

01'18

GiS NEWS



Embroidery Software Partners

BasePac 10

Dear Customers,

More than 5 years now a large amount of installations of the embroidery software BasePac8 is in use.

Now the time has come to make this application ready for new skills-

Today we will show all the news things included in BasePac10.

All news and bug fixes can be found in the Internet also, please look at
<http://www.gis-net.info/gis2004/embroidery/englisch/Updates-Patches.htm>

Enjoy yourselves while reading and testing!

Your GiS-Team

Data management: now Windows like

Background:

Until now the design management in BasePac was done as special design database based on short filenames.

The design had been sorted in folders per drive.

Each design had been stored in multiple files.

This means for the user, that the design data could be copied or moved only using the possibilities available in BasePac.

The embroidery database was a long cherished relict, partly coming from DOS ages. In that former time it was pioneering to have a graphical design selection with pictograms, and to get away from the boring 8 digit file names, this database was more and more a hindrance for extensions.

Today we can trust in the windows conformity of the file management.

Therefore also functions are implemented to Windows explorer which make it possible additional information like graphical thumbs and comments are shown directly in Explorer and so use the whole functionality of the windows desktop.

The organization of designs is no more strictly categorized, every user is able to freely use its specific structure.

Designs are directly opened and stored, also the conversion of embroidery designs to and from the different embroidery data formats is now transparently done.

Today the manufacturer specific non windows compatible disk formats do not matter anymore, actual windows installations are not able to access such disks, so we decided to skip the support for such formats.

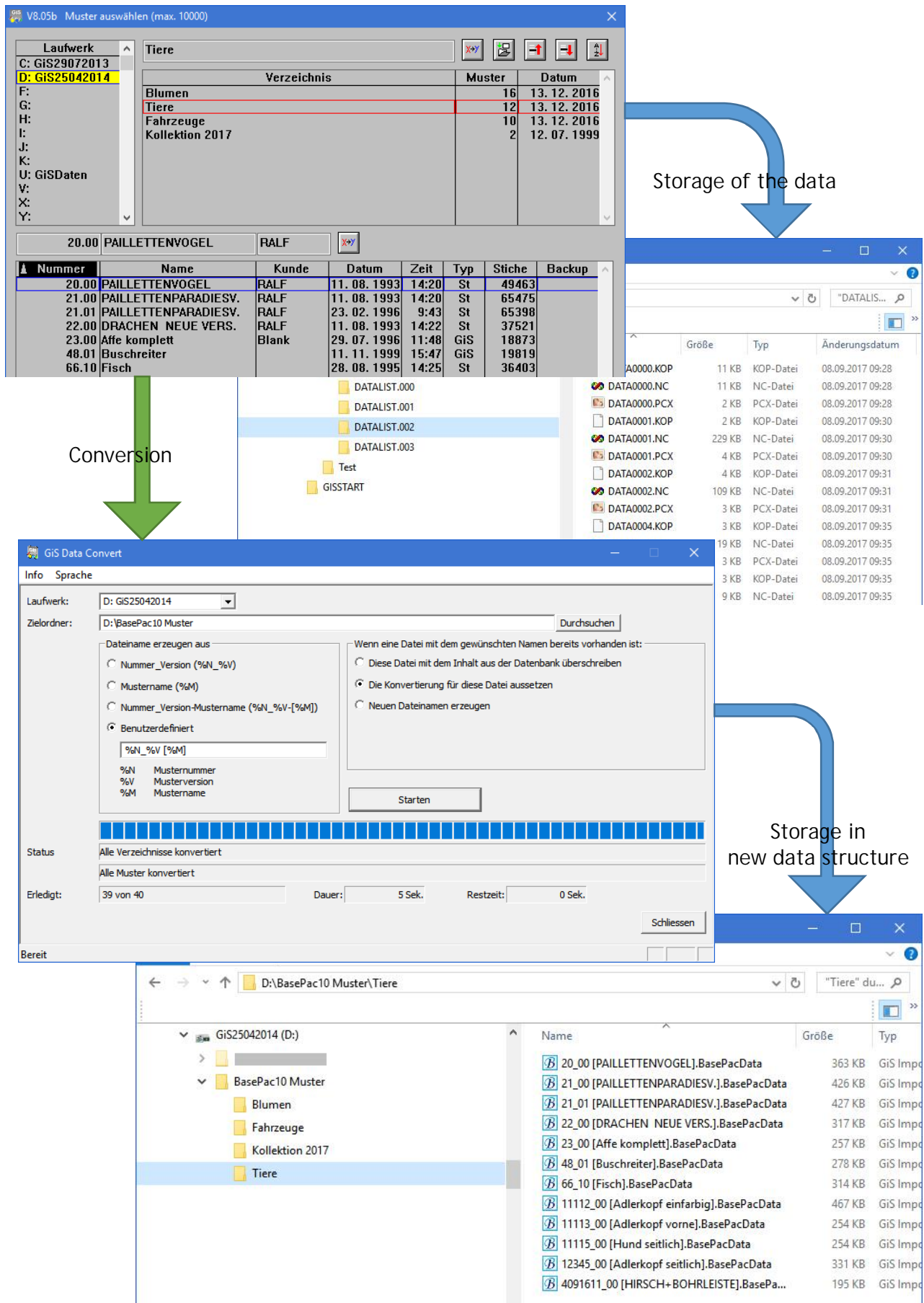
Coverion of design data:

Of course an automatic conversion program to convert the database of existing customers to the new data administration is included in the package. Using this the designs in the old database are kept.

The conversion is done for each drive separately and converts automatically all designs of a database.

To do so, all directories of the existing database are added as windows forlders where the directory name is used as folder name. The designs are stored as files in these folders, where the user can select if and how Design number and Design name are used as file names.

Existing database



Options: simplified and optimized

The diversified options in BasePac had been reduced and attractive packages for every user are created.

BasePac10 is available in 4 expansion stages:

BasePac "Base"

Base program with complete lettering function, editing of existing designs and printing of designs and catalogs.

BasePac "Premium"

In addition to the functions of BasePac "Base" the punching software with automatic design creation "ACE Automatic Computed Embroidery" is included.

BasePac "Professional"

Based on the BasePac "Premium" functions, additional punching possibilities with high quality special effects like curved fill and automatic sequin embroidery are added. Also the automated export to non ZSK embroidery machines is integrated.

BasePac "Technology"

Using this, the BasePac "Professional" version is extended with functions for technical embroidery as well as functions to create and edit shiffli designs.

Design info: Central point for information about the design

The new design info page shows lots of information about the design, color settings, settings for machine types or setup of parameters for special machines are possible.

Design information

Design description

Design number: . 16

Name:

Description:

Order:

Customer:

Customer number:

Created by:

Changed by:

Price:

Base material:

Search phrase:

Comments:

Size:

starting point:

ending point:

Statistics

SF Histogram

Statistics

Needle colours

Needle	Code	Color
✓ N 1	Madeira-Classic40-2014:1024	Orange
✓ N 2	Madeira-Classic40-2014:1005	Yellow
✓ N 3	Madeira-Classic40-2014:1010	Light Green
✓ N 4	Madeira-Classic40-2014:1012	Light Blue
✓ N 5	Madeira-Classic40-2014:1023	Yellow
✓ N 6	Madeira-Classic40-2014:1000	Black
N 7	:0000	Black
✓ N 8	Madeira-Classic40-2014:1001	Black
✓ N 9	Madeira-Classic40-2014:1000	Black
N 10	:0000	Cyan
N 11	:0000	Red
N 12	:0000	Magenta
N 13	:0000	Yellow
N 14	:0000	Black
N 15	:0000	Blue
N 16	:0000	Black
N 17	:0000	Black
N 18	:0000	Green
N 19	:0000	Cyan
N 20	:0000	Black
N 21	:0000	Black

Design type

☒ Multithread ☐ Shiffli

Machine data

Machine type:

Head distance: mm

Nr. of heads:

Traveling distance: mm

Start conditions

Startneedle:

Head type:

☐ Setup W-Head Parameter

☐ Set K-Head Parameter

Additional functions

☐ rpm ☐ Head selection

☐ Borer ☐ Sequin

☐ Reduced Speed ☐ Wire guard

Background

Sequins

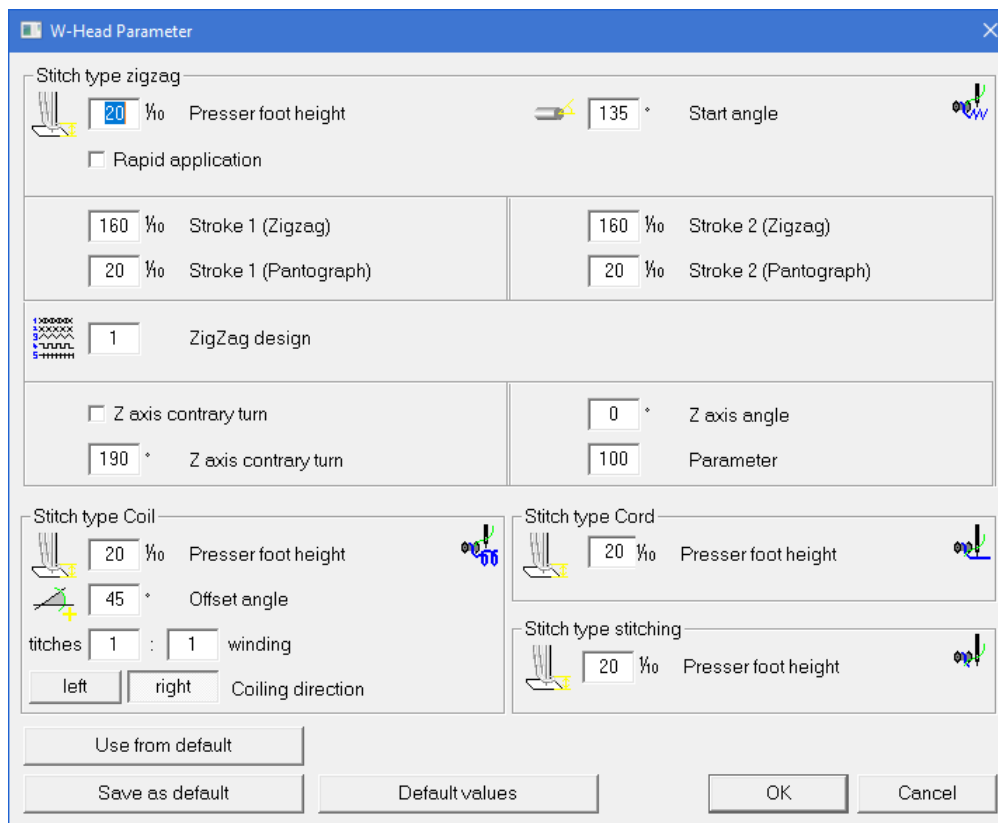
	left	right
top	<input type="text"/>	<input type="text"/>
bottom	<input type="text"/>	<input type="text"/>

Collection:

OK Cancel

☐ call automatically at new design

Especially if different machine heads are used with special settings, it is now possible to set these during creation of the design and transfer them via ZSK Transport code to the machine.



W-Head Parameter

Stitch type zigzag

% Presser foot height ° Start angle

☐ Rapid application

<input type="text" value="160"/> % Stroke 1 (Zigzag)	<input type="text" value="160"/> % Stroke 2 (Zigzag)
<input type="text" value="20"/> % Stroke 1 (Pantograph)	<input type="text" value="20"/> % Stroke 2 (Pantograph)

ZigZag design

☐ Z axis contrary turn ° Z axis angle

° Z axis contrary turn Parameter

Stitch type Coil

% Presser foot height ° Offset angle

titches : winding

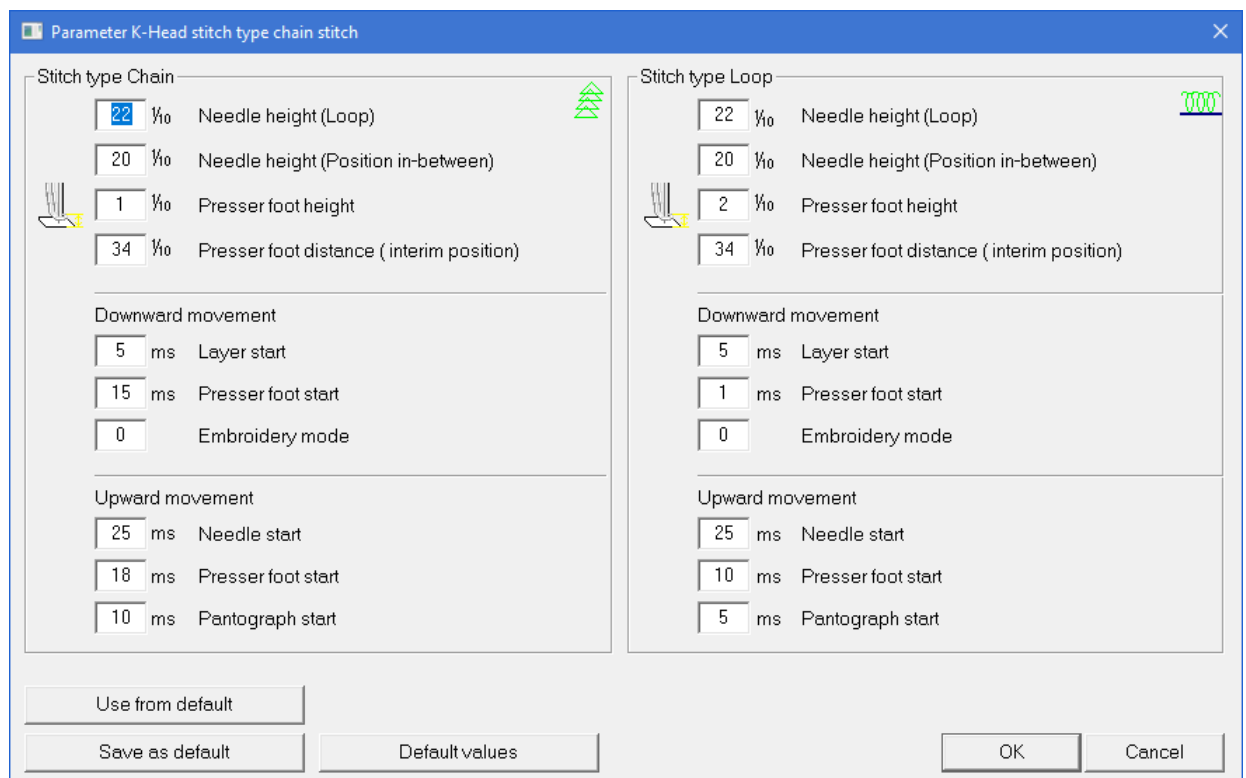
Coiling direction

Stitch type Cord

% Presser foot height

Stitch type stitching

% Presser foot height



Parameter K-Head stitch type chain stitch

Stitch type Chain

% Needle height (Loop)

% Needle height (Position in-between)

% Presser foot height

% Presser foot distance (interim position)

Downward movement

ms Layer start

ms Presser foot start

Embroidery mode

Upward movement

ms Needle start

ms Presser foot start

ms Pantograph start

Stitch type Loop

% Needle height (Loop)

% Needle height (Position in-between)

% Presser foot height

% Presser foot distance (interim position)

Downward movement

ms Layer start

ms Presser foot start

Embroidery mode

Upward movement

ms Needle start

ms Presser foot start

ms Pantograph start

Lettering: important details improved

The connection lines to additional contours like I dots or dots on "Umlaut" are now selectable to be never cutted to optimize embroidery run.

In the template function the embroidery parameters for condensed font can be set up separately to optimize stitching of condensed fonts.

Punching: improvements at all places

Contours like holes, islands and additional contours are now not only possible to be duplicated, they also can be mirrored or rotated in 90° steps.

At segmented input an additional calculation routine is implemented which allows center line underlay and free start and end point.

ACE: upgraded

Now in Line ACE function, which is using vector graphics in automated embroidery, automatically loops in contours are removed and replaced by extra contours. With this the feasibility quote was improved.

Stitch calculation: further optimization

At structured fill it is now possible to stop filling earlier to avoid overfilling. This helps also at TrueType fonts to improve the typeface.

Overlap between contour parts is optimized.

Editor: Needle / Stop assignment

In the assignment list now also a repetition is possible to make needle repetitions faster.

At stretch and rotate dialog the change ins size can be set to be proportional.

More news in a few words:

Maximum needle count:

Now in BasePac designs might include up to 999 different needles. This is a unique advantage especially at high quality large format designs, because such designs which are often embroidered with very much different threads to get realistic colors like photos or paintings are now also possible to be shown in real colors in the punching software.

Output to ZSK Machines:

At output to ZSK machines, in Monogramm mode (Ringbuffer) or direct storage to ZSK Memory the restriction to 15 needles is gone and now designs can be loaded fitting to the machines with more than 15 needles per head.

You will find more changes and bug fixes in the internet under:
<http://www.gis-net.info/gis2004/embroidery/englisch/Updates-Patches.htm>