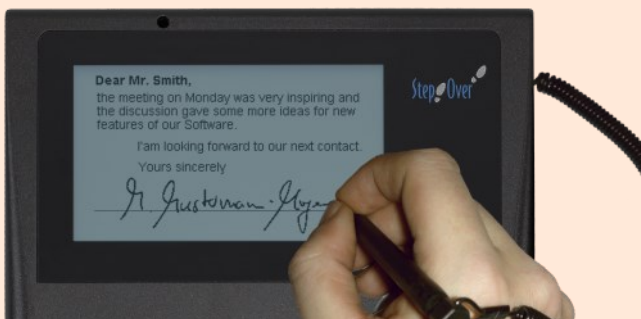
The enlarged black-and-white screen gives you even more space for signatures: even scrawled handwriting is no longer a problem. The tried-and-tested "turn" function enables you to rotate the signature line 180° and thus allows left-handers to sign comfortably and ergonomically.

New, resistive design!



The new, flat sensor coupled with a particularly easy-care casing offers a convenient method of signing with no sharp edges or corners. Grime doesn't stand a chance!

More than just a signature...



Now you can insert individual text on the screen as well as position interactive buttons ([Dialogue Mode](#)) or your company logo. The high-resolution LCD ensures that your insertions will be precisely displayed.

The naturaSign Pad Mobile takes into account the trend for increasingly large displays for more convenient handling. The naturaSign Pad Mobile has been specially developed to meet the demands of mobile use, such as in field service. Thanks to the large LCD, ultra-flat structure (under 1 cm thick) and rounded edges, the naturaSign Pad Mobile is also a highly compact yet stable and comfortable device for capturing signatures.

Space-saving but stable!



A pad with LCD screen that's flatter than a CD case and therefore saves you plenty of space e.g. can be taken with you in a laptop bag. Nonetheless, it's very stable and meets the demands of daily use whilst on the move!

This signature pad offers the highest quality and security, developed and produced in Germany. Among the security features not to be missed are the standard encrypted transfer of the high-resolution biometric signature directly to the signature pad, the high optical and temporal resolution including pressure resolution and the internal signature creation unit. It is the only way to sign safely, according to strict EU directives.

[More information on secAsym processes on page 11](#)

New to all naturaSign Pads is the so-called Dialogue Mode, which enables versatile interaction with customers by means of text inserts and buttons.

[More information on the Dialogue Mode on page 12](#)

Product Catalogue page 6



Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices are available from the following product link:

www.StepOverInfo.net/MoPad





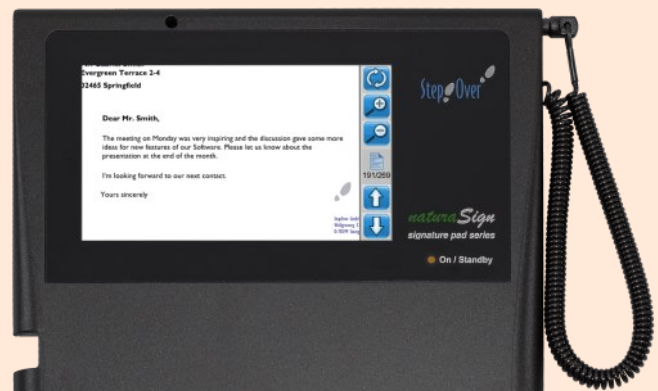
naturaSign Pad Comfort

Setting the standard for mobile use



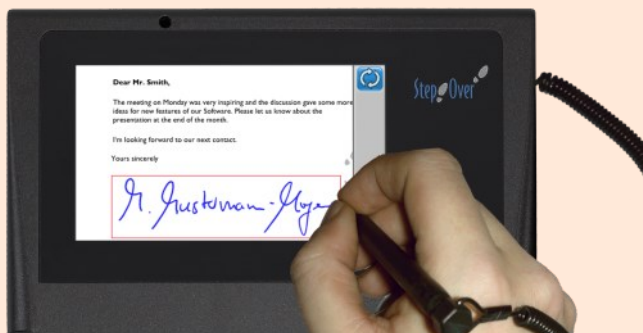
The colour screen provides you with enough space to insert long texts and messages. You can customise the design of the standard signature field according to your preferences.

More than just a signature...



The high-resolution colour TFT enables the document to be displayed directly on the pad, allowing you to scroll through as well as zoom in and out.

Sign directly onto the document



Not only can individual insertions appear on the pad display, you can also sign directly onto documents - it's almost like signing on paper.

A shining display!



Insert your own graphics into a slide show in stand-by mode. Send your customers the latest information and offers in bright resolution and colours.

The naturaSign Pad Comfort has been specially designed to meet the requirements of mobile use, such as in field service. Thanks to the brilliant TFTs, extremely flat design (under 1 cm thick) and rounded edges, the naturaSign Pad Comfort is a highly compact yet stable and comfortable device for capturing signatures.

This signature pad offers the highest quality and security, developed and produced in Germany. Among the security features not to be missed are the standard encrypted transfer of the high-resolution biometric signature directly to the signature pad, the high optical and temporal resolution including pressure resolution and the internal signature creation unit.

It is the only way to sign safely, according to strict EU directives.

[More information on secAsym processes on page 11](#)

New to all naturaSign Pads is the so-called Dialogue Mode, which enables versatile customer interaction by means of text inserts and buttons.

[More information on the Dialogue Mode on page 12](#)

All naturaSign Pads with colour display offer an integrated slide show.

[More information on the creation of slide shows on page 13](#)

Product Catalogue page 7

Manufacturer: StepOver GmbH

Country of origin: Germany

Further information and prices are available from the following product link:

www.StepOverInfo.net/CoPad



naturaSign Pad Flawless

Perfect for when you're not on the move



The colour screen provides you with enough space to insert long texts and messages. You can customise the design of the standard signature field entirely according to your requirements.

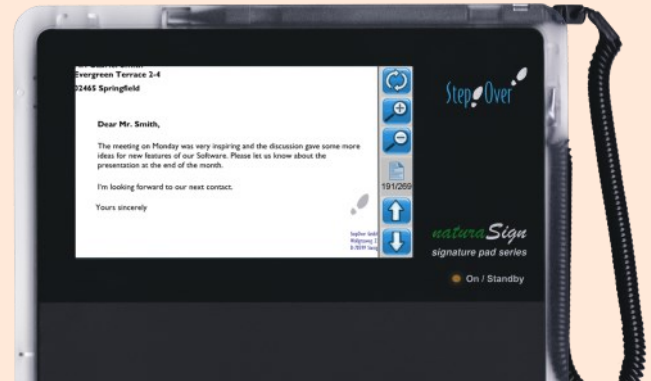
Sign directly onto the document



Not only can individual insertions appear on the screen, but you can also sign directly onto documents. Almost like on paper.

The naturaSign Pad Flawless with brilliant colour screen has been specially developed for stationary use and sets new design standards! Thanks to the ultra-flat structure (less than 8 mm thick), the naturaSign Pad Flawless doesn't just shine on the desk or counter - it even copes brilliantly with the demands of mobile use. In fact, wherever a sophisticated design and high level of functionality is required. This signature pad offers the highest quality and security, developed and produced in Germany. Among the security features not to be missed are the standard encrypted transfer of the high-resolution biometric signature directly to the signature pad, the high optical and temporal resolution including pressure resolution and the internal signature creation unit. It is the only way to sign safely, according to strict EU directives.

More than just a signature...



The high-resolution colour screen enables the document to be displayed directly on the pad, allowing you to scroll through as well as zoom in and out.

The thinnest TFT signature pad ever!

It doesn't get much thinner than this! With its ultra-flat structure of just 8 mm thick and transparent case, it blends perfectly with the base on which it lies.



The palm rest with soft-touch surface offers a sophisticated look and a similar touch to paper - for an even more natural writing feel.

It is the only way to sign safely, according to strict EU directives.

[More information on the secAsym process on page 11](#)

New to all naturaSign Pads is the so-called Dialogue Mode, which allows for versatile interaction with customers by means of text inserts and buttons.

[More information on the Dialogue Mode on page 12](#)

All naturaSign Pads with colour display offer an integrated slide show.

[More information on the creation of slide shows on page 13](#)

Product Catalogue page 8

Manufacturer: StepOver GmbH

Country of origin: Germany

Further information and prices are available from the following product link:

www.StepOverInfo.net/FlaPad





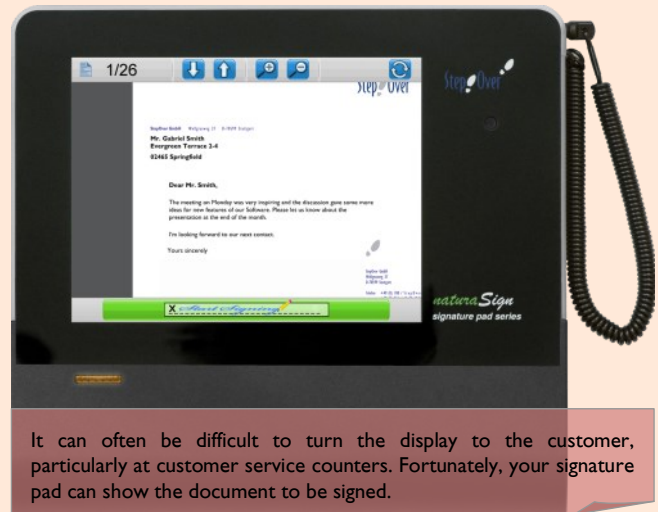
naturaSign Pad Colour

The premium product for service counters



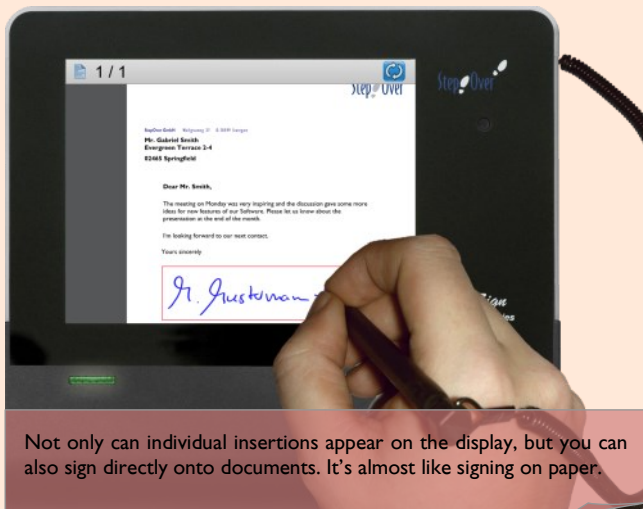
The particularly large colour screen offers plenty of space to insert long texts and messages. You can fully customise the design to your requirements.

A larger display for the signatory



It can often be difficult to turn the display to the customer, particularly at customer service counters. Fortunately, your signature pad can show the document to be signed.

Sign directly onto the document



Not only can individual insertions appear on the display, but you can also sign directly onto documents. It's almost like signing on paper.

Present yourself perfectly!



The brilliant colour display with a resolution of 640x480 pixels can present your latest offers, products, solutions and services perfectly in stand-by mode.

The naturaSign Pad Colour with bright colour screen is currently the most popular model for use at the counter, leaving nothing to be desired in terms of security, functionality or comfort and design. Thanks to its extremely flat structure (1.1 cm thick), the naturaSign Pad Colour doesn't just shine on the counter - it even copes brilliantly with the demands of mobile use.

This signature pad offers the highest quality and security, developed and produced in Germany. Among the security features not to be missed are the standard encrypted transfer of the high-resolution biometric signature directly to the signature pad, the high optical and temporal resolution including pressure resolution and the internal signature creation unit.

It is the only way to sign safely, according to strict EU directives.

[More information on the secAsym process on page 11](#)

New to all naturaSign Pads is the so-called Dialogue Mode, which enables versatile interaction with customers by means of text inserts and buttons.

[More information on the Dialogue Mode on page 12](#)

All naturaSign Pads with colour display offer an integrated slide show.

[More information on the creation of slide shows on page 13](#)

As a top model, the naturaSign Pad Colour is presumably the only signature pad in the world to have opening recognition.

[More information on opening recognition on page 10](#)

Product Catalogue page 9

Manufacturer: StepOver GmbH

Country of origin: Germany

Further information and prices are available from the following product link:

www.StepOverInfo.net/ColPad



Opening recognition - security at the counter



Opening recognition - security at the counter

Unlike in mobile use, in which the employee takes the signature pad with him, a counter may be left unattended. It is therefore reassuring for many operators to know that the device can itself recognise whether or not it has already been opened. The [naturaSign Pad Colour](#) (year of manufacture 2013) from StepOver Europe is currently the only signature pad in the world to offer this function as an optional extra.

How does it work?

The naturaSign Pad Colour model in the current series has an internal battery, which supplies internal storage with electricity over a period of several years (usually for the entire life span of the pad). This internal storage unit holds a unique key for each pad so long as it is provided with electricity. If the casing is opened, the electricity supply is interrupted and the key is deleted. The next time it is switched on, the firmware integrated into the main processor ascertains that the key for the volatile memory is no

longer equivalent to its own and therefore that the pad may have been tampered with. The battery can be replaced by StepOver if the pad should exceed its life span. In this regard, the device is also checked for integrity (manipulation) and the alarm is reset.

The pad reacts to a recognised opening

By default, the signature pad sends a silent alarm to the software, which can evaluate or ignore this depending on the administrator settings. However, the pad can also be configured at two further security levels in such a way that if there is an opening recognition, signature capture will no longer be approved (prevent capture) or an error message will be displayed immediately after plugging in (adjust function). The security levels can be increased at a later time (e.g. a pad set up ex works to the security level “silent alarm” can later be changed to “prevent capture” or “adjust function”. Changing the security setting to a lower level is, however, not possible).





secAsym Process Maximum security for your signature

In contrast to many other graphic tablets and pen pads, the naturaSign series runs on a powerful 32-bit processor from the ARM 7/Cortex M3 series. This computing power not only enables the massive recording speed of 500 4D coordinates per second, a real-time encryption with AES 256-bit for data transfer between PC and signature pad and, to a considerable extent, also the internal signature creation unit.

The internal signature creation unit was integrated into a signature pad by StepOver for the first time in the world in 2008. Since then, it has been a decisive security standard in all safety-relevant e-signature solutions. The secAsym process is precisely what a truly safe process should be.

secAsym process



The secAsym process is responsible for linking the unique biometric data of a signature inseparably with the document to be signed.

The encryption means that extracting the biometric data is not possible at any time without access to the

private key stored safely by a notary public. Thus the signature captured is safe from improper re-use and the operator can prove that a specific signature was indeed provided for the document in question. Added to this, the digital signature generated by the signature creation unit enables you to check the integrity of the document. Any modifications/manipulation/damage made to the document after signing can be ascertained at any time.

This safety, however, can only be guaranteed if the capture of the biometric data - its link to the document as well as encryption and signature creation - does not occur on a potentially unsafe PC. Safety is only ensured when all security-relevant actions have already been performed in the recording device i.e. in the StepOver signature pad.

Each StepOver naturaSign Pad therefore has a unique certificate for the digital signature (2048-bit RSA private key), with which the internal signature creation unit signs the document. This certificate is generated on the secure StepOver production system (island system) and approved with its root certificate. It is then loaded onto the signature pad during production. From there, it can no longer be read and is thereby protected from improper use.

In addition, the certificate enables the person checking the signed document to assign each signature to a particular signature pad, as the certificate is linked with each respective serial number.

Furthermore, the public key from a second key pair created by a notary public (RSA 2048 bit) is located in the signature pad processor. Using this key, the biometric data is already encrypted in the pad. In this way, highly sensitive data is never found decrypted on the PC. The private key from this second key pair is stored safely by the notary public so that in case of a dispute, decrypting the biometric data can be fully demonstrated for subsequent comparison by a handwriting expert.

Only this unique security concept guarantees the user the highest-possible level of verifiability, as this is the only way to claim demonstrably that the biometric data of the signature has never been used for purposes other than those intended (by intercepting the memory and copying the data to another document).

Product Catalogue page 11

Further information available from the following link:

www.secAsym.com



Dialogue Mode

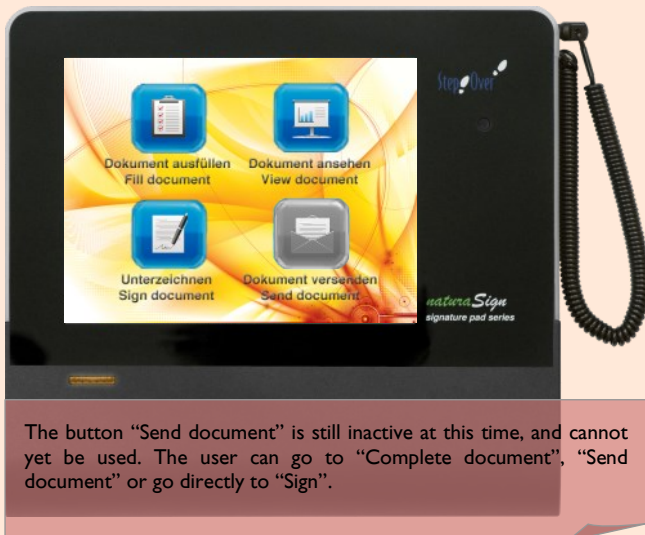
Automated interaction with customers

Dialogue mode for StepOver Pads with colour screen

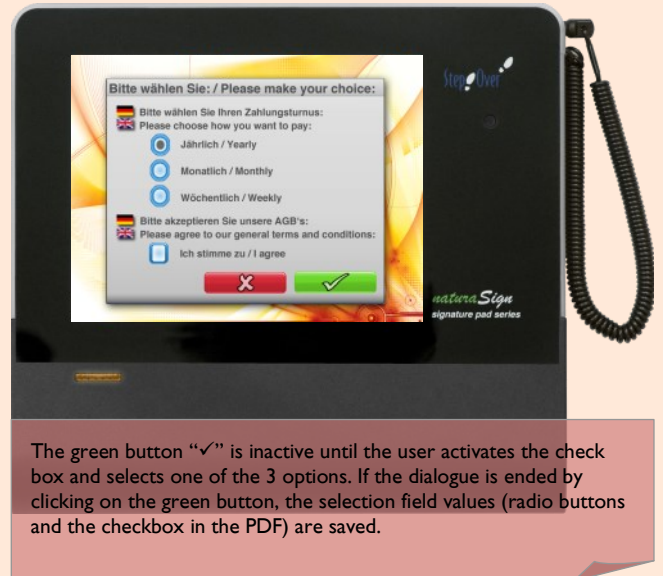
The Dialogue Mode for StepOver signature pads with colour screen enables you to interact directly with your customers through the signature pad. In this way, the customer can carry out any relevant user tasks on the signature pad himself, without a second screen being necessary for display. This is particularly advantageous when it comes to use at the counter. Thus the document can be viewed, filled out and finally signed on the signature pad. All dialogues, including the buttons and selection features, can be set up as desired and given their own program logic. All sorts of customer interaction is therefore possible, without any staff costs whatsoever. The Dialogue Mode can be used with the following signature pads: naturaSign Pad Colour, Comfort and Flawless.

The following example illustrates one possible application:

After starting eSignatureOffice, the signature pad screen displays this selection menu, for example.



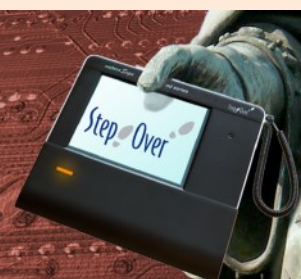
If the user selects "complete document", the following selection dialogue may appear:



... And thus the document can be prepared step by step interactively with the customer for signature.

Essential features of the Dialogue Mode

- ✓ Dialogues designed as you wish
- ✓ Dialogue logic e.g. activation or deactivation of buttons in reaction to user input designed as required
- ✓ The logic runs directly within the signature pad, guaranteeing the fastest reaction to input.
- ✓ Also updates from screenshots possible (The full screen does not need to be displayed again).
- ✓ Writing can be displayed on the screen by sending normal text (not graphics), as a default font is implemented in the signature pad.





StepOver ImageLoader Software for signature pads with colour screen

Using the signature pad for efficient advertising



StepOver signature pads with colour screen are able to display various graphics in stand-by mode and play these as a slide show at intervals. In this way, you can use your StepOver pad to present your company logo or draw your customers' attention specifically to special activities!

How? It's quite simple with the StepOver ImageLoader!

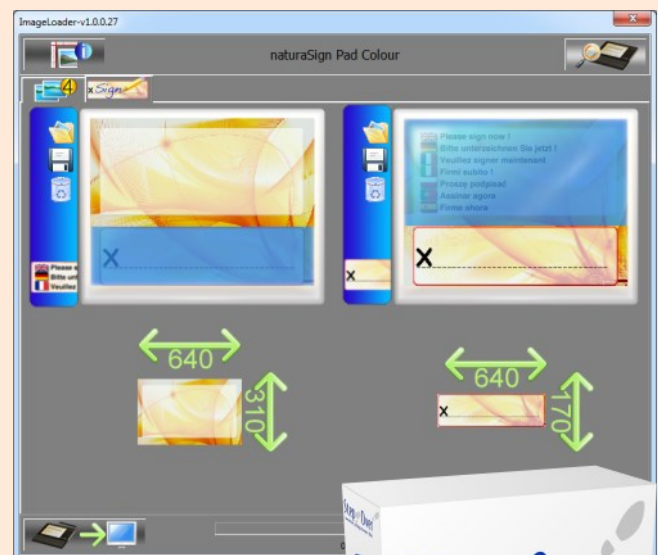
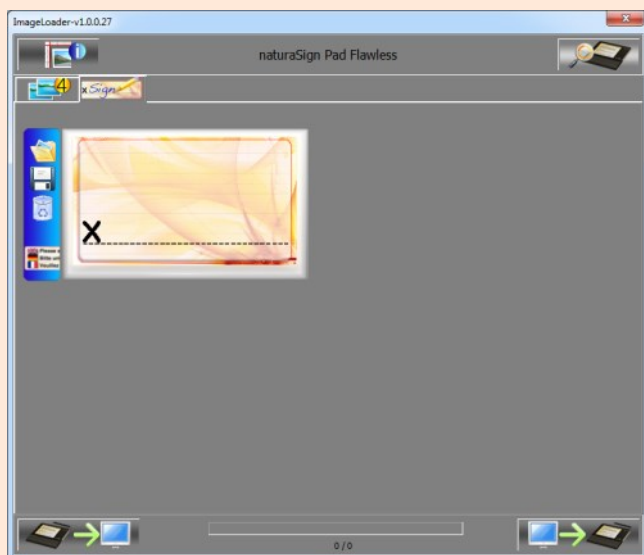
The StepOver ImageLoader supports the upload, download and deletion of slide show images on signature pads in the naturaSign Pad [Colour](#) / [Comfort](#) and [Flawless](#) series (via a USB connection). Provided that the document is not being displayed during signing, the signing background can also be individually designed.

Of course, all these actions can also be controlled automatically through an application to manage images by command line. The command line call can be run in the background (silent mode), and the calling program is informed about the result through a return value (exit code).

More functions for calling via the command line:

- ✓ Adjusting the screen brightness
- ✓ Deactivating the display (electricity-saving mode)

The StepOver ImageLoader is suitable both for manually changing the slide show as well as – by means of a customer program - changing the slide show on a productively operated signature pad (e.g. at the counter).



Product Catalogue page 13

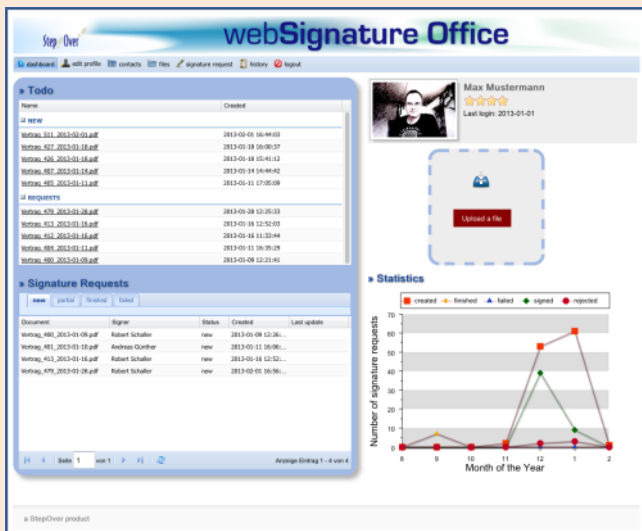
Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices available
from the following product link:
www.StepOverInfo.net/ImageL



webSignatureOffice Server-based Internet solution for e-signatures

webSignatureOffice(.com) lets you sign and view read-only PDF/A documents in the web browser regardless of where you are in the world.



Quite simple and straightforward for signatories

The signatories of the document only need a web browser to view the document comfortably, fill out any existing form fields where necessary and provide their signature.

webSignatureOffice.com provides support both in the application of certificate-based digital signatures as well as the use of handwritten signatures by means of the signature pad*. Furthermore, iPads too can be integrated into the process with the help of the iSignatureOffice APP.

How does webSignatureOffice(.com) work?

As a registered user, you can upload, manage and delete documents in the administration area. Here you can determine which persons or groups are to sign each respective document, where and how often. The position of the signature fields can be set both by manually selecting the space using the mouse or by using a key word-based automatic search, which you can also re-use for other documents after determining the settings in a one-off action.

As signatory, you can specify all other registered webSignatureOffice(.com) users that you have added to your address book. Furthermore, external partici-

pants can also be invited to be a signatory via e-mail; these will then be given the opportunity to view the document in question, to complete it where necessary and to sign it.

Signing

Each signatory automatically receives from the system an invitation e-mail containing a link to the document to be signed. As soon as the signatory starts the signature process, s/he is automatically taken to all relevant signature fields.

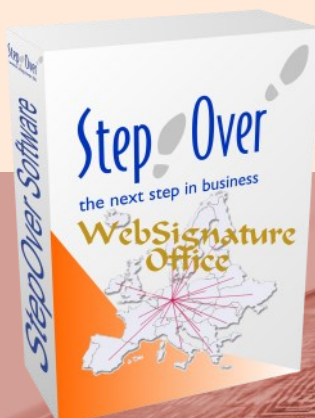
webSignatureOffice(.com) as a company-owned server

The server can be hosted by business customers and optionally activated via interfaces (SOAP). Practically the entire administration and process creation of webSignatureOffice can thus be automated by the customer system.

webSignatureOffice(.com) in brief:

- ✓ Manual signature and certificate-based signature
- ✓ Highest-possible security in connection with StepOver signature pads*
- ✓ Highest-possible security in connection with secure identification of certificate holder
- ✓ Transparent evaluation of signature safety as per strengths of your identification procedure
- ✓ Independent of operating system
- ✓ ISO-conformant digital signature (document can be checked in Adobe Reader, among others)
- ✓ Browser application does not require flash or Adobe Reader, among others
- ✓ Completion of form fields (supports among others text fields, selection menus, check boxes, etc.)
- ✓ Integration of the server to business customer side

**Please contact us directly for up-to-date information on the support devices and operating systems.*



Product Catalogue page 14

Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices available from the following product link:

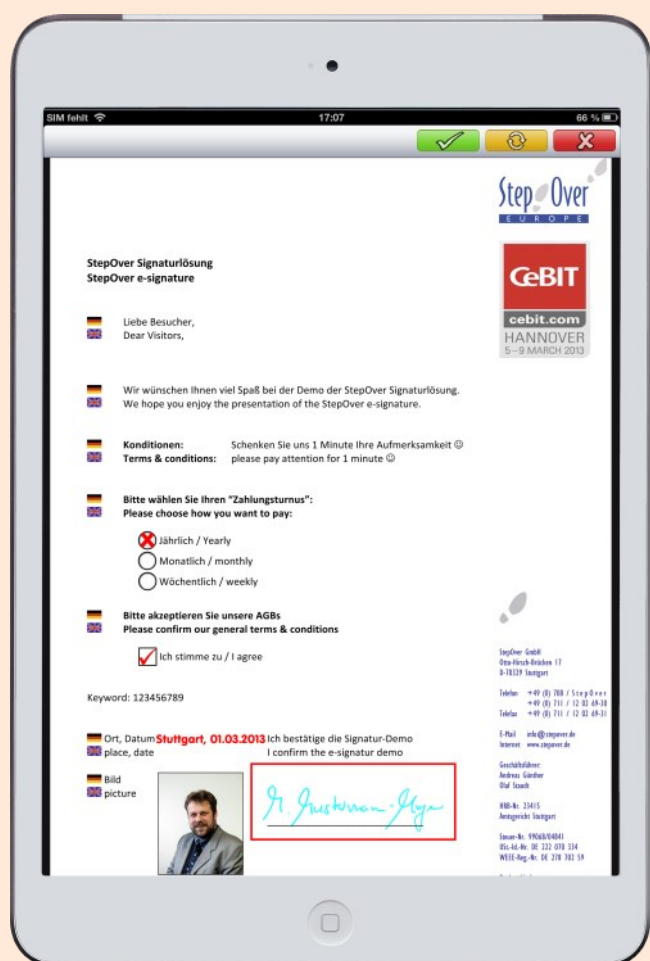
www.StepOverInfo.net/WSO





iSignatureOffice The iPad e-signature solution

iSignatureOffice is the iPad variant for the signature software eSignatureOffice (checked by the Technical Inspection Agency) and allows you to fill out and sign read-only PDF/A documents using an iPad.



Filling out documents

Any entry fields in the document can be completed on the iPad before commencing the signing process.

Signing documents

Signing can be initiated by typing manually into the signature field, or by starting a pre-defined, fully automated signature process.

The server and connection to customer systems

Both document exchange and document control are effected via a server, which has an easy-to-run yet powerful web surface. The server can be hosted by the business customer and directly activated and controlled via interfaces (SOAP) from the customer's system.

Offline capability

If the iSignatureOffice app is synchronised on a one-off basis with the server, it can also be used offline to process the loaded documents and capture signatures. The documents are automatically aligned with the server as soon as the iSignatureOffice is back online.

Integrating the APP

As a native iPad app, iSignatureOffice uses full ergonomics with gesture control and trusted operating features. Furthermore, iSignatureOffice can also be integrated as a component in customer apps.

Security

The biometric data* of the signature is already safely encrypted in the iPad and thus linked with the document in such a way as to prevent improper use in another document. In this, a public RSA key (2048 bit) comes into use, so that the biometric data cannot be decrypted without access to the private RSA key assigned.

**The maximum temporal and local resolution is set by the iPad hardware; further information and measurement values are available on request.*

iSignatureOffice in brief:

- ✓ Handwritten signature, photo signature, certificate-based signature (PKCS12)
- ✓ Best-possible capture of biometric data*
- ✓ Highest-possible security
- ✓ ISO-compliant digital signature
- ✓ Document can be checked in Adobe Reader

Product Catalogue page 15

Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices available from the following product link:

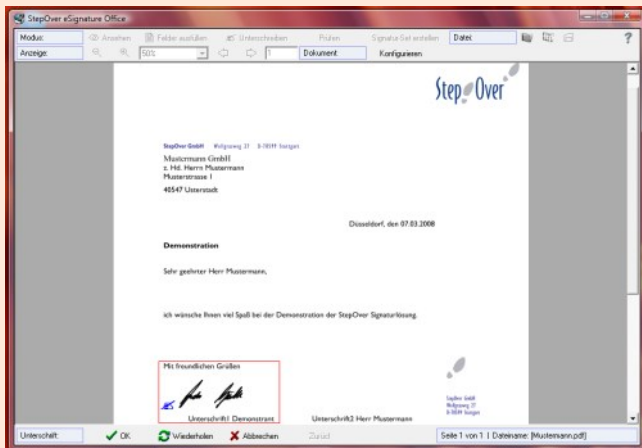
www.StepOverInfo.net/ISO



eSignatureOffice

The completely adaptable and automatable solution for handwritten e-signatures

eSignatureOffice leads the market!



With over 100,000 installations operating in the areas of insurance, banking, industry and health care in Germany alone, eSignatureOffice is probably the best-selling software for handwritten e-signatures in Europe and the standard for the German insurance sector. The reasons for this are both the excellent product security and its flexibility with regard to the integration into the available software environments and processes.

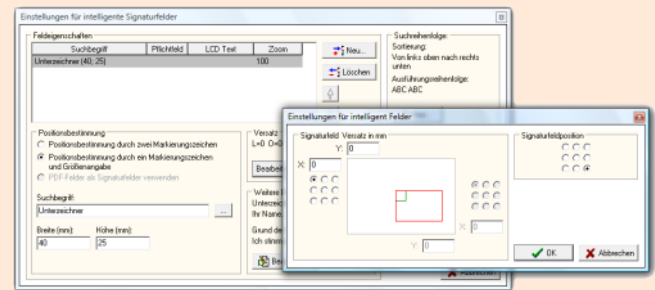
eSignatureOffice is a complete stand-alone solution for the signing of PDF/A documents in long-term archiveable PDF/A format and does not require any additional third-party software products.

Complete solution for processing and signing PDF/A documents accordant with PDF/A

eSignatureOffice enables the display and signing of PDF documents which can be "printed" directly from the customer application into eSignatureOffice or opened from a hard drive or web server (FTP and HTTP). PDF form fields can also be filled out and saved in eSignatureOffice.

eSignatureOffice provides the highest possible security through bi-asymmetric encryption. The support of symmet-

ric and asymmetric encryption (2048-bit RSA) makes eSignatureOffice suitable for systems with simple and advanced e-signatures.



eSignatureOffice makes your workflow easier:

- ✓ Intelligent signature templates automatically find the positions in which signatures are required, even in dynamically generated PDF/A files
- ✓ The intelligent file designation gives the signed PDF a name, if requested, that is derived from the document content, e.g. client or application number
- ✓ Combination of different tasks in one macro action (e.g. print document, send as e-mail or through FTP and close eSignatureOffice)
- ✓ The eSignatureOffice surface can be customised to meet your personal needs



Product Catalogue page 16

Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices are available from the following product link:

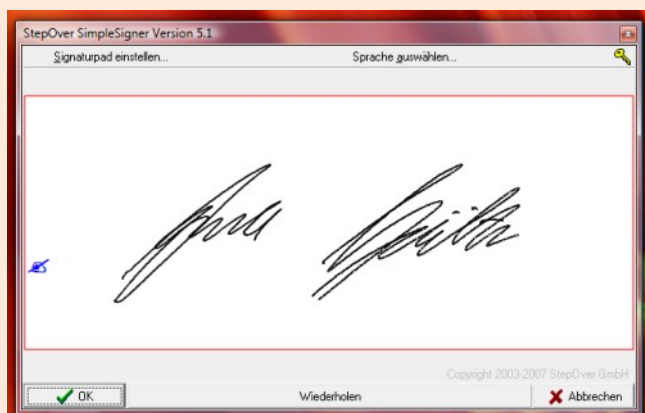
www.StepOverInfo.net/ESO





SimpleSigner Command line controlled integration of signature image capture in application

Simple capture of secure handwritten e-signatures



The SimpleSigner can be integrated into any customer application as a signature acquisition window without any programming required, and is controlled via start parameters. In the free basic version, signatures can be saved as bitmap and jpeg. With a premium update, it is also possible to sign PDF/A documents using the SimpleSigner command lines.

The basic function of the StepOver SimpleSigner

Signatures can be acquired and then saved as a bitmap or jpeg in the free basic version of the SimpleSigner, meaning that the SimpleSigner is command line controlled. The SimpleSigner can therefore be integrated into each customer's individual application as a signature acquisition window without any additional programming required.

The SimpleSigner also offers multiple optional start parameters, e.g. to insert text onto StepOver signature pads screens or for the automatic cutting of the captured signature in order to optimise the space occupied by the stored image.

Add-ons for the SimpleSigner

An extension, which can be obtained by paying a fee, allows the SimpleSigner to control the StepOver eSignature-API and, with its help, sign PDF/A documents using command line controls. In this way, the signature functionality of the StepOver products can also be integrated into a customer application without additional programming required. The SimpleSigner only pops up as a signature acquisition window. From version 5.x, the SimpleSigner can also encode PDF/A documents with asymmetric encryption (up to 2048-bit RSA), which makes it highly suitable for setting up systems for advanced e-signatures.

Optionally, Tablet PCs for direct on-screen signing are supported in the SimpleSigner Tablet PC version, as well as graphics tablets and pen pads by other manufacturers with the Wintab/Tablet PC extension.

Product Catalogue page 17

Manufacturer: StepOver GmbH
Country of origin: Germany

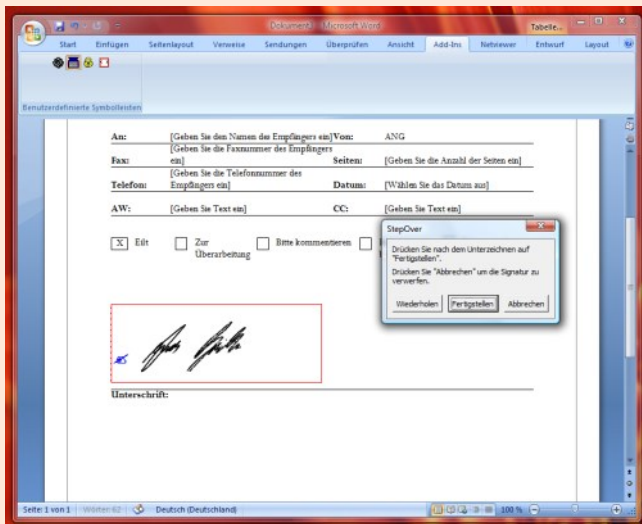
Further information and prices available from the following product link:

www.StepOverInfo.net/Simple



StepOver Word PlugIn Add a personal touch to your documents

A personal signature for your Word documents



This free StepOver Word PlugIn can be used to capture signatures with a StepOver signature device and insert them into a Word document.

The signature is recorded in bitmap format and inserted into your document as an image file.

The functions of the Word PlugIn



The plug-in installs four macro icons in MS Word. Functions of the macro icons from left to right:

- ✓ Configuration of the signature pad
- ✓ Acquisition and insertion of the signature
- ✓ Secure the document from modifications with password protection
- ✓ Set the default size for the signature field.

Documents signed with the StepOver Word PlugIn



can be displayed and edited in any Word application (without additional software).

Please note: The signed documents do not have any more legal validity with the inserted signature image than previously!



Product Catalogue page 18

Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices available from the following product link:

www.StepOverInfo.net/WordPlug

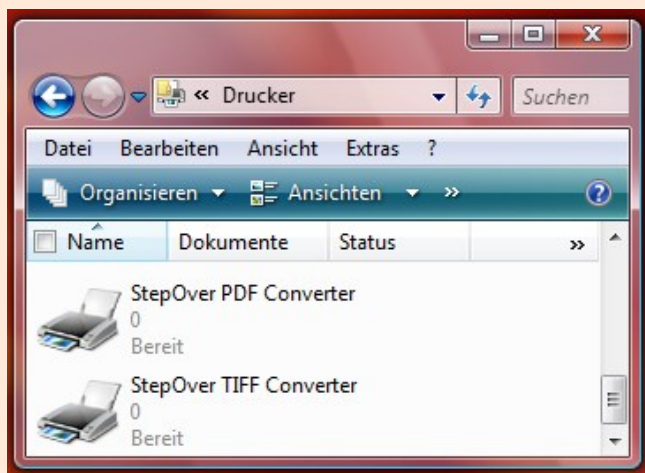




StepOver TIFF & PDF Converter

Virtual printer for the creation of
TIFF & PDF documents

Create a PDF and TIFF document from any printing application



The StepOver TIFF & PDF Converter consists of two virtual printers. These printers can be used for all printing applications in the same way as your usual printer.

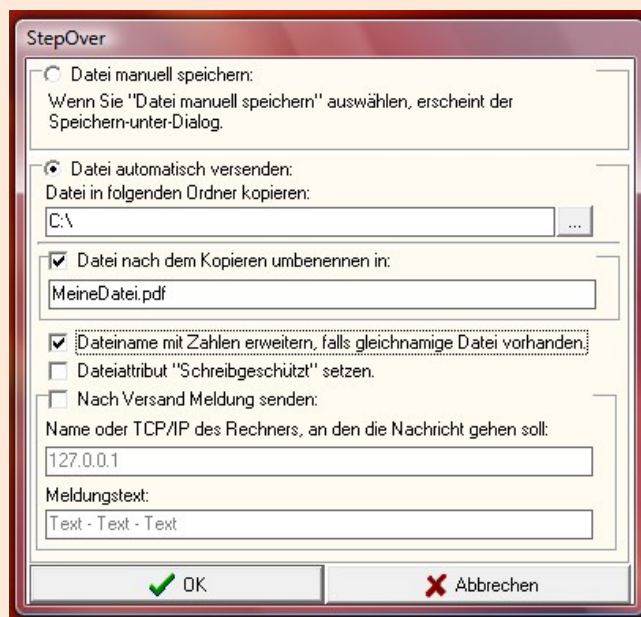
The StepOver PDF Converter produces a PDF file from the document; the TIFF converter a TIFF file. The PDF Converter generates a fully searchable PDF file (not an image PDF) with embedded fonts if necessary.

Additional functions

After printing on one of the converters, a "Save file as..." dialogue window appears by default. However, it is also possible to automatically copy the generated files into a specific directory and extend the file names with numbers if necessary. Alternatively, an external program can be called up, which can deliver the created document as a start parameter in order to enable further editing of the document after printing. In order to do this, the TIFF & PDF Converter has a configuration program where all the necessary settings can be adjusted. In this program, you can also set the resolution and format in which the TIFF converter creates the TIFF documents.

StepOver TIFF & PDF Converter characteristics at a glance:

- ✓ Creates a PDF or TIFF document from any printing application
- ✓ Supports Multipage TIFF in B/W or colour (G3, G4, Tiff 24nc Colour, TIFF pack)
- ✓ TIFF file resolution can be selected during set-up
- ✓ After printing, the plug-in can open the "Save as" dialogue, transfer the created document to the desired application or save it automatically to the specified location
- ✓ Free format selection up to DinA0



StepOver Device API

The universal and free interface for all StepOver signature pads

What the Device API achieves

The free API for signature devices provides a direct interface for communication with all StepOver signature pads, whether with serial, USB or encrypted HID connections. The signature device API offers you all the functions required to access the signature acquisition devices, record the signature and control the signature pad display and can also be accessed as DLL or OCX. In combination with the signature API, available for purchase, you can set up a software system for simple and advanced handwritten e-signatures with minimum programming effort.

With a licence (per workstation), available for purchase, the signature device API can also be used for access to Tablet PCs and pen pads/ graphics tablets through a Wintab driver (licence costs correspond to each installed workstation).



Interfaces (DLL and OCX)

The DLL interface can be easily integrated into C and Delphi applications.

The OCX interface can be operated from any programming language supporting OCX objects. It also offers a visual object for real time signature reproduction during the signing process, which can be integrated into your application, as well as any other graphic object (e.g. icon, image).

With the [eSignature-API](#) (subject to licence), you can also display pages from PDF documents on the StepOver pads with colour screen (sign directly on the page shown on the pad display as well as full support from scrolling and browsing on the signature pad) without you needing to worry about processing the PDF/A for display.

Licence fee-free for the entire term

The components required for the term can be obtained licence-free with your software. Alternatively, you can also integrate the available installer in your own setup. The installer can be executed through the start parameters "silent" and "unattended" (i.e. invisible for the user) and carries out all necessary registration steps for you.



Product Catalogue page 20

Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices are available from the following product link:

www.StepOverInfo.net/DevAPI

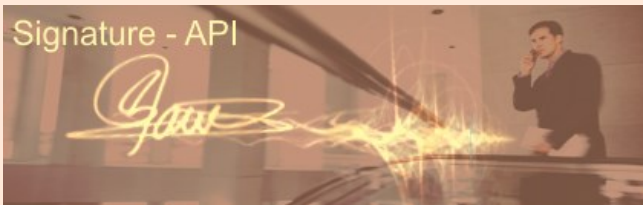




StepOver eSignature API

The central component for the setup of hand-written e-signature software

Specifications:



The StepOver Signature API is a programming interface for your individual software application for the electronic signing procedure of PDF and PDF/A documents. The signature API inserts biometric data, the electronically acquired signature image and the digital signature into the documents to be signed. By means of the e-signature API and the free signature [Device API](#), you can also create your own applications for simple and advanced e-signatures.

The eSignature API can be integrated invisibly in your application as well as used as a visual component. It can thereby display PDF/A documents and automatically take on most of the signature process.

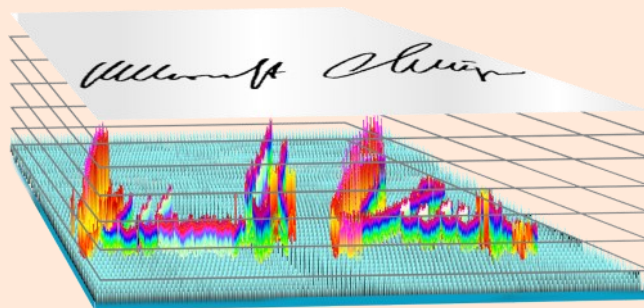
The eSignature API is an OCX component that is integrated into your application and can operate together with it. For its application, licence costs are incurred per workstation.

Unique features:

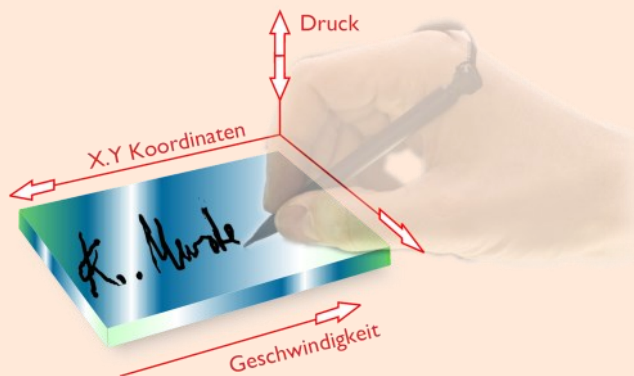
- ✓ Signing and controlling of PDF/A documents
- ✓ Secure checksum generation, e.g. with SHA256
- ✓ Embedding of the signature image and biometric data
- ✓ Possibility of contacting our developers
- ✓ The documents signed with the eSignature API are 100% compatible with [eSignatureOffice](#), [iSignatureOffice](#), [webSignatureOffice](#) and [Simple-Signer](#)

The signature in the document

In addition to the static signature image, which is visibly inserted into the document by means of the eSignature API, the encrypted dynamic biometric data is also embedded into the document with the document checksums (HASH).



This includes vertical, horizontal and pressure components, as well as temporal evolution including acceleration, etc. (4-dimensional data of the signature). These biometric data can later be used in case of a legal dispute or in real-time in case of an identity request. Verification based on a paper signature is also possible.



Product Catalogue page 21

Manufacturer: StepOver GmbH
Country of origin: Germany

Further information and prices are available from the following product link:

www.StepOverInfo.net/SigAPI



StepOver Accessories

Supplements and replacement parts
for StepOver signature pads

naturaPen



Plastic pen made of special material. The naturaPen is extremely abrasion-resistant and effectively protects the sensor from scratches. Moreover, the material used is food-safe. As a replacement or accessory for use with all StepOver signature pads in the naturaSign Pad series.

BigPen - pen sleeve



BigPen - pen sleeve for the naturaPen (standard pen). A rapid and easy-to-mount option for using a thicker pen. Like the naturaPen, the BigPen - pen sleeve is abrasion-resistant and has sensor protection. Can be used with any signature pad from the naturaSign Pad series.

Note:

Note that the pen storage for Stepover signature pads cannot be used together with this case. The delivery content includes only a black pen sleeve without standard pen (naturaPen). The transparent pen sleeve is not for sale and is only for illustration.

Protective case for naturaSign Pad Classic



The protective case for the naturaSign Pad Classic is made of high-quality recyclable plastic (polyamide) material and has been especially developed to meet the high demands of intensive use in harsh conditions. The protective case contains space for the signature device and the required USB connecting cable.

Note:

This protective case is already included in the delivery contents of the naturaSign Pad Classic. However, within the framework of client-specific project deliveries, the protective case can be excluded. If you have not received the naturaSign Pad Classic with the standard delivery by StepOver GmbH, or if you require a replacement case, you can also order this item separately.



Product Catalogue page 22

Further information and prices are available from the following product link:

www.StepOverInfo.net/Acc



StepOver Accessories

Supplements and replacement parts for StepOver signature pads

**USB cable for naturaSign Pad;
length 1.80 m**



USB cable on mini USB for signature pads in the naturaSign Pad series. High-quality USB 2.0 cable (black) with practical Velcro for fastening and storage. Length: approx. 180 cm. A cable is already included in the delivery contents of each pad in the naturaSign Pad series. Only if you need a replacement cable or would like to leave a cable permanently attached to a computer (e.g. desktop computer) will you need this item.

- ✓ naturaSign Pad Colour
- ✓ naturaSign Pad Classic

**USB cable on micro USB; length
1.80 m**



USB cable on micro USB for signature pads naturaSign Pad Mobile, Comfort and Flawless. High-quality USB 2.0 cable (black) with Velcro for fastening and storage. Length: approx. 180 cm. A cable is included in the delivery contents of each pad in the naturaSign Pad series. Only if you need a replacement cable, or would like to leave a cable permanently attached to a computer (e.g. desktop computer) will you need this item.

- ✓ naturaSign Pad Flawless
- ✓ naturaSign Pad Comfort
- ✓ naturaSign Pad Mobile

**USB cable on Micro USB with
right-angle plug**



USB cable on micro USB with right-angle plug is for the naturaSign Pad Flawless. High-quality USB 2.0 cable (black) especially for use in a fixed location. Length: approx. 1.80 m. This cable is included in the standard delivery contents of the naturaSign Pad Flawless. Only if you need a replacement cable or a second cable will you need this item.

- ✓ naturaSign Pad Flawless

Product Catalogue page 23

Further information and prices are available from the following product link:

www.StepOverInfo.net/Acc



Contact Information & Legal Notice

Information and Contact

If you are interested in our products, would like to receive more information, or watch a live presentation of our software, we are at your service! You can reach us:

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<http://www.StepOver.de>

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