



Release Notes



For: e3.0F

Overview

Welcome to Wilcom **DecoStudio**® e3.0, the leading embroidery design software application for the decorated goods industry. **DecoStudio** is tailored to new business startups who require uncomplicated software capable of delivering professional results. It will also suit market entrants, such as screen printers, who wish to add embroidery to their design capabilities. No other product in this market provides the flexibility of Wilcom **DecoStudio**® e3.0 in creating designs for both embroidery and multi-decoration.

DecoStudio offers an efficient, user-friendly approach to embroidery design by combining the embroidery capabilities of Wilcom embroidery software with the graphical capabilities of the CorelDRAW®. It is easy to learn and use, and does not require specialist embroidery skills. While it provides an embroidery design solution, it also integrates with existing printing processes, enabling swift inter-conversion of printing and embroidery designs, as well as full integration of multi-decoration designs.

Wilcom **DecoStudio**® e3.0 at a glance

Wilcom **DecoStudio**® e3.0 is a major new release of Wilcom's suite of embroidery and multi-decoration software products. The main emphases of this release are:

- ◀ Modular products and elements for greater choice and flexibility
- ◀ Application support for updates and upgrades online
- ◀ Enhanced Wilcom EMB 'ecosystem'
- ◀ New CorelDRAW X6 features
- ◀ Enhanced Corel-Wilcom presentation and integration
- ◀ Revised user interface for improved usability - easier, more productive
- ◀ New and improved functionality for embroidery, bling, and print
- ◀ Improved embroidery and bling lettering
- ◀ New virtual decoration element
- ◀ Multi-user network dongle
- ◀ Improved convenience & logistics
- ◀ New TrueSizer Web – EMB ecosystem online

These release notes

These release notes provide an overview of new and improved features in the Wilcom **DecoStudio**® e3.0 product range. Direct links are provided to the Wilcom **DecoStudio** Onscreen Manual which contains detailed instructions on all product features. Every effort has been made to ensure the accuracy of these notes but screen illustrations may vary from screen layouts generated by the software. Some features are standard across the product range, some are cost options, others are only available in certain product levels.



Tip When viewing these Release Notes on screen, click the cross-references to link directly to your Onscreen Manual. To return to the Release Notes, click the **Go to Previous View** button in Acrobat Reader.

Product Enhancements

Wilcom **DecoStudio**© e3.0 contains enhancements in the following areas:

- ◀ Products & elements
- ◀ Enhanced work environment
- ◀ Enhanced digitizing
- ◀ Enhanced design viewing
- ◀ Improved lettering
- ◀ Usability improvements
- ◀ Interface improvements
- ◀ Miscellaneous improvements

Products & elements





Wilcom **DecoStudio**© e3.0 provides a restructured modular approach to products and options to better suit the needs of the market.

Wilcom DecoStudio products

Wilcom **DecoStudio**© e3.0 comprises two core products:

- ◀ **DecoStudio** product
- ◀ **DecoStudio Lite** product

Additionally, **DecoStudio** offers a number of optional 'Elements' for enhanced productivity and decoration processes.

Element	Description	Reference
Productivity		
 Standard Offsets	Embolden logos, badges and other designs with distinctive, colorful borders.	Creating simple offsets
 Team Names Standard	Team Names lets you take a single design and personalize it with names from a list – similar to a form letter – ready for stitching.	Team Lettering
Decoration		
 Bling *	Use any combination of stones, sizes and colors to light up your design.	Bling Digitizing
 Virtual Decoration	Bring the look of embroidery to your printed designs.	Virtual decoration with high-res TrueView
* Available in both DecoStudio and DecoStudio Lite		

Enhanced TrueSizer

Wilcom TrueSizer is a universal file conversion tool offering full compatibility between industrial and domestic embroidery file formats, as well as full design scalability. It is now available cost free in two forms:

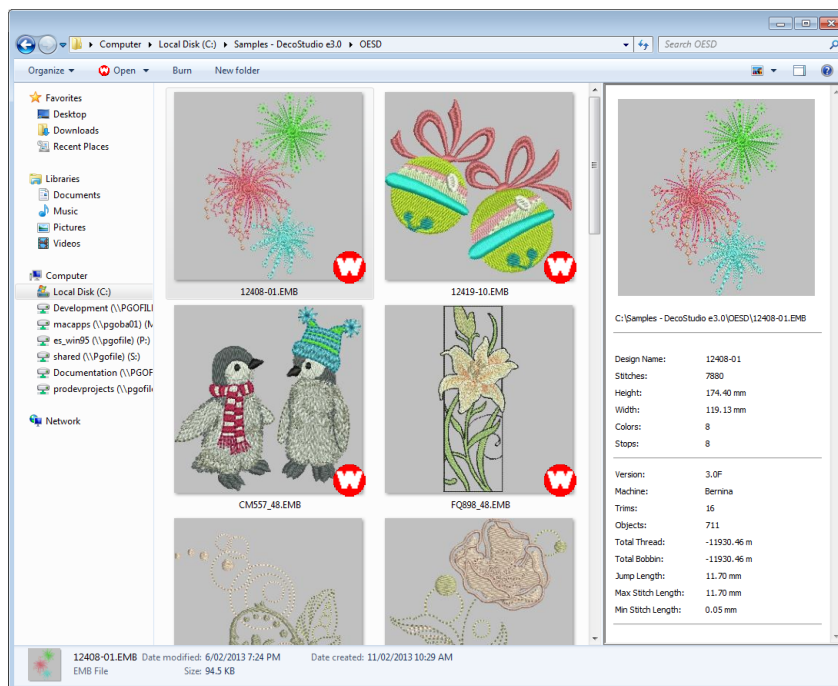
- ◀ TrueSizer – free download desktop software
- ◀ TrueSizer Web – free online web service

Enhanced work environment

Wilcom **DecoStudio**© e3.0 offers significant improvements in overall system design.

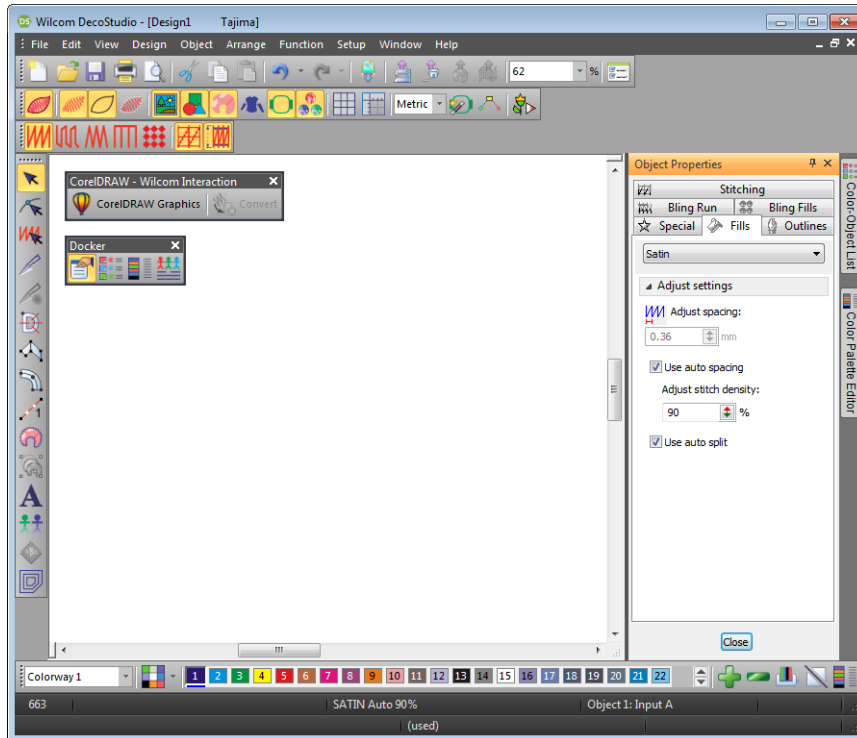
Enhanced Wilcom EMB 'ecosystem'

Wilcom **DecoStudio**© e3.0 now provides extra large **TrueView** thumbnails of designs in Windows Explorer. Thumbnails include all viewable design elements, including multi-decoration.



Enhanced user interface

Wilcom **DecoStudio**© e3.0 has a new color scheme and a greatly improved user interface in keeping with its partner product CorelDRAW® Graphics Suite X6. See also [Interface improvements](#).



Benefits include:

- ◀ Faster startup by 30 to 50% – 25-30 seconds on i7 Windows 7 PC
- ◀ Revamped interface:
 - ◀ Improved grouping of related functions and toolbar buttons
 - ◀ Bigger brighter icon buttons
 - ◀ Easier screen configuration of toolbars and dockers
- ◀ More assistance for new and existing customers
 - ◀ Extended tooltips
 - ◀ Feature videos right in the software
 - ◀ New sample designs illustrating main features
- ◀ Many improvements – TrueView, Slow Redraw, etc. See below.

New CorelDRAW X6 features

Wilcom **DecoStudio**© e3.0 brings with it all the new CorelDRAW® Graphics Suite X6.

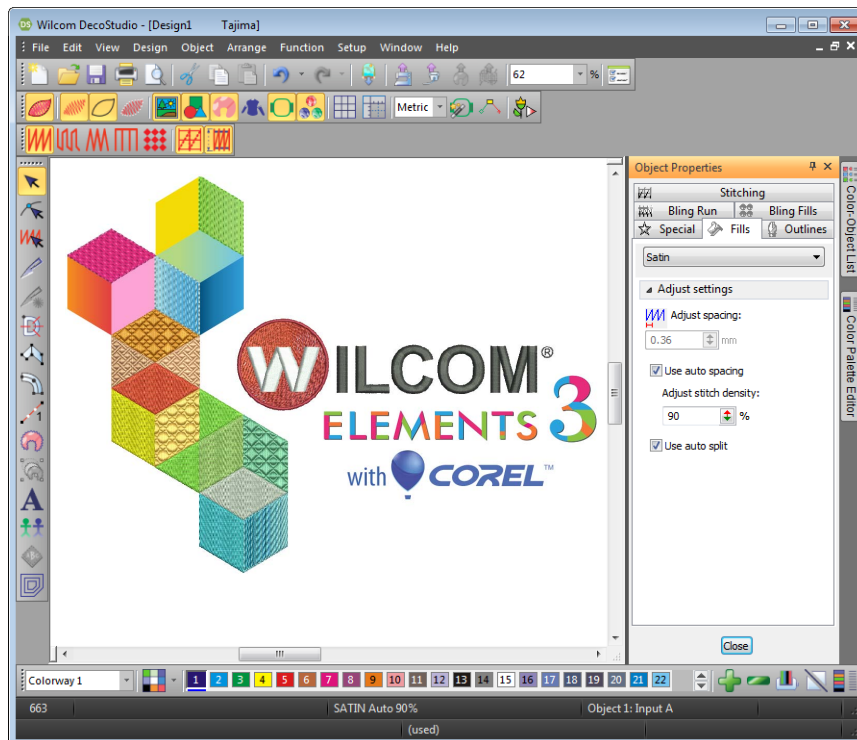


Benefits include:

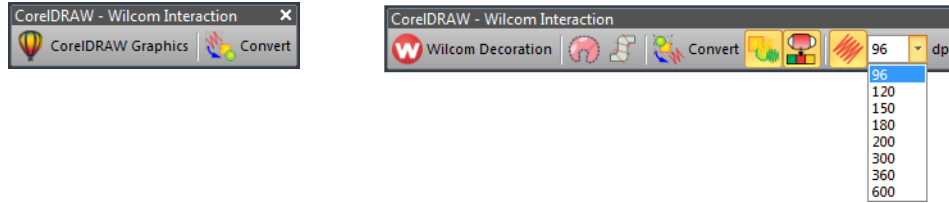
- ◀ Multi-page designs, layers and page layouts
- ◀ New content – heaps of clipart, photos and fonts
- ◀ Advanced OpenType support
- ◀ Enhanced compatibility with complex alphabets (Asian, Arabic)
- ◀ Custom-built color harmonies
- ◀ Multiple trays in Corel CONNECT
- ◀ Creative vector shaping tools
- ◀ Document, objects and color styles
- ◀ Website design software.

Improved Wilcom-Corel integration

Wilcom **DecoStudio**© e3.0 offers improved Wilcom-Corel integration.



The **Universal** toolbar has been renamed the **CoreIDRAW - Wilcom Interaction** toolbar.



Benefits include:

- ◀ Core installation optional and configurable:
 - ◀ Choice of 32 bit or 64 bit Corel application – faster
 - ◀ 30 day trial version – register free with Corel for permanent installation.
- ◀ Corel X6.1 new features:
 - ◀ CoreIDRAW® Graphics Suite X6 with **DecoStudio**
 - ◀ CoreIDRAW® Essentials with **DecoStudio Lite**.
- ◀ Improved interaction between Corel and Wilcom design windows:
 - ◀ Easier user interface
 - ◀ Improved embroidery TrueView in Corel window.
- ◀ Higher quality embroidery conversion – turning & parallel:
 - ◀ Auto convert vector artwork directly to embroidery
 - ◀ Auto or manual assignment of embroidery types.

Improved convenience and logistics

Improvements in convenience and logistics include:

- ◀ Improved software installation in support of e3 product models and options
- ◀ e3 dongle same as e2 – update without swapping dongles
- ◀ Display of product model and modules available via Help menu
- ◀ Notifications of available product updates/upgrades
- ◀ Preservation of customer default settings when installing service packs or updates
- ◀ Windows 7, 8 compatibility
- ◀ Tier 1 languages in first e3.0 release (software messages only) – English, German, French, Italian, Spanish, Japanese

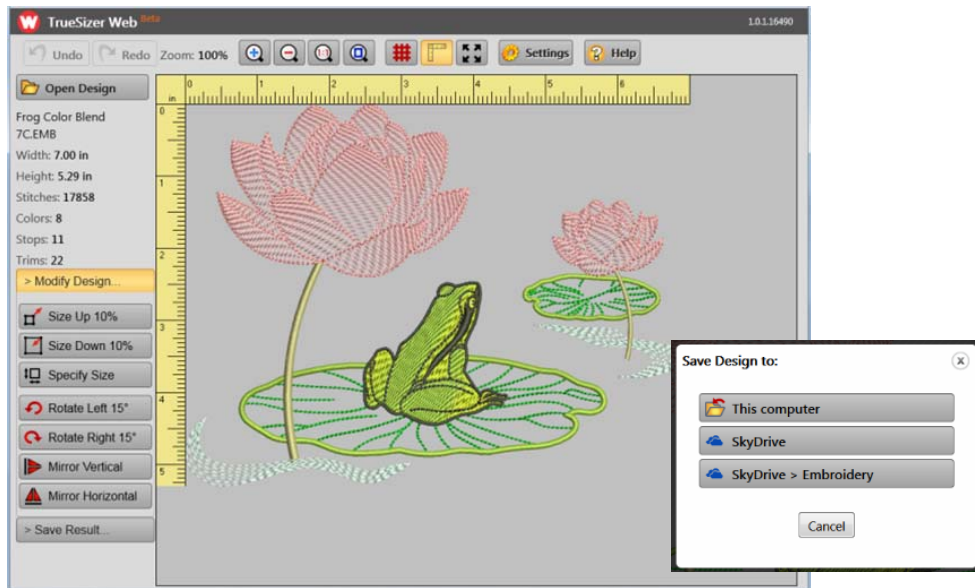
Multi-user network dongle

Wilcom **DecoStudio**© e3.0 now provides network dongle support. This means:

- ◀ Licensed for set number of simultaneous users
- ◀ Ideal for educational institutions and corporate users
- ◀ Any e3 product model, including Design Workflow can be run
- ◀ All systems on the network are same product and options
- ◀ Three models of network dongle to support up to 10, 50, 250 users
- ◀ Can also use individual dongles for other products – if a local dongle is plugged into the machine, it will be favored over the network dongle.

TrueSizer Web – EMB ecosystem online

The release Wilcom **DecoStudio**® e3.0 coincides with the launch of TrueSizer Web, Wilcom's free online web service.



Benefits include:

- ◀ View EMB and other formats in TrueView online
- ◀ View accurately at actual size, or zoom in or out
- ◀ Re-size, rotate, mirror design in EMB, ART, and JAN file formats
- ◀ Maintain exact densities and stitching effects as digitized
- ◀ Convert to machine stitch formats for production – supports popular commercial and home formats
- ◀ Print simplified design worksheets with thread color sequence
- ◀ Run on Macs, PCs, iPads, Android tablets, mobile phones
- ◀ Share files online via Microsoft SkyDrive cloud storage
- ◀ No download required - use free online embroidery web service

Enhanced digitizing

Wilcom **DecoStudio**® e3.0 offers these improvements in embroidery digitizing.

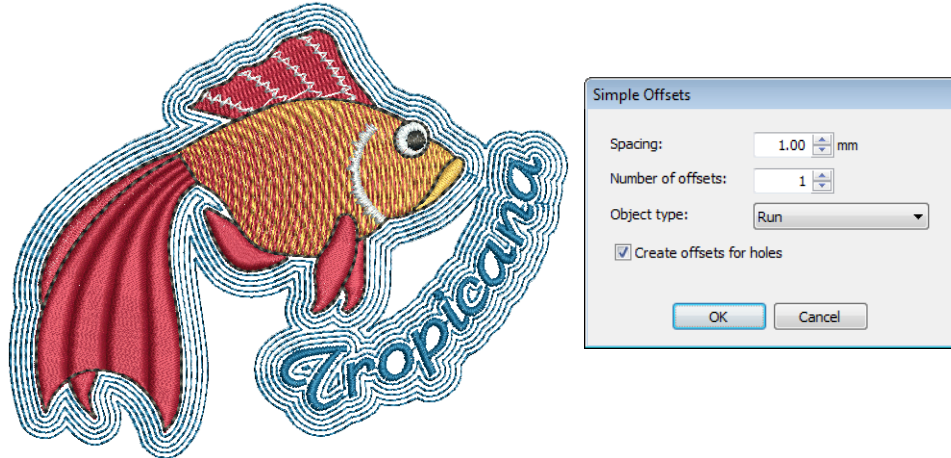
Simple offsets



Use Toolbox > Simple Offsets to create simple outlines for any filled embroidery or closed vector object.

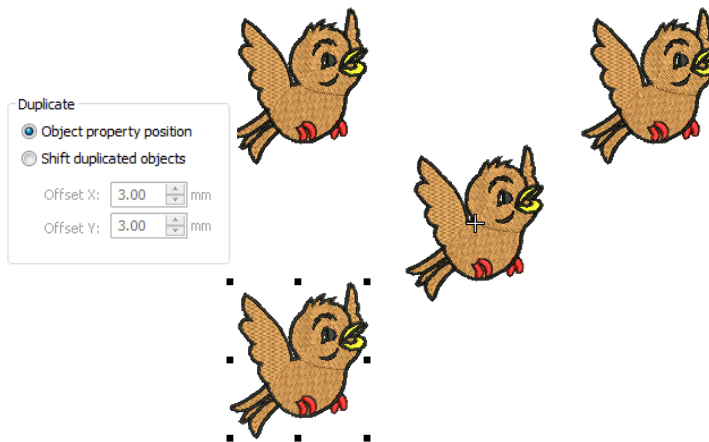
A **Simple Offsets** feature is now available for **DecoStudio** as an optional 'Element'. This feature allows you to quickly create outline stitching around

selected objects or entire designs with a variety of outline styles. See [Creating simple offsets](#) in the Onscreen Manual for details.



Step repeat offsets with duplicate objects

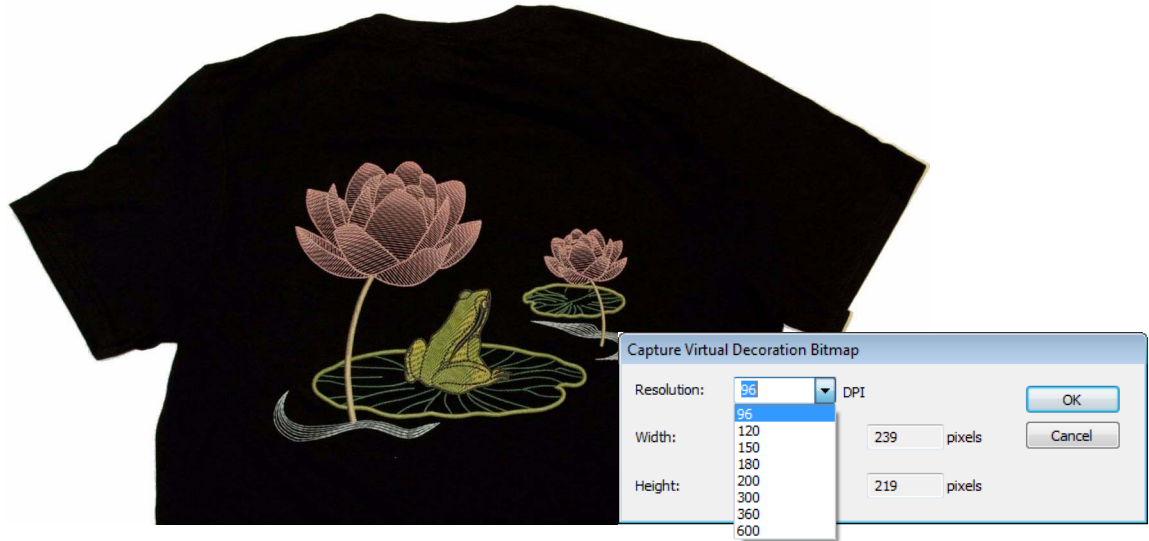
Wilcom **DecoStudio**© e3.0 now provides similar options for the **Duplicate** function as for **Paste**. You can choose between duplicating in the same position or offsetting from the source object. This means you can step-repeat offsets with duplicate objects. See [Duplicating objects](#) in the Onscreen Manual for details.



New virtual decoration element

Wilcom **DecoStudio**© e3.0 now offers digital print high resolution **TrueView** for 'virtual embroidery'. The result looks very real. This is a technique that can provide great commercial flexibility for embroiderers and direct-to-garment

printers alike. See [Virtual embroidery design options](#) in the Onscreen Manual for details.



Improved graphic-to-embroidery conversion

Improved conversion from CorelDRAW® allows you to select any vector graphic and convert directly to embroidery.



Benefits include:

- ◀ Easier to use, better quality results
- ◀ Fully editable embroidery objects
- ◀ Professional stitch quality.

Pull compensation for converted vectors

When converting vector objects to embroidery, vectors are flattened to produce the correct shapes for embroidery. In order to reduce the incidence of gaps forming, pull compensation is actually doubled but only when converting vectors to embroidery.

Improved Fountain Fill conversion

Wilcom **DecoStudio**© e3.0 now converts vectors with **Fountain Fill** to an sensible color other than the default 'powder blue'. The software uses the starting color to determine the thread color. See [Converting between vector & embroidery objects](#) in the Onscreen Manual for details.



Enhanced design viewing

Wilcom **DecoStudio**© e3.0 offers major improvements in design visualization.

Better quality TrueView images

In addition to extra large TrueView thumbnails in Windows Explorer, TrueView display has improved in all aspects of the design environment:

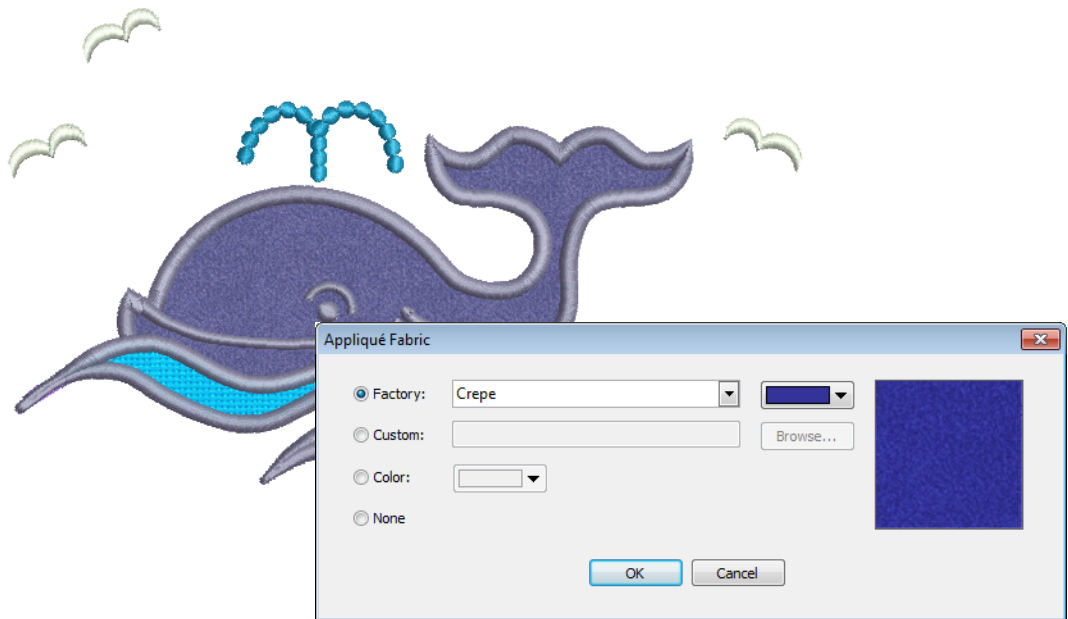
- ◀ Wilcom design window
- ◀ CorelDRAW design window
- ◀ New **Capture Virtual Decoration Bitmap** function. See also [New virtual decoration element](#).

- ◀ TrueView now applies to appliqué and multi-decoration objects.




Fabric swatches for appliqué objects

Wilcom **DecoStudio**® e3.0 now lets you select a fabric swatch for appliqué objects. The swatch becomes a property of the object. See [Adjusting appliqué settings](#) in the Onscreen Manual for details.

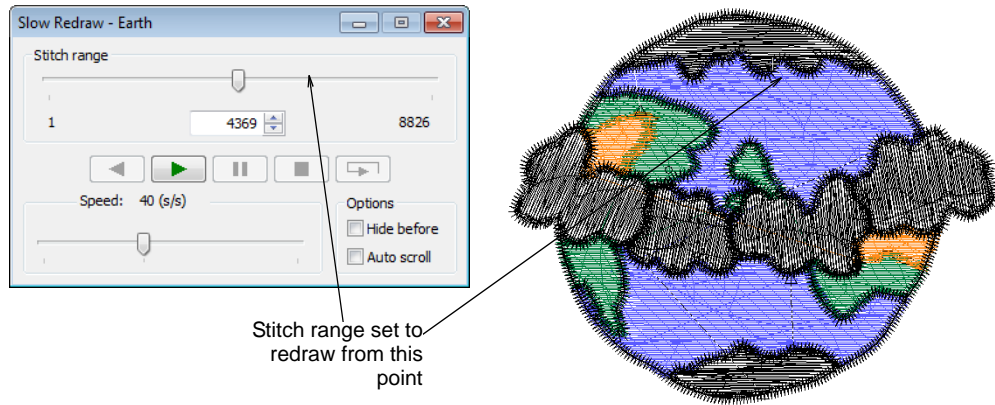


Enhanced Slow Redraw

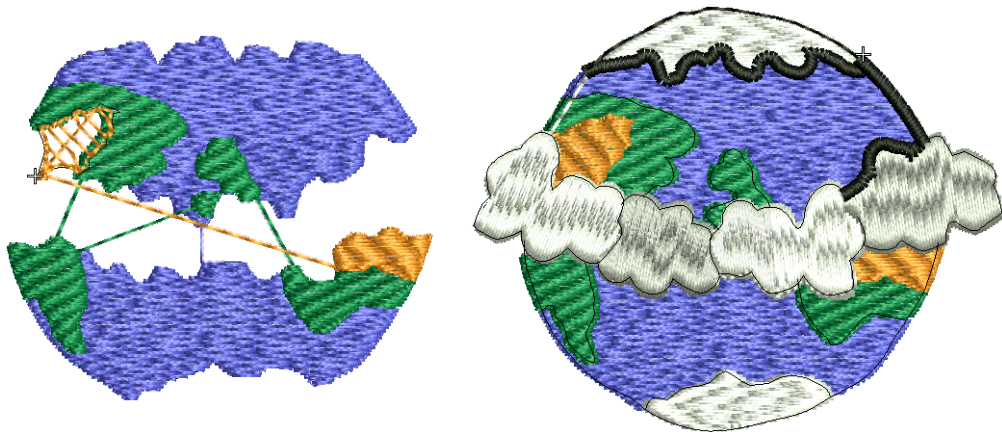
 Use View > Slow Redraw to simulate embroidery design stitchout on screen.

Slow Redraw is an important tool in **DecoStudio**. It lets you simulate the actual embroidery design stitchout on screen. **Slow Redraw** has been improved with

the addition of a **Stitch Range** control. See [Simulating design stitchout](#) in the Onscreen Manual for details.

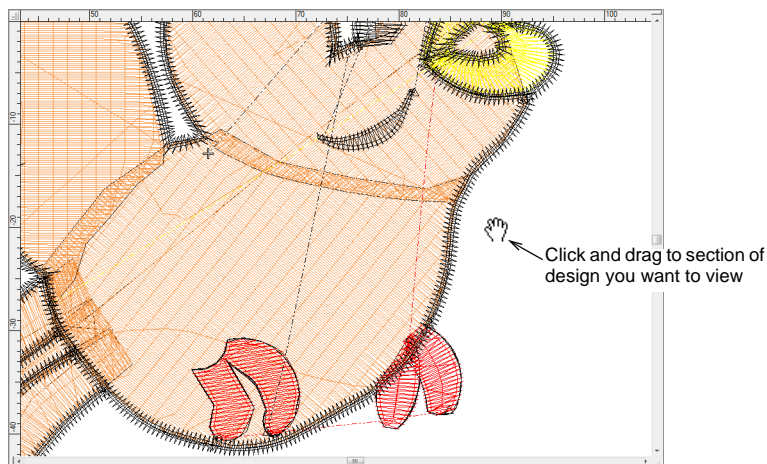


Slow Redraw can now be run in both **TrueView** and stitch view.



Improved panning and zooming

Pan is a very commonly used function. A common convention is the 'grabbing hand' tool which you click to 'hold' the design window and drag it around. This has now been implemented in **DecoStudio**. See [Zooming & panning designs](#) in the Onscreen Manual for details.



Default zoom behavior has been revised. Previous mouse wheel behavior:

- ◀ Default action: Zoom 2X
- ◀ While holding Shift: Zoom 1.25X

New mouse wheel behavior:

- ◀ Default action: Zoom 1.25X
- ◀ While holding Shift: Zoom 2X

Pre-scaled accurate size product images

The default scale of '100%' for product images is more accurate with respect to regular size garments. See [Visualizing products](#) in the Onscreen Manual for details.



Improved lettering

Wilcom **DecoStudio**© e3.0 offers improvements in embroidery and multi-decoration lettering.

Automatic stitch generation for lettering objects

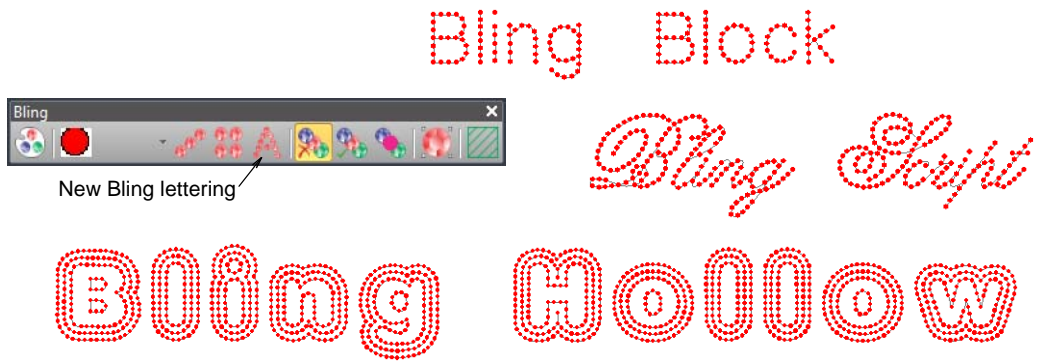
Stitches for lettering objects are now generated automatically as with other embroidery object types. Previously you had to press <G> to generate stitches manually. **Team Names** will remain the only object type where the stitches are not automatically generated. There is a popup notifying you of the exception.

New bling lettering



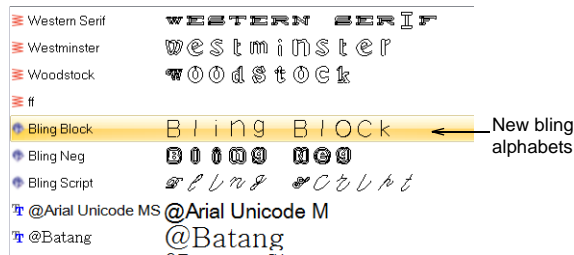
Use Bling > Bling Lettering to create bling lettering onscreen using native embroidery alphabets or TrueType fonts. Right-click for settings.

Wilcom **DecoStudio**© e3.0 now offers **Bling Lettering**. See [Creating bling lettering](#) in the Onscreen Manual for details.




Benefits include:

- ◀ Re-sizeable bling lettering
- ◀ Use of bling automatic fills, outlines, or both
- ◀ Use of embroidery alphabets with bling
- ◀ Use of TrueType fonts with bling
- ◀ Fully editable bling lettering object properties
- ◀ New bling-specific alphabets.

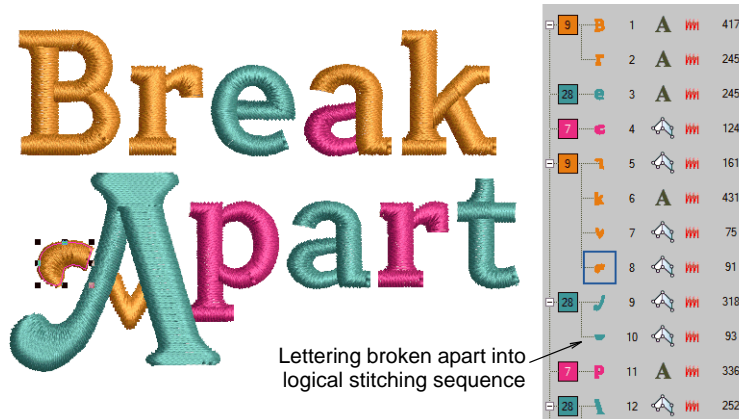


Multi-level 'break apart' lettering for editing

 Use **Arrange > Break Apart** to split composite objects – monograms, appliqués, lettering, etc – into component objects.

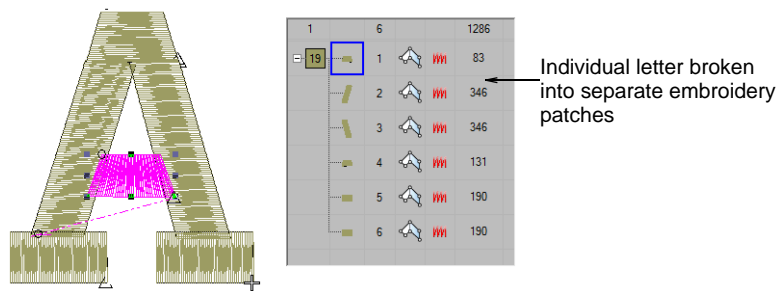
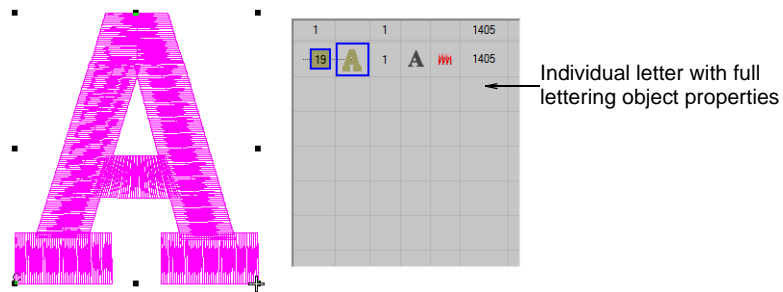
Applying the **Break Apart** function to a lettering object breaks it into a logical stitching sequence while maintaining lettering object characteristics. Object properties can be edited separately for single lines, single words, or even single

characters. Stitching sequence is maintained. See [Breaking apart composite objects](#) in the Onscreen Manual for details.



Sequence logic is as follows:


- ◀ Multi-line lettering can be broken into separate objects per line
- ◀ Individual lines can be broken into separate objects per word
- ◀ Words can be broken into separate objects per letter.
- ◀ Letters can be broken into their individual embroidery patches. Lettering properties are lost but properties of each patch can be individually modified.



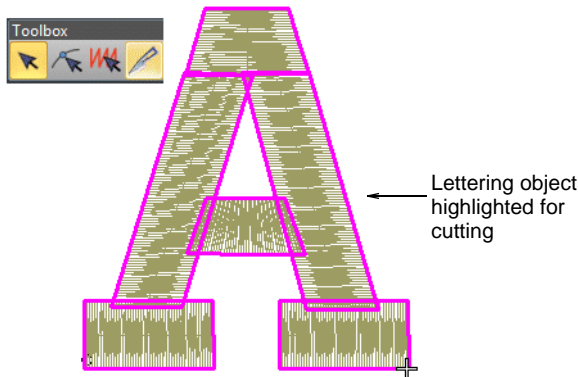


Tip An exception for single-line (multi-word) objects is the case of the center-out stitching sequence. Such objects are broken apart directly into single-letter objects. The stitching sequence is thereby preserved.

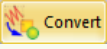
Cutting lettering with the Knife tool

 Use **Toolbox > Edit Tools > Knife** to cut objects along a digitized line, preserving stitch settings and colors in resulting objects.

When you select a lettering object and click the **Knife** icon, the object is now highlighted with a thick magenta outline for cutting. See [Cutting shapes manually](#) in the Onscreen Manual for details.



Converting embroidery lettering to vectors

 Use **CoreIDRAW - Wilcom Interaction > Convert Embroidery to Graphics** to convert selected embroidery to graphics and switch to CoreIDRAW Graphics.

You can now convert embroidery lettering to vectors using the **Convert** button on **CoreIDRAW - Wilcom Interaction** toolbar.



New alphabets

Wilcom **DecoStudio**© e3.0 includes a variety of new professionally digitized alphabets. See [New alphabet inclusions](#) for details.



New alphabets include:

- ◀ 3 new bling alphabets
- ◀ 3 new modern logo fonts
- ◀ 1 new fancy accordion fill alphabet
- ◀ 4 run stitch alphabets
- ◀ 2 Cyrillic alphabets



Tip Six new Japanese alphabets (3000 characters each) are available for download from www.wilcom.com.

Usability improvements

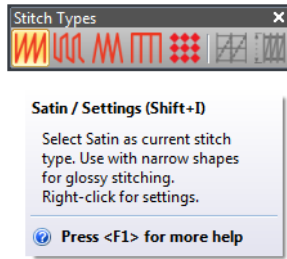
Wilcom **DecoStudio**© e3.0 offers significant improvements in interface design and overall system usability.

Improved screen calibration

You need to calibrate your monitor so that designs at 1:1 scale appear at real size. The screen calibration function is now located under **Setup > Calibrate Screen** for easy access. **TrueView** display has been improved even if screen calibration has not been performed. See [Calibrating the monitor](#) in the Onscreen Manual for details.

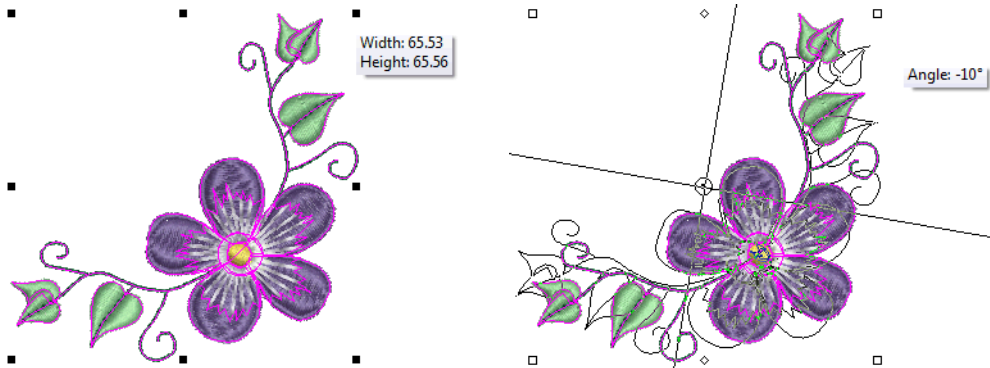
Extended tooltips

Wilcom **DecoStudio**© e3.0 provides extended tooltips which explain more precisely what each tool is used for. An <F1> keypress accesses context-sensitive help.



Rotate and skew tooltips

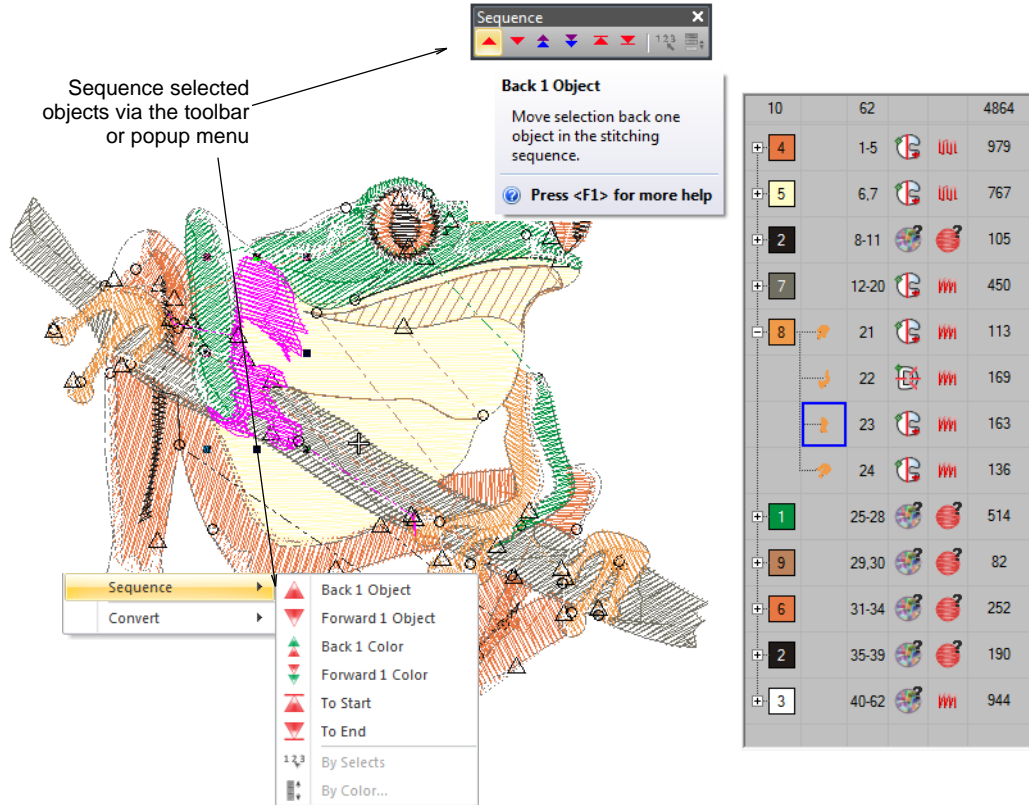
Tooltips are now provided for all transformation functions – **Resize**, **Rotate** and **Skew**. See [Scaling & Transforming Objects](#) in the Onscreen Manual for details.




New Sequence commands

The new **Sequence** toolbar provides a convenient means for sequencing selected objects. Use it in conjunction with the **Color-Object List**. Alternatively, use the popup menu **Sequence** option to resequence objects 'on-the-fly'. The

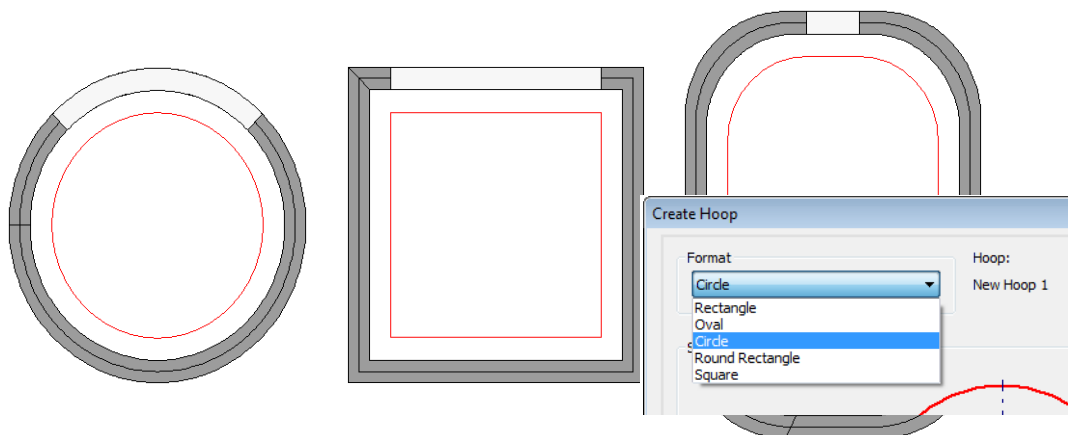
same options can be accessed from the **Color-Object List** popup menu. See [Sequencing objects](#) in the Onscreen Manual for details.



Custom hoops

 Click View > Show Hoop to turn hoop display on or off. Right-click to change hoop settings.

The **Create Hoop** function is now available as standard in **DecoStudio**. If you are using a hoop size that is not in the hoop list, you can define your own hoops and save them for later use. See [Defining custom hoops](#) in the Onscreen Manual for details.




Proportional resizing

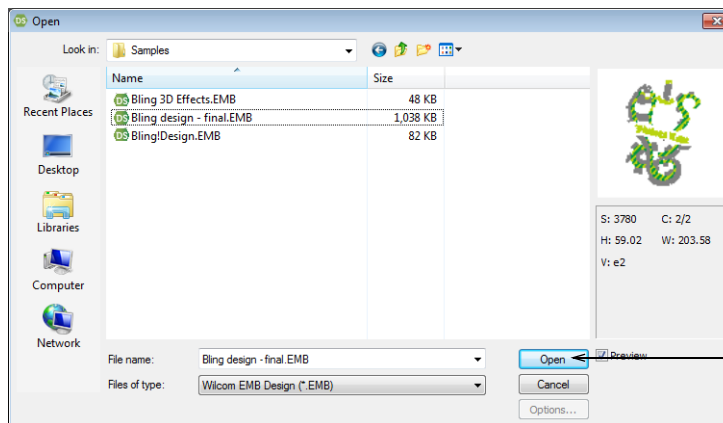
Wilcom **DecoStudio**© e3.0 now allows you to resize motifs and other patterns proportionally via **Object Properties**. A proportional scaling lock maintains aspect ratio when changing pattern size.



Open 'all design files' function

 Use Standard > Open to open an existing design.

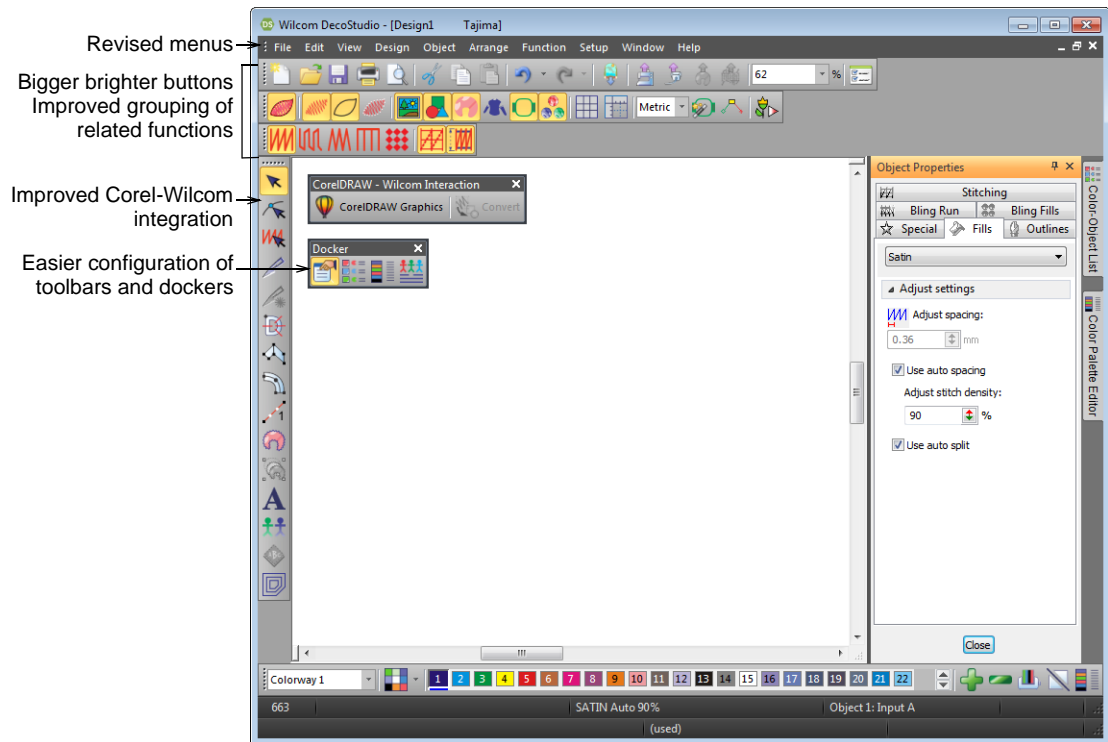
The **Open** dialog includes an 'All design files' option which displays all supported design file types – EMB, EXP, DST, etc. You don't need to change the **Files of type** setting unless you want to filter on a specific file type – e.g. EMB. See [Opening designs](#) in the Onscreen Manual for details.



All supported design file types are displayed using this option

Interface improvements

Wilcom **DecoStudio**© e3.0 has a new color scheme and updated interface in keeping with its partner product CorelDRAW® Graphics Suite X6.



Improved menus

The menu structure in Wilcom **DecoStudio**© e3.0 has undergone a significant reorganization.

Menu	Note
File	These standard menus are maintained but with internal organization and naming improvements.
Edit	
View	
Design	This new menu combines commands which affect designs as a whole. Previously dispersed amongst other menus and toolbars, they are combined into a single logical grouping.
Object	Similarly, this new menu combines functions which apply at the design object level. Again, they are combined into a single logical grouping.
Arrange	The Arrange menu remains but with the inclusion of additional commands.
Function	This new menu brings together all the low-level commands associated with machine function handling.
Setup	This new menu brings together all functions associated with system configuration and asset management.
Window	The Window menu remains but now provides access to anything in the software which appears in its own window, including dockers.
Help	The Help menu remains but includes better access to help and support resources, both installed and online.

Improved toolbars

Toolbars too have undergone a rethink in Wilcom **DecoStudio**© e3.0 in order to rationalize like-functions and improve usability. Affected toolbars include:

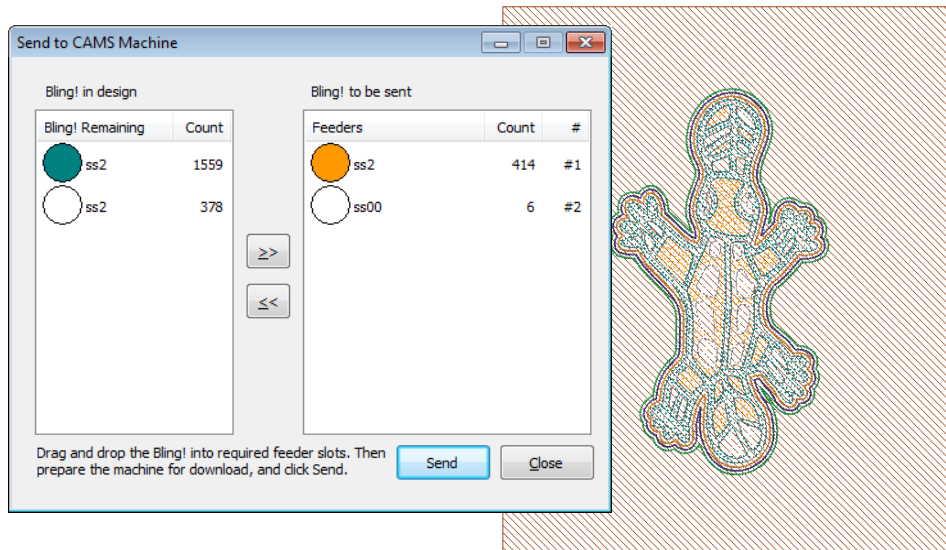
Toolbar	Note
CorelDRAW - Wilcom Interaction	The 'Universal' toolbar has been renamed the 'CorelDRAW - Wilcom Interaction' toolbar. It is available with the CorelDRAW® option. See also Improved Wilcom-Corel integration .
Arrange	The revised Arrange menu mirrors the revised Arrange menu.
Bling	The revised Bling toolbar contains the new Bling Lettering tool. See also New bling lettering .
Color Palette	This toolbar remains mainly unchanged except for a revised display options function.
Docker	This new toolbar provides quick access to all the docker dialogs in the software which are also available via the Window menu.
Sequence	New Sequence tools provide a convenient means for sequencing objects. See also New Sequence commands .
Standard	The Standard toolbar has reorganized to reflect the organization of the CorelDRAW® Standard toolbar.
Transform	A revised Transform toolbar provides easy access to object transformations by reference line.
View	A revised View toolbar contains functions for showing repeats, appliqué fabrics, and background images. See also Fabric swatches for appliqué objects .
Zoom	A new Zoom toolbar provides ready access to all the zoom functions in the software.

Miscellaneous improvements

Wilcom **DecoStudio**© e3.0 provides the following miscellaneous improvements.

Support for bling CAMS machines

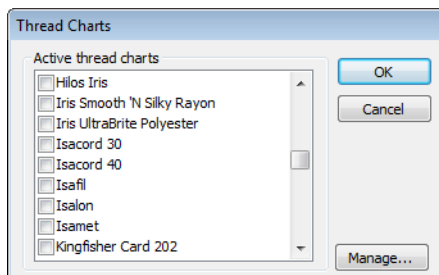
DecoStudio now supports direct connection to CAMS automatic rhinestone placement machines. See [Sending bling to CAMS machine](#) in the Onscreen Manual for details.



New thread charts

The following thread charts have been added to **DecoStudio**:

- ◀ Iris UltraBrite Polyester
- ◀ Iris Smooth 'N Silky Rayon
- ◀ Madeira Frosted Matt 40
- ◀ Timeless

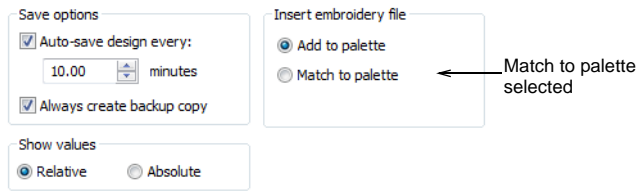


Add sequin designs to monogramming

Application crashes have been reported when inserting certain design elements, for example sequins, into monogramming designs via the **Ornaments** tab. This problem has been rectified.

Insert JEF files with 'match to palette'

Application crashes have been reported when opening JEF files with the import method set to 'match to palette'. This problem has been rectified.



Related to the above, the compact palette function fails to work with the 'match to palette' function. Colors of imported files are matched but when compacting the palette some colors are lost. This problem has been rectified.

Display TrueView images without black highlights

Unwanted black highlights in **TrueView** – particularly noticeable in areas of open stitching – have been reported in CoreIDRAW®. The same issue has been reported in relation to capturing design bitmaps. This problem has been rectified.

Multiple scrolling

Multiple scrolling has been reported when digitizing at the corner of the design window. Moving the cursor in this area of the screen causes the display area to be scrolled multiple times. This problem has been rectified.

Bling object outlines in CoreIDRAW®

Bling object outlines display unnecessarily in CoreIDRAW®. This is no longer the case.

Native Wilcom EMB

Native Wilcom design files have been renamed from 'Design Files (EMB)' to 'Wilcom EMB Design (EMB)'. The **Open Design** and **Save Design** dialogs now display the following file types in the droplist:

- ◀ Wilcom EMB Design e3 (*.EMB)
- ◀ Wilcom EMB Design e2 (*.EMB)
- ◀ Wilcom EMB Design e1.8 (*.EMB)
- ◀ Wilcom EMB Design e1.5 (*.EMB)
- ◀ Wilcom EMB Design e1 (*.EMB)
- ◀ Wilcom EMB Design V2006 (*.EMB)

Template files take a similar form:

- ◀ Wilcom EMB Template (*.EMT)



Note For EMB file format, you can only save back to EMB version V2006 or later.

Appendix

Wilcom **DecoStudio**© e3.0 is a major new release of Wilcom's suite of embroidery and multi-decoration software products.

Summary of new and improved capabilities

Below is a summary of the new and improved feature sets of **DecoStudio**.

Feature	Product Level		Reference
	DL	D	
Enhanced work environment			Enhanced work environment
Extra large TrueView thumbnails of multi-decoration designs in Explorer	●	●	Enhanced Wilcom EMB 'ecosystem'
Revised and improved toolbars	●	●	Enhanced user interface
New CorelDRAW® Graphics Suite X6 feature set	●	●	New CorelDRAW X6 features
Improved Corel-Wilcom interaction with higher quality embroidery conversion	●	●	Improved Wilcom-Corel integration
Improved installation and handling of product updates/upgrades	●	●	Improved convenience and logistics
Network dongle support for multiple users	●	●	Multi-user network dongle
Digitizing enhancements			Enhanced digitizing
Offset objects – standard		●	Simple offsets
Duplication options now include same position or offset from source object	●	●	Step repeat offsets with duplicate objects
New high resolution TrueView lets you capture screen images up to 600 DPI for DTG printing		○	New virtual decoration element
Improved bitmap-to-embroidery conversion		○	Improved graphic-to-embroidery conversion
Enhanced design viewing			Enhanced design viewing
Hi-res TrueView thumbnails now available in Windows and ES Design Explorer	●	●	Better quality TrueView images
Appliqué objects now include fabric swatches		●	Fabric swatches for appliqué objects
Slow Redraw now includes 'Stitch Range' control	●	●	Enhanced Slow Redraw
Pan now uses the familiar 'grabbing hand' icon and functionality	●	●	Improved panning and zooming
Improved default scaling for product images	●	●	Pre-scaled accurate size product images
Lettering improvements			Improved lettering
● Included as standard ○ Modular 'element'			

Feature	Product Level		Reference
	DL	D	
Stitches for lettering objects are now generated automatically as with other object types	●	●	Automatic stitch generation for lettering objects
New Bling Lettering lets you create lettering with Bling Fill as well as Bling Run	○	○	New bling lettering
Lettering objects can now be broken apart while preserving the stitching sequence		●	Multi-level 'break apart' lettering for editing
Lettering objects can now be cut with the Knife tool		●	Cutting lettering with the Knife tool
Embroidery lettering now converts to vectors using the Convert function		●	Converting embroidery lettering to vectors
15 new professional digitized alphabets	●	●	New alphabets
Usability improvements			Usability improvements
Easier and more reliable screen calibration	●	●	Improved screen calibration
Extended tooltips and context-sensitive help for toolbar buttons	●	●	Extended tooltips
Tooltips for rotation and skew operations	●	●	Rotate and skew tooltips
New Sequence tools provide a convenient means for sequencing objects		●	New Sequence commands
Proportional scaling lock maintains aspect ratio when changing pattern size	●	●	Proportional resizing
'All design files' function for easy file access when opening	●	●	Open 'all design files' function
Interface improvements			Interface improvements
Improved menus	●	●	Improved menus
Improved toolbars	●	●	Improved toolbars
Miscellaneous improvements			Miscellaneous improvements
New thread charts include: Iris UltraBrite Polyester, Iris Smooth 'N Silky Rayon, Madeira Frosted Matt 40, and Timeless	●	●	New thread charts
Add sequin designs to monogramming without problem	●	●	Add sequin designs to monogramming
Insert JEF files with 'match to palette' without problem	●	●	Insert JEF files with 'match to palette'
Display TrueView without unwanted black highlights	●	●	Display TrueView images without black highlights
Unwanted multiple scrolling de-activated	●	●	Multiple scrolling
Bling object outlines are no longer displayed in CoreIDRAW®		●	Bling object outlines in CoreIDRAW®
Native Wilcom design files renamed to Wilcom EMB Design (EMB)	●	●	Native Wilcom EMB
● Included as standard ○ Modular 'element'			



Note For an itemized listing of the new and improved features for each product level, see [Product Differentiation Table](#) in the Wilcom **DecoStudio** Onscreen Manual.

New alphabet inclusions

Wilcom **DecoStudio**© e3.0 includes a variety of new professionally digitized alphabets. These include:

Alphabet	Sample
Logo alphabets	
Museo	<p>ABCDEF abcdef</p> <p>0123456789</p>
Adelle	<p>ABCDEF abcdef</p> <p>0123456789</p>
Market	<p>ABCDEF abcdef</p> <p>0123456789</p>
Run stitch alphabets	
Run Cardigan	<p>ABCDEF abcdef</p> <p>0123456789</p>
Run Freehand	<p>ABCDEF abcdef</p> <p>0123456789</p>
Run Liberty	<p>ABCDEF abcdef</p> <p>0123456789</p>
Run Murray Hill	<p>ABCDEF abcdef</p> <p>0123456789</p>

Alphabet	Sample
Cyrillic alphabets	
Russian Textbook	АБЦДЕФ абцдеф 0123456789
Jikharev	<i>АБЦДЕФ абцдеф</i> <i>0123456789</i>



Note Six new Japanese alphabets (3000 characters each) are available for download from www.wilcom.com for customers who wish to access them.

Virtual embroidery design options

To obtain the precise results you want from virtual embroidery, you have a choice of creation methods. See also [Virtual decoration with high-res TrueView](#) in the Onscreen Manual.



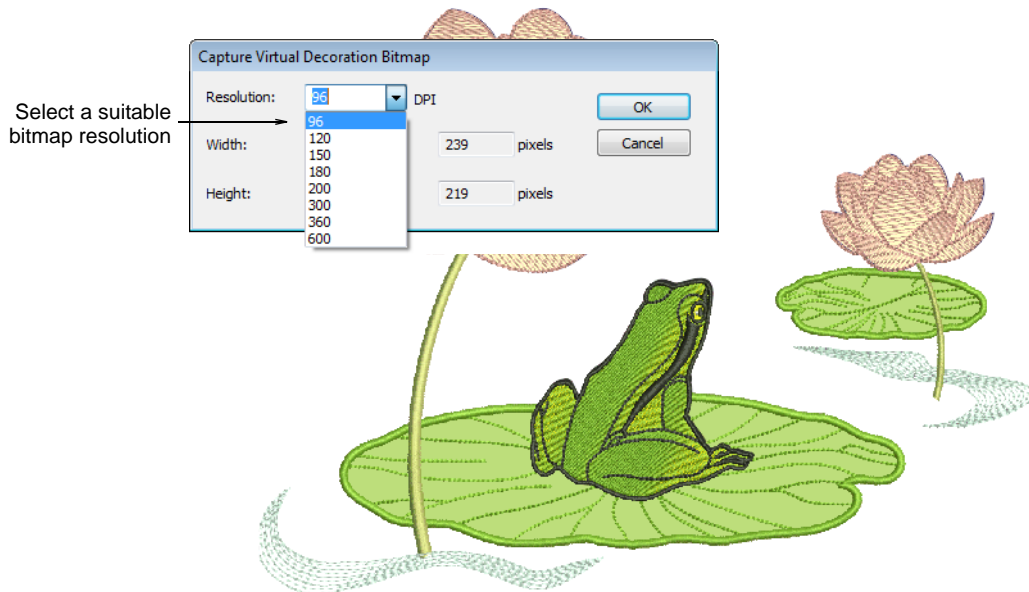
Note Image quality for printing does not need to match printer DPI to produce good output. For general purposes such as printing on T shirts, good results can be obtained within a range of 120 to 300 DPI. Higher resolutions are suitable for printing on paper or photographic paper.

Embroidery only virtual decoration

If you only require the embroidery portion of a design to be output as a virtual decoration, the process is a simple one.

To create an embroidery-only virtual decoration

- 1 Open your EMB design and select **File > Capture Virtual Decoration Bitmap**.



- 2 Select a suitable bitmap resolution – e.g. 300 DPI.
- 3 Click **OK** to save a PNG file of the design.

Only the embroidery portion of the design is output to PNG file. The image produced is always in **TrueView** even if the **TrueView** setting is off. This file can now be printed to garment.



Combined embroidery and graphic virtual decoration

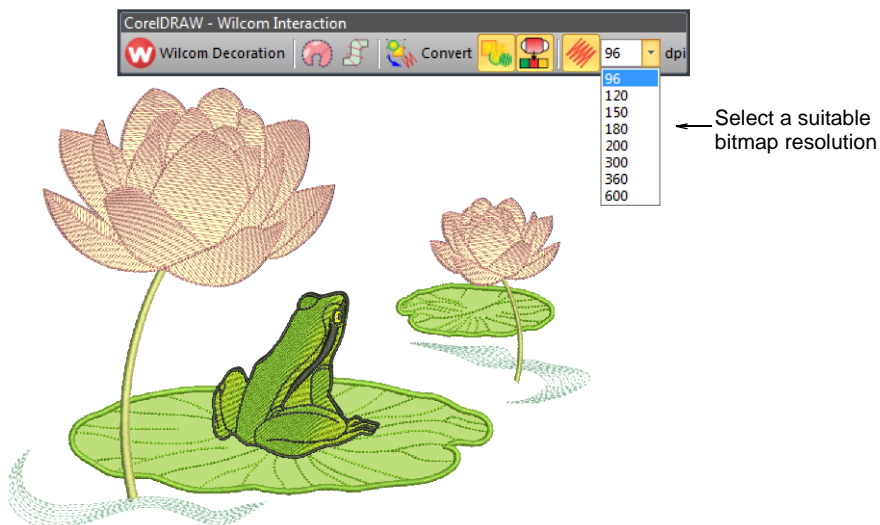
To produce a combined embroidery plus graphics as a printable virtual decoration, use the following procedure.



Tip Don't use the **Export Multi-Decoration File** command for this scenario as it doesn't handle virtual embroidery as a print.

To create an embroidery + graphic virtual decoration

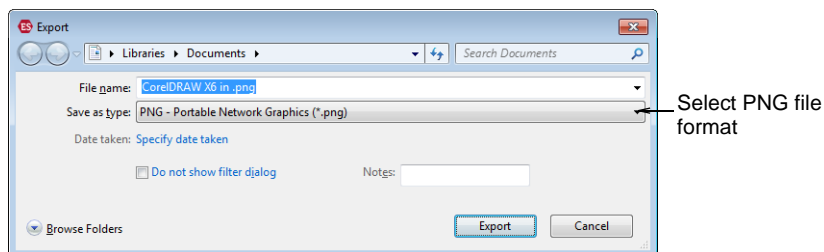
1 Open your EMB design and switch to CorelDRAW®.



2 Select a suitable bitmap resolution – e.g. 300 DPI.

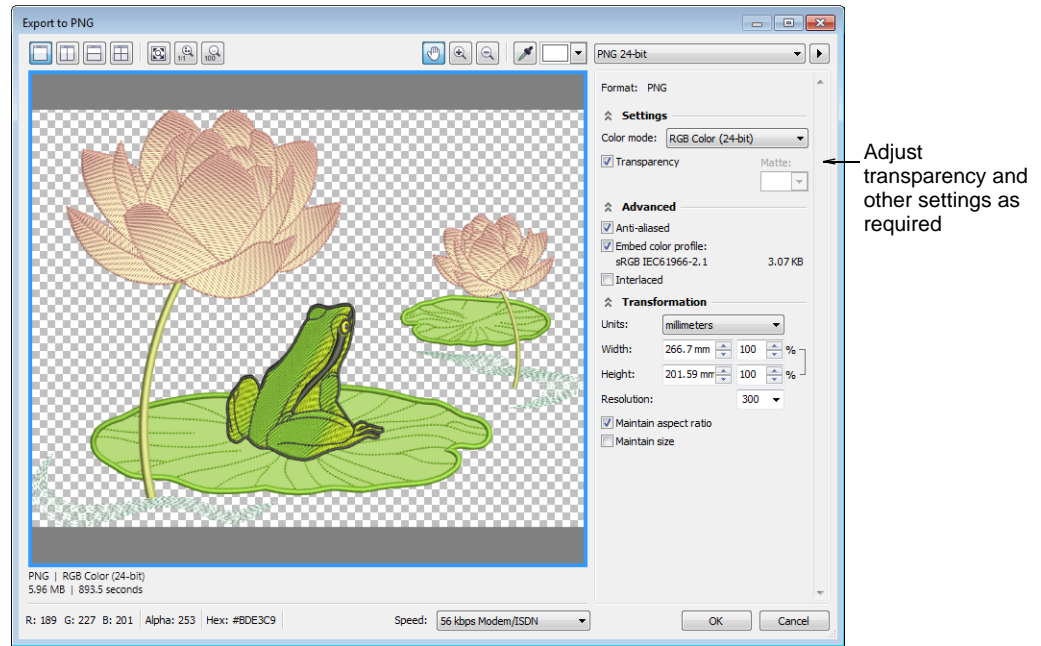
This setting determines to what level of detail the **TrueView** image will be rendered.

3 Select **File > Export > PNG**.



4 Click **OK**.

The **Export to PNG** dialog opens.



5 Adjust transparency, anti-aliasing, and DPI settings as required.



Note The DPI setting in this dialog does not affect the DPI resolution of the **TrueView** rendering. It only affects the DPI of the actual output file.

6 Click **OK** to export.

Actual embroidery plus print

To produce a design as a real embroidery plus print, use the following method.

To create a mixed embroidery + print decoration

- ◀ To obtain the embroidery production file, select **File > Save As** from Wilcom screen and choose a suitable machine file format – e.g. DST.
- ◀ To obtain the graphics production file, switch to CorelDRAW®:
 - ◀ Turn embroidery display off.
 - ◀ Select **File > Export > PNG** to export the PNG DTG print file for the graphics only.

System requirements

Before you install, or if you experience operating problems of any sort, make sure that your computer meets the system requirements.

Check that your PC meets the system requirements required of **DecoStudio**. Check CPU/RAM as well as hard disk space. The table below provides minimum and recommended system requirements.

Item	Minimum	Recommended
CPU	Intel® Pentium® 4, AMD Athlon™ 64 or AMD Opteron™	2 GHz + Latest Intel or AMD 32-bit (x86) or 64-bit (x64) multi core processor

Item	Minimum	Recommended
Operating system ‡	Windows® XP SP3 (32-bit)	Microsoft® Windows® 7 or 8 with latest service packs installed (32-bit or 64-bit editions)
Browser	I.E. 7.0 or later	I.E. 7.0 or later
Internet connection	Required for product registration and access to software updates. For latest operating system information, visit the Wilcom Support Center at www.wilcom.com.au/support .	
Memory	1GB	2GB (more if running multiple apps)
Hard disk size	40GB	80GB or more
Free disk space †	At least 10GB after installation	20GB after installation
Graphics card	Support for Highest Color (32bit) and resolution (1024 X 768)	Support for DirectX 9 graphics with: <ul style="list-style-type: none"> • WDDM driver • 512MB or higher of graphics memory (non-integrated) • Pixel Shader 2.0 in hardware • 32 bits per pixel • Dual monitor capable
Monitor ¥	17" at 1280 x 800	Dual monitors capable of displaying 1280 X 1024 or higher. Maximum native resolution suggested by Windows (Vista, Win7 or 8).
Scanner, printer and plotter	Windows-compatible (any connection method – e.g. parallel, USB)	
USB ports	Dedicated USB port for a USB dongle	
Data drives	<ul style="list-style-type: none"> • DVD-ROM drive for software installation • Dual layer DVD-ROM for extras DVD 	Backup device – e.g. CD/DVD burner, tape backup, removable hard drive
Sound card	Required for multimedia training	

Supported operating systems ‡

- ◀ Although Windows XP (32bit) is supported, Wilcom highly recommends that you consider updating to Windows 7 or Windows 8.
- ◀ For latest operating system information, visit the Wilcom Support Center at www.wilcom.com.au/support.

Free hard disk space †

DecoStudio occupies up to 1Gb of hard disk space, depending on the options installed.

Screen resolution ¥

Some controls may be hidden on the user interface if you run your monitor at low resolutions. The physical size of your monitor will have a bearing on the optimum screen resolution.

Known limitations in DecoStudio

The following are known limitations in **DecoStudio**.

PCX bitmap support discontinued

PCX file format is an old Paint format. The maintenance of this format in has become problematic. Support for it has been discontinued in Wilcom

DecoStudio© e3.0. However, CorelDRAW® continues to support PCX file format.

Bitmap placement in Wilcom Decoration

In **CorelDRAW Graphics** mode, bitmaps can be placed above vector objects by changing layers. However, when switching to **Wilcom Decoration** mode this position is lost. Bitmaps go to the bottom layer automatically. This is because in **Wilcom Decoration**, bitmaps always stay in the background.

Color shading in vector objects

Color shading in vector objects can't be displayed in **Wilcom Decoration** mode but when switching back to **CorelDRAW Graphics**, the effect is still there. However, if the color shading object is locked in **Wilcom Decoration** mode, the effect is lost even when switching back to **CorelDRAW Graphics**.

Slanted zigzag underlay

When using extremely small angles for slanted underlays, they can extend outside the boundaries of the created objects.

Copying vector objects from CorelDRAW to Wilcom

When copying vector objects from **CorelDRAW Graphics** to **Wilcom Decoration** via **Copy & Paste**, they are scaled down. They are, however, copied at the correct size in the other direction.

Conversion of CorelDRAW® Contour effect

When creating a CorelDRAW® object with **Contour** effect applied, an error may occur following a **Break Apart** operation. Any such object which is **not** broken apart can be converted directly to embroidery **Run** stitch similar to the **Offset** tool in Embroidery Mode. This means you don't have to break apart contoured objects in order to generate embroidery run objects. If, however, a contoured object is broken apart and converted to embroidery, the system may produce unexpected results. While most object types can be broken apart and converted, circles and ellipses may cause problems. The work-around is as follows:

To convert circles and ellipses to embroidery

- 1 Select the contoured object to be broken apart.
- 2 Right-click and choose **Break Contour Group Apart**.
This will result in two objects – the original shape/curve and a group of contours/offsets.
- 3 Select the object group, right-click, and choose **Ungroup All**.
These shapes/curves can now be converted to embroidery.



Note CorelDRAW® **Contour** is not to be confused with Wilcom DecoStudio© e3.0 **Contour Stitch** effect.

Jagged Edge with Fusion Fill

When you regenerate stitches for some Fusion Fill objects with Jagged Edge applied to one side, the effect may be reversed and applied to the opposite side. While this is unexpected behavior, it is not technically a defect. When a Fusion Fill object created in ES 9 is re-stitched in e3, it is stitched with a new algorithm that includes improved travel runs. A consequence of this is that the side that includes the Jagged Edge effect may swap when converting Complex

Fill to Fusion Fill. Note that this problem does not occur with all Fusion Fill objects.

Sequin Run limitation

You cannot make a motif that includes Sequin Run. This limitation also applies to lettering objects. The **Special > Motif > Make** menu item is disabled if the selection contains a sequin-run object.

Editing 'ignored' functions

The **Edit Function** dialog does not allow you to change the value of an 'ignored' function.

Inbro machine does not stop at a Stop Code

By default, Inbro machines automatically change needles without stopping on a Stop code. This causes a problem for stops that are not color changes – e.g. at the frame-out point of an auto-appliqué object. The Inbro format does not support needle addressing; like Tajima, it has a single Stop code for both stops and color changes. However, unlike the Tajima machine, Inbro will not stop even if the machine operator has set the stop sequence to have two consecutive stops using the same needle. On the Inbro Operating Box, you can set a number of stitching parameters – e.g. Jumps for Trim, Max Speed, etc. One of these parameters is Stop Code ON/OFF. By default, this is OFF. You must turn it ON for the machine to stop at Stop codes.

Barudan FDR-II Chenille Combination limitations

- ◀ The **Compact Palette** tool on the **Color** toolbar is always disabled when using the Barudan FDR-II Chenille Combination machine format.
- ◀ **Define Stop Sequence** is disabled when opening Barudan FDR-II Chenille Combination designs.

Size limitation when saving JEF format

You should always auto-center a design before saving to JEF format. The horizontal and vertical extents must be no greater than 70mm or 100mm respectively from the center of the design. Anything greater than this would not fit within any of the hoops supported by JEF V1.0. The biggest hoop size is 'Hoop B (140x200)'.