

## StepOver Hardware and Software General Catalogue featuring products for handwritten e-Signatures



### Unique position feature of our products:

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

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

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

The biometric signature of StepOver is more secure than the paper version. In order to ensure that these signatures have legal status, StepOver GmbH electronic signature products have been validated by independent handwriting experts, authorised by a court of law.

In addition to these features, at present only StepOver GmbH signature pads and software make general use of the **secAsym** procedure for certification purposes. This procedure provides the highest levels of security available on the market for signature pads and the communication between software and hardware. **secAsym** guarantees the best protection for the signature system against attacks from virus infections, trojans or hackers on the computer on which the signature recording software is installed. Only this type of protection offers the user sufficient security during the validation process by means of the document’s handwritten electronic signature.

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# natura Sign Pad Standard

**The best for portable services and public service counters**

1. Wider, scratch resistant writing surface, appropriate for recording signatures for ID cards, including double-barrel names.
2. Pen held on a strong chord and inserted in the side of the apparatus for safety during transport of the pad.
3. Pen holder on the front, ideal for use at public service counters.
4. Status lights (orange=ready /green=capturing signature)

**Stability, ergonomics and aesthetics**


The first LCD pad that is as thin as a CD case, yet at the same time offers stability. Its high strength is due to the specially reinforced sides: 40% of its 10mm depth is dedicated to reinforcing the casing.

1. Thanks to the standard mini-USB port, there are no more problems with the length of the cable. While desktop computers often require a long connection cable, with laptops, a shorter cable is more comfortable. With this port, there is also no more discomfort with having to connect the cable under the table in fixed workplaces. You can choose.

**The ideal sign pad for right-handed people...**

The ample space to rest your hand next to the slightly off-set writing sensor, and the ultra-flat structure mean that for the first time the position of the hand is as natural as you were writing on paper.

**...and for left-handed people**

Thanks to the "turn" symbol  on the screen, it can be turned, as can the sign pad. The slightly offset writing sensor with space to rest your hand means that left-handed people can also sign in ergonomic comfort.

**The most secure pads in the world, "made in Germany"**

Encrypted data transfer (AES-256 Bit)  
Resolution: 800 dpi (real)  
Accuracy of measurements: 500 coordinates in 4 dimensions, each second (X,Y, pressure and time)  
Internal Clock for Date-Stamp  
256 pressure levels

Holes to fix the pad to the table or wall

This pad offers the highest quality and security. Developed and produced in Germany. Among the security features not to be missed are the encrypted transfer of data between the sign pad and the software, to meet exacting standards, and the high optical, temporal and pressure resolution. It is the only way to sign safely, in accordance with strict EU directives.

**Other details:**

Pen: Does not require special care  
Pressure: uniform reading of pressure, even at the edges  
Screen: LCD (for text, images and keys)  
Measurements (width x height x depth): 15 x 12 x 1 cm  
Connection: USB. 180 cm cable included  
Guarantee: 2 years

**Certification/permits/conformity**

- CE (requirement for use in the EU)
- FCC (requirement for use in the USA)
- Conforms to ROHS
- WEE registration DE 27870259
- secAsym certificated (meets the secAsym procedure security standards)
- Graphological certification of the quality of the signatures.
- Individual quality control test: each sign pad is tested before it is released. The test protocols and measurements are available to clients on request.

Product:  
natura Sign Pad Standard

Order number EAN  
4260130060237

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## StepOver plusPad with LCD Screen

### This signature pad has everything you will ever need:

The StepOver plusPad with LCD screen combines pioneering security features (time stamp, hardware-ID, etc.) with the extra comfort offered by LCD signature pads. The LCD display provides a writing sensation similar to that on a sheet of paper.



User interaction by touching symbols or display texts can be easily implemented. The signature data acquired with the pad are time stamped in GMT with an integrated, tamper-free time clock. Each plusPad has its own hardware-ID (serial number), which allows every signature to be mapped to a specific signature pad.

The signature data is acquired in the signature pad, encrypted and transmitted together with the hardware-ID and the time stamp. The plusPad also assigns a completely unique process-ID to each signature, which can be used for further processing in workflow and data management systems. It is ideally suited to application in the automatic verification of acquired biometric data due to its exceptionally high resolution.

### The unique position features at a glance:

- Signature acquisition with unbeatable precision (optimum image resolution, pressure and time evolution) for the highest possible comparability by a signature expert.
- Suitable for right- and left-handers.
- Encrypted transmission with individual device-ID.
- QVGA graphics (LCD) screen with backlight for the display of signatures, texts, document extracts and interactive icons.
- Two function buttons (e.g. applicable for “signature OK” and “Repeat signature”).
- Internal real time clock for computer independent date stamp.
- No special pen required (no batteries or risk of cable cut).
- Equipped with the StepOver *Extreme Long Life Sensor*.
- *secAsym<sup>sm</sup>* certified for secure asymmetrically encrypted advanced e-signatures compliant with the *secAsym<sup>sm</sup>* standard.

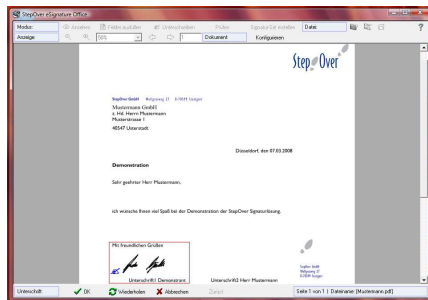
Product:  
plusPad LCD Seriell  
plusPad LCD USB

Order number EAN  
4260130060077  
4260130060084

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## eSignatureOffice – The completely adaptable and automatable solution for handwritten e-signature

### eSignatureOffice leads the market

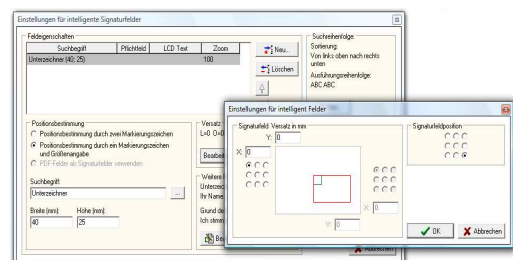


Active signature field

With over 100,000 installations operating in the areas of insurance, banking, industry and health care in Germany alone, eSignatureOffice is 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 and TIFF documents and does not require any additional third-party software products.

### The complete Office for creating and signing TIFF and PDF documents

eSignatureOffice enables the display and signing of TIFF and 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 now be filled out and stored in eSignatureOffice. UsingsecAsym certification and implementation procedure, eSignatureOffice is able to provide the highest possible security through bi-asymmetric encryption. The support of symmetric and asymmetric encryption (up to 4096 bit RSA) makes eSignatureOffice suitable for systems with "simple" and "advanced" e-signatures.



Positioning of a text field

### eSignatureOffice makes your workflow easier:

- Intelligent signature templates automatically find the positions in which signatures are required, even in dynamically generated PDF 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.

#### Order product:

##### Version

eSignatureOffice Standard 3.x  
eSignatureOffice Tablet-PC 3.x  
eSignatureOffice Wintab/Tablet-PC 3.x

##### Order number (EAN)

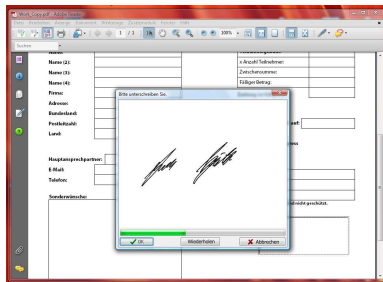
4260130060190  
4260130060206  
4260130060213

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## StepOver PDF-PlugIn – The perfect integration of the e-signature in your Adobe Reader or Adobe Acrobat application

The StepOver PDF PlugIn enables the user to sign Adobe Acrobat and Adobe Reader, and to provide SAP Interactive Forms with the personal electronic signature.

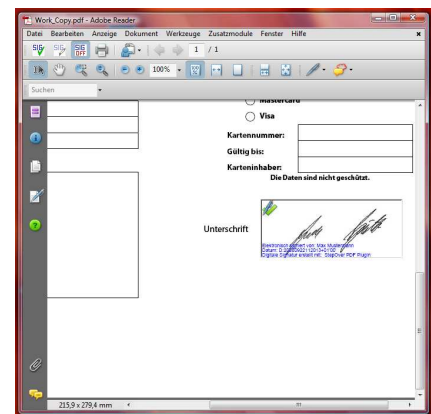


Due to the integration in SAP Interactive Forms, from now on SAP users can sign electronically in a seamless and secure way. The costly feedback of signed paper documents is completely unnecessary with the electronic scan system. Since SAP Interactive Forms are based on Adobe technology and Adobe Reader or Adobe Acrobat products are used as viewers, users of exclusive Adobe resolutions also enjoy the advantages of the StepOver PDF PlugIn. This way, the StepOver PDF PlugIn can also be applied outside SAP for signing PDFs in Adobe Acrobat or in systems with

Adobe LiveCycle Forms (former Adobe Form Server).

### Easy integration and automation

Signature fields can also be applied easily and rapidly by means of the Adobe Life Cycle Designer in XFA forms without programming efforts. Through other invisible form fields in the document, optional control parameters can be assigned to the plug-in in order to automate the signature process and adjust the presetting. Moreover, domain signatures are supported. The support of symmetric and asymmetric encryption (up to 4096 bit RSA) makes the StepOver PDF PlugIn suitable for systems with “simple” and “advanced” e-signatures.



Embedded signature with automatically generated signature stamp

Moreover, the StepOver PDF PlugIn offers you the following:

- Supports all relevant form types, e.g. PDF/A, PDF, XFA, Acroform and domain signatures
- Ad-Hoc signature (from version 8.1.2)
- Manual or automatic signature verification
- Citrix capability: Due to the optionally available StepOver Citrix Clients (for MS Windows Clients), the StepOver PDF PlugIn can also be perfectly integrated into a Citrix Terminal Server solution.

### Order product:

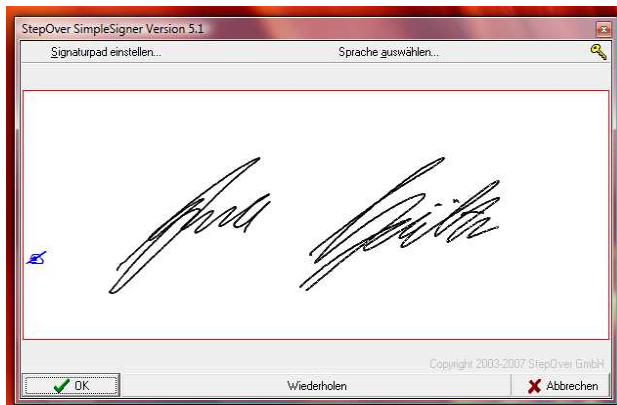
Version	Order number (EAN)	Version	Order number (EAN)	StepOver GmbH
PDF-Plugin Basic Standard 5.x	4260130060343	PDF-Plugin Asym Standard 5.x	4260130060374	Otto-Hirsch-Brücke
PDF-Plugin Basic Tablet-PC 5.x	4260130060350	PDF-Plugin Asym Tablet-PC 5.x	4260130060381	D-70329 Stuttgart
PDF-Plugin Basic Wintab/ Tablet-PC 5.x	4260130060367	PDF-Plugin Asym Wintab/ Tablet-PC 5.x	4260130060398	Tel.: 0700/StepOver
				www.StepOver.de

## StepOver SimpleSigner – Command line controlled integration of secure handwritten e-signatures in your application

### Easy acquisition 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 and TIFF documents using the SimpleSigner command lines.

### The basic function of the StepOver SimpleSigner



Signing process in 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 offers multiple optional start parameters, e.g. to insert text onto StepOver signature pad screens, for the automatic cutting of the recorded signature to optimise the space occupied by the stored image, etc.

### Add-ons for the SimpleSigner

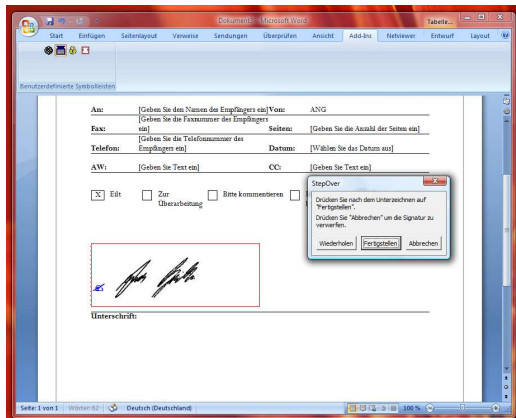
An extension, which can be obtained by paying a fee, allows the SimpleSigner to control the StepOver Signature-API and, with its help, sign TIFF and PDF documents using command line controls. This way, the signature functionality of the StepOver products can also be integrated into a customer application without additional programming required. The SimpleSigner only pops up as a signature acquisition window. From version 5.x, the SimpleSigner can also encode PDF and TIFF documents with asymmetric encryption (up to 4096 bit RSA), which makes it highly suitable for the setup of systems with 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 of other manufacturers in the SimpleSigner with the Wintab/Tablet PC extension.

#### Order product:

Version	Order number (EAN)	Version	Order number (EAN)	StepOver GmbH
SimpleSigner Basic Standard 5.x	4260130060251	SimpleSigner Asym Standard 5.x	4260130060282	Otto-Hirsch-Brücke
SimpleSigner Basic Tablet-PC 5.x	4260130060268	SimpleSigner Asym Tablet-PC 5.x	4260130060299	DE-70329 Stuttgart
SimpleSigner Basic Wintab/ Tablet-PC 5.x	4260130060275	SimpleSigner Asym Wintab/ Tablet-PC 5.x	4260130060305	Tel.: 0700/StepOver www.StepOver.de

# StepOver Word PlugIn – Add a personal touch to your Word documents



Signing process with the StepOver Word PlugIn

## A personal signature for your Word document

This free plug-in can be used to acquire signatures with a StepOver signature pad and then 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. These perform the following tasks:

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



Macro icons



Documents signed with the Word plug-in can be displayed and edited (without additional software) in any Word application.

Bear in mind the following:

The signed documents do not have more legal validity with the inserted signature image.

### Order product:

Version  
MS Word PlugIn 3.x

Order number (EAN)  
4260130060183

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## StepOver TIFF & PDF Converter – Virtual printer for the creation of TIFF and PDF documents

### Create a PDF or TIFF document from any printing application



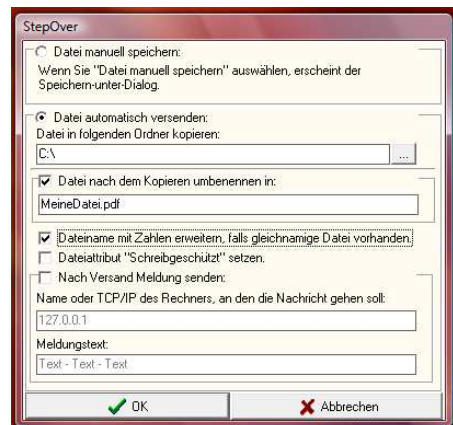
Printer - TIFF & PDF Converter

The StepOver TIFF & PDF Converter consists of two virtual printers. This printer 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 and the TIFF converter a TIFF file. The StepOver PDF converter generates a fully searchable PDF file (not a PDF image) with embedded fonts if necessary.

### Additional functions

After printing to 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. 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 includes a setup 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.



The dialogue window for the configuration of the action "Save as"

### 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 setup
- 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

#### Order product:

Version  
TIFF & PDF Converter 3.x

Order number (EAN)  
4260130060183

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## StepOver Signature Device API – The universal and free interface for all StepOver signature pads

### What the Signature Device API achieves

The free API for signature devices provides a direct interface for communication with all StepOver signature pads, 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 e-signatures with minimum programming effort.

With a licence, 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 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).



Establish connection with a signature device

### Royalty-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.

#### Order product:

Version  
Signaturgeräte-API 3.x

Order number (EAN)  
4260130060121

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## 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.

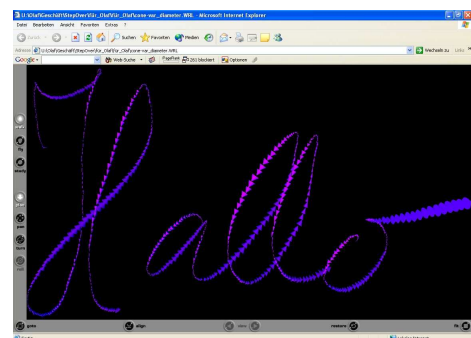
The signature API is an OCX component that is integrated into your application and can operate together with it. Licence costs are incurred for its application per workstation.

### 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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## StepOver Accessories

### Protective case for StepOver signature pads



The StepOver protective case with Velcro fastener is composed of a textile cover (Supratex 1000) with a 5 mm foam layer for shock absorption and reinforcements in the front and back parts to protect the sensors. The StepOver protective case contains space for your signature pad, including the connecting cable, and can be used for the following pad types:

- naturaSign Pad Standard
- plusPad LCD USB
- plusPad USB and serial
- blueMobile Pad LCD USB
- blueMobile Pad USB and serial
- LE-Pad Pad USB and serial
- bluePad USB and serial
- DIGANT ePad Standard
- DIGANT ePad Ink

### Protective case for signature pads

Order number (EAN): 4260130060107

### Protective case for naturaSign Pad Standard



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

#### Note:

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

#### Protective case for naturaSign Pad Standard

Order number (EAN): 4260130060244

### Table and wall mounting set for all StepOver signature pads



This table and wall mounting set enables you to install your StepOver signature pad on a table or fix it to a sloping surface, in order to secure the device against theft. The table and wall mounting set contains drilling jigs for the pad support, as well as the necessary fixing material (screws and safety bolts).

The table and wall mounting set can be used in combination with the following pad types:

- naturaSign Pad Standard
- plusPad LCD USB and serial
- plusPad USB and LCD
- blueMobile Pad LCD USB and serial
- blueMobile Pad USB and serial

### Table and wall mounting set

Order number (EAN):

4260130060220

## StepOver Accessories

### USB serial adapter



The StepOver USB serial adapter converts your serial signature pad into a USB device. The required driver for Windows is already included in the software products of StepOver GmbH. You simply connect the serial connector of your signature pad with the USB serial adapter and plug it into a free USB slot on your computer. Compatible with the following pad types:

- plusPad LCD serial
- plusPad serial
- blueMobile Pad LCD serial
- blueMobile Pad serial
- LE-Pad Pad serial
- bluePad serial

### USB serial adapter

Order number (EAN): 4260130060114

### USB cable for naturaSign Pad; length 1.80 m (71 inch)



USB cable on mini USB for signature pads of the naturaSign Pad series. High quality USB 2.0 cable (black) with Velcro for fastening and storage. Length: approx. 180 cm (71 inches). A cable is already included in the delivery contents of each pad of the naturaSign Pad series. You will only need to order this article if you need a replacement cable or if you would like to leave a cable permanently connected to a computer (e.g. desktop computer).

### USB cable; length approx. 1.8 m (71 inch)

Order number (EAN): 4260130060497

### bluePen



Plastic pen (as a replacement or accessory) for application with the following types of StepOver pads:

- plusPad LCD USB and serial
- plusPad USB and LCD
- blueMobile Pad LCD USB and serial
- blueMobile Pad USB and serial
- LE-Pad Pad USB and serial
- bluePad USB and serial

### bluePen

Order number (EAN): 4260130060091

## StepOver Accessories

### naturaPen



Plastic pen made of special material. The pen is extremely abrasion resistant, whilst at the same time it protects the sensor from scratches. Moreover, the material used for naturaPen is safe. Used as a replacement or accessory for application with all StepOver signature pads of the naturaSign Pad series.

### naturaPen

Order number (EAN): 4260130060480

## Further Information

### 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:

#### By telephone:

Telephone: **0700 StepOver** (€ 0.12 / min. from the German fixed network)

or

Outside Germany: **+49 (0) 711 12026930**

#### By Fax and E-Mail:

Fax: **+49 (0) 711 12026931**

E-mail: [info@stepover.de](mailto:info@stepover.de)

#### Via our website:

[www.StepOver.de](http://www.StepOver.de)

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Modifications and errors excepted.

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