The software to which this User’s Guide relates is subject to change without notice. All efforts have been made to ensure the accuracy of the contents of this User’s Guide.

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Welcome to PREMIER+™ 2 Embroidery Extra.

In this guide we will use the name PREMIER+™ 2 Embroidery to refer to features available in both modules. Screen captures show PREMIER+™ 2 Embroidery Extra.

PREMIER+™ 2 Embroidery helps you to adjust your embroideries on the computer before you sew. Personalize your embroideries in true 3D in a real hoop. Rotate your embroideries to any degree, mirror them from side to side or end to end and scale or resize your embroideries. Adjust an unlimited number of designs and lettering ‘side by side’ in multiple windows.

See the PREMIER+™ 2 Embroidery User Guide for more information on these and other features.

PREMIER+™ 2 Embroidery Extra Features

In PREMIER+™ 2 Embroidery Extra, use 2D editing to alter individual stitches or whole blocks of stitches, even insert new stitches. Manage colors in your embroideries: move colors up or down, merge color blocks and insert color changes.

Audition Features

Use the Background Wizard to view your embroideries on real garments, fabrics and quilt blocks. Also view and reposition an unlimited number of appliqués on your designs.

ExpressDesign Wizard

PREMIER+™ 2 Embroidery Extra also includes the ExpressDesign Wizard. Use it to automatically create embroideries from a picture, either to fit the current hoop or to fit an area you select. Choose from three design types:

- **Express Embroidery**
  - Create a standard embroidery using satin, fill areas and outlining.

- **Express Trace**
  - Trace outlines in a picture to create, for example, redwork, quilt stencils and so on.

- **Express Border**
  - Create satin line, appliqué, running stitch, triple stitch or motifs around the edges of solid color areas in the picture.

PhotoStitch Wizard

Use the PhotoStitch Wizard to create new embroidered PhotoStitch portraits automatically from photos. Generate a linear pattern of stitches, or a Maze or Spiral effect, using one thread for a single color result.
Color PhotoStitch, Sepia PhotoStitch, Monochrome PhotoStitch and Color Tile PhotoStitch options are also available in the PhotoStitch Wizard if you own PREMIER+™ 2 ULTRA.

<table>
<thead>
<tr>
<th>Color PhotoStitch Embroidery</th>
<th>Sepia PhotoStitch Embroidery</th>
<th>Monochrome PhotoStitch Embroidery</th>
<th>Color Tile PhotoStitch Embroidery</th>
<th>Linear PhotoStitch Embroidery</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Color PhotoStitch Example" /></td>
<td><img src="image2.png" alt="Sepia PhotoStitch Example" /></td>
<td><img src="image3.png" alt="Monochrome PhotoStitch Example" /></td>
<td><img src="image4.png" alt="Color Tile PhotoStitch Example" /></td>
<td><img src="image5.png" alt="Linear PhotoStitch Example" /></td>
</tr>
</tbody>
</table>

Create an embroidery from a color photo, using multiple threads for a full color result. Create a sepia embroidery from a photo to give a heritage look, similar to old photos. Create a grayscale embroidery from a black and white photo. Create an embroidery from a color photo, generating small blocks of stitches with a tiled effect. Create a single thread embroidery from a photo, generating a linear pattern of stitches, or a Maze or Spiral effect.

**Word Sculpt Wizard**
Use the Word Sculpt Wizard 🖋️ to create a word design automatically using your choice of outline, words, and fonts.

**Project-in-the-Hoop Wizard**
Use the Project-in-the-Hoop Wizard ⭐️ to create an in-the-hoop design using your choice of project type, style and dimensions.

**Quilt Block Wizard**
Use the Quilt Block Wizard 🦷️ to create a filled or outline quilt block automatically.

<table>
<thead>
<tr>
<th>Filled Quilt Block; Inner Embroidery</th>
<th>Outline Quilt Block; Filled Inner Shape</th>
<th>Filled Quilt Block; Outline Inner Shape</th>
<th>Filled Quilt Block; No Inner Shape</th>
<th>Outline Quilt Block; No Inner Shape</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image6.png" alt="Filled Quilt Block Example" /></td>
<td><img src="image7.png" alt="Outline Quilt Block Example" /></td>
<td><img src="image8.png" alt="Filled Quilt Block Example" /></td>
<td><img src="image9.png" alt="Filled Quilt Block Example" /></td>
<td><img src="image10.png" alt="Outline Quilt Block Example" /></td>
</tr>
</tbody>
</table>

**Family Tree Wizard**
Use the Family Tree Wizard to create an embroidery chart of your family’s history quickly and easily. If desired, add individual pictures or PhotoStitch embroideries in PREMIER+™ 2 Family Tree.

*The Family Tree Wizard is available if you own PREMIER+™ 2 ULTRA.*

**Split Project Wizard**
Use the Split Project Wizard 🕵️‍♂️ to split your embroidery automatically for your preferred hoop.
Parts of the Software Window

Ribbon Bar

*The Wizards and View tabs contain some features only available in PREMIER+™ 2 Embroidery Extra, and the Appliqué, Decoration and Modify tabs are only available in PREMIER+™ 2 Embroidery Extra.*

Wizards Tab
Use the Wizards tab to access the nine wizards: the ExpressMonogram Wizard, the Endless wizard, the ExpressDesign Wizard, the PhotoStitch Wizard, the Word Sculpt Wizard, the Quilt Block Wizard, the Family Tree Wizard, the Project-in-the-Hoop Wizard and the Split Project Wizard.

*The ExpressDesign Wizard, the PhotoStitch Wizard, the Word Sculpt Wizard, the Quilt Block Wizard, the Family Tree Wizard, the Project-in-the-Hoop Wizard and the Split Project Wizard are only available in PREMIER+™ 2 Embroidery Extra. The Family Tree Wizard is available in PREMIER+™ 2 ULTRA.*

Appliqué Tab
Find appliqué areas in an embroidery

- Audition a fabric for the appliqué
- Delete an appliqué piece
- Insert and Delete points in the outline of an appliqué area
- Select an appliqué area, or move to another area
- Cut a hole in an appliqué area
- Define the outline of an appliqué area
Use the Appliqué tab to view and adjust appliqué pieces. The appliqué fabric is shown under the embroidery, as it would appear when stitched out. An unlimited number of appliqué areas may be added to the work area. Define appliqué areas and adjust their shape, select a fabric and cut holes in the appliqué area.

Decoration Tab

Place a single decoration
Draw a line of decorations
Select a block of stitches
Delete the selected decoration or line
Delete points
Break up a line of decorations

draw line
select line

Select and draw a decoration shape
Select a single decoration or a decoration line
Inset or delete points in a line of decorations
View decoration properties
Break up a line of decorations

Use the Decoration tab to decorate your chosen background and embroidery with beads, sequins, hotfix crystals or nailheads. Choose the desired embellishment in the Decoration Selection dialog, then click to place decorations one at a time, or in lines or shapes. Adjust the placing and type of decorations in your project using Select Decorations or the Context menu.

Modify Tab

Switch between resize & rescale
Measure a distance
Resize or rotate a block
Cut, copy or paste a block
Show the selected stitches
Insert color changes, Stops & stitches

Use the Modify tab to edit and insert stitches, or to select a block of stitches for editing. Hide stitches by color or by using the draw range, which will also help with selecting the desired stitches. Cut and copy blocks of stitches or whole embroideries and paste to attach them to the last visible stitch. Insert new color changes, change the order of colors and merge color blocks.

View Tab

Show and adjust the grid
Measure a distance
Remove the background
Change the view mode
Open or create a Background
Move or rotate the Background
Show and fade the Background
Choose a different hoop

View the Design Panel

PREMIER+™ 2 Embroidery Extra  Getting Started
Use the View tab to adjust the Grid, show and create garment, quilt block and fabric backgrounds with the Background Wizard (PREMIER+™ 2 Embroidery Extra only), view appliqué, and change the view mode or hoop.

**PREMIER+™ 2 Embroidery Terms and Conventions**

For a general overview of terms and conventions, please refer to the PREMIER+™ 2 Embroidery Guide.

**On-screen pointers**

The mouse pointer is most commonly shown as an arrow on the screen. If it is positioned over a text box it changes to an I-bar and you can type, such as the Edit Notes dialog box.

When Fit to Rectangle is chosen, the Draw Rectangle pointer appears. In the ExpressDesign Wizard Crop Picture page, the pointer becomes a double-headed arrow when you move the crop lines or a four-headed arrow when you move the crop area. Also, for an Express Embroidery, the pointer becomes an eye-dropper to pick colors from a picture for thread colors or pick a background color. The pointer also becomes a four-headed arrow when it is over the selection box for one or more embroideries, or when Move Background is selected.

If Zoom To Rectangle, or Zoom In, in a dialog box, is chosen the Zoom In pointer appears. If Zoom Out is chosen in a dialog box, the Zoom Out pointer appears.

The Box Select pointer, Freehand Select pointer or Freehand Point Select pointer appears when the associated Select function is chosen. Add to a selection with the Add to Selection pointer, and remove items from a selection with the Remove from Selection pointer.

There are several pointers indicating functions in the selection box. The Rotate pointer appears when the mouse pointer is over the Rotate handle. The cross-hair pointer appears when the mouse is over the center of rotation.

The diagonal double-headed arrow pointer appears when the mouse pointer is over a square corner handle. The horizontal double-headed arrow pointer appears when the mouse pointer is over the Flip Horizontal handle. The vertical double-headed arrow pointer appears when the mouse pointer is over the Flip Vertical handle.

The Insert Color Change pointer or Insert Stitches pointer appears when the associated Modify function is chosen.

The Measure pointer appears when the Get Length function is selected. The pointer becomes the Appliqué Fabric pointer when adjusting appliqué fabric pieces.
Backgrounds

Load project backgrounds for use with PREMIER+™ 2 Embroidery Extra in the Background Wizard. Use the Background Wizard to preview the embroideries you have designed on a garment, home decor item, fabric or quilt block, or other background.

You can also use the Background Wizard to create new backgrounds for your embroideries.

Shortcuts
- View Tab: 📕
- Keys: Alt, V, W

*Use Realistic 3D or Life View to view embroideries and backgrounds in 3D without a grid, hoop or selection box.*

*Backgrounds are only available in PREMIER+™ 2 Embroidery Extra.*

Viewing Backgrounds

Use the Background slider bar to show the garment, quilt or fabric background as On, Off, or faded.

- Background On 📕 shows the picture in the background.
- Background Off 🗑️ hides the picture.
- Click and drag the slider to fade the colors in the background picture (here by 50%).

Use Move and Rotate Background 🎨 to move the garment, quilt or fabric background. Click and drag to move the background. Use the background or fabric handle 🕒 to rotate the background. Right-click to set the background in place and deselect the function.

Use Remove Background 🗑️ to remove the garment, quilt block or fabric background that you have placed behind your embroideries.

Load and Create Backgrounds

There are three types of backgrounds used in the Background Wizard: Garment, Quilt Block and Fabric. There is a folder for each background type within the special Backgrounds folder.
Garment
A garment is treated as a single item, so the garment is shown once on the PREMIER+™ 2 Embroidery Extra screen. Use the garment setting for a background you want to show once, such as a blouse, a sweater, a tote bag or a pillowcase.

Quilt Block
A quilt block is treated as a single item, so the quilt block is shown once on the PREMIER+™ 2 Embroidery Extra screen. Use the quilt block setting to preview your embellishments to quilt blocks.

Fabric
Fabric is treated as a swatch from a large area of fabric, so it is repeated to fill the work area. Use the fabric setting for a background that you want to have repeated, such as large home decorating projects (curtains, tablecloths or bed covers).

Examples of the garment, quilt block and fabric backgrounds are shown in the Backgrounds subfolder of the Sample Guides.
Examples of backgrounds with placement guidelines for monograms are shown in the PREMIER+™ 2 Monogram Template Guide.pdf in the same subfolder.

Real Size Backgrounds
When you add a new background to your collection, you will need to provide a measurement so that it can be matched to the real size of embroideries. The garment, quilt block and fabric backgrounds supplied with PREMIER+™ 2 Embroidery have already been set to real size.

Choose Background
Use the Choose Background page of the Background Wizard to load an existing background or create a new background.

Load an existing background
Create a new background

Use a single garment
Use a single quilt block

Use a fabric background repeated to fill the work area
**Load an Existing Background**

Use the Load Background page of the Background Wizard to select a previously saved garment, quilt block or fabric background.

- Select a background file from the special Backgrounds folder
- The background is previewed
- Click Finish to load the background

**Make a New Background with the Background Wizard**

Use the Background Wizard to create a new background from a picture of your garment, quilt block or fabric.

**Choose Picture**

Use the Choose Picture page of the Background Wizard to select a picture for the new background.

- Select a picture file on your computer
- Paste a copied picture
- Import a file from a scanner or camera
- Load a picture from Facebook®, Instagram®, Flickr®, or Twitter®
- The picture is previewed
Rotate and Crop Picture for Garment or Quilt Block

Use the Rotate and Crop Picture page to select the section of the picture for the background. If required, adjust the crop lines to select the desired part of the picture.

- Zoom in and out
- Change the angle of the picture
- Select the whole picture
- Use the default crop settings
- Adjust the crop lines as desired

When the picture is rotated between the 90 degree steps, the picture is made larger and white background is added.

- To adjust the crop area, position the mouse over the crop boundary until a double-headed arrow appears, then click and drag to move the boundary line.
- To move the crop area, position the mouse inside the crop boundary until a four-headed arrow appears, then click and drag to move the whole rectangle.
- To redraw the crop area, click and drag outside the crop boundary to draw a new rectangle, which can then be adjusted as required.

Rotate and Crop Picture for Fabric

Use the Rotate and Crop Picture page to select the section of the picture that is to be used to create the background, and rotate the picture. If required, adjust the crop lines to select the desired part of the picture.

- Show divider lines for tiled area
- Zoom in and out
- Change the angle of the picture
- Use the default crop settings
- Select the whole picture
- Drag crop lines to select area
- Drag inside area to move it
- Click outside area to redraw it
To see where the four sections of the background are joined, select the Show Divider option. Dashed lines show where the tiled sections will be joined. This is useful for patterned fabric, to ensure the pattern repeats as desired.

**Set Size**

Use Set Size to enter a real measurement of the garment, quilt block or fabric so that it will be displayed at real size when it is used as the background or appliqué fabric. Fabric is measured differently than garments and quilt blocks.

For garments and quilt blocks, the length can be from 1mm to 2000mm. For fabric, the length can be from 1mm to 300mm. However, the fabric tile must not be larger than 300mm x 300mm, so if the line does not span the whole picture it must be shorter than 300mm.

**Set Background Name**

Use Set Background Name to save the finished background in a category and give it a name. The categories are the folder names you will see when browsing for existing
backgrounds. Garment, quilt block or fabric categories are set separately. Click Make New Category to provide the name of a new category.

**Load a Garment in the Background Wizard**

1. If required, click File, New Window, then click the View tab.

2. Click Change Hoop and in the Hoop Selection dialog box select 260mm x 200mm - Universal Large Hoop 3.

3. Set Orientation to Natural and click OK.

4. Click Background Wizard: The Choose Background page of the Background Wizard appears.

5. Ensure the setting for Background is Load Previously Saved and for Type is Garment.

6. Click Next. The Load Background page of the Background Wizard will appear.

7. Click Load Background.

8. In the Picture Viewer dialog box, browse to the folder Garments\Ladies\T-Shirts Round Neck\Medium, and all the garments in the folder will be shown. In some views, if you position the arrow pointer over a thumbnail without clicking, the name of the garment will be shown. The garment is called 'T-Shirt 1 Med GreenLt'.

9. Click the light green t-shirt to highlight it.

10. Click OK to load the t-shirt in the Load Background page of the wizard.

11. Click Finish and the t-shirt will be shown in the work area.

12. In the Quick Access toolbar, click Insert.

13. Browse to the folder Documents\Premier+2\Samples\Premier+Emb\Stitch.

14. Scroll down to the embroidery ‘Sunshine Applique Large with Lettering’.

15. Click to highlight the embroidery, then click Open to load it into the work area on the t-shirt.

16. Click Move and Rotate Background.

17. Click and drag the background so that the embroidery is at the top of the t-shirt.

18. Click Realistic 3D to view the embroidery on the t-shirt.
View and Adjust Appliqué Pieces

Find appliqué areas in an embroidery

Audition a fabric for the appliqué

Cut a hole in an appliqué area

Delete an appliqué piece

Define the outline of an appliqué area

Insert and Delete points in the outline of an appliqué area

Select an appliqué area, or move to another area

Use the appliqué features to view and adjust appliqué pieces. The appliqué fabric is shown under the embroidery, as it would appear when stitched out. An unlimited number of appliqué areas may be added to the work area.

The Appliqué tab is only available in PREMIER+™ 2 Embroidery Extra.
The appliqué features show how a fabric would be placed. They do not alter the stitches. To create new appliqué designs, or add a border, use the ExpressDesign Wizard or PREMIER+™ 2 Create. To add extra stitches and stop commands to an existing embroidery, use the Modify tab or PREMIER+™ 2 Modify. To place appliqué fabrics at a precise command it may be easier to navigate through the design in PREMIER+™ 2 Modify.

PREMIER+™ 2 Embroidery includes many Fonts, SuperDesigns and Frames with appliqué fabric, stitches and Stop Commands. The fabric and some stitch types may be adjusted using the Context menu. To change the fabric pattern position, create holes or alter the outline, you must Fix as Stitches before using the features on the Appliqué tab.

Any fabric background may be used as appliqué, and any number of different appliqué fabrics may be used, as desired. Ensure that the correct design is selected before adding appliqué. Use the Tab key to step through the embroideries.

Appliqué Piece

Use the Appliqué Piece functions to add appliqué fabric to an existing design with appliqué areas, and to adjust appliqué areas within a design.

Change the Fabric in an Appliqué Embroidery

1. Click Change Hoop . From the Universal Hoop Group, set the Hoop Size to 100mm x 100mm - Universal Square Hoop 1. Click OK.
2. Click File, New to open a new window.
3. In the Quick Access toolbar, click Insert .
4. In the folder Documents\Premier+2\Samples\Premier+Emb\Stitch load the embroidery 'Night Time_applique'.
5. Click the Appliqué tab.
6. Click Next Piece . The points for the appliqué area for the moon are highlighted.
   All of the appliqué functions are now available.
7. Click and drag the square zigzag fabric handle . The fabric for the moon moves.
   Use the fabric handle to move the origin point (center of design) of a tiled fabric.
This handle is only available for fabric tiles; you cannot rotate quick Appliqué or Pictures.

Click and drag the round handle. The fabric for the moon rotates.

The fabric rotates around the fabric handle (the origin point of the fabric tile).

Click Select Fabric or choose it in the Context menu. The Appliqué Selection dialog box opens.

To change the fabric, click Fabric in Appliqué Type, then click Load Previously Saved Fabric and choose another fabric.

Click OK to close the Appliqué Selection dialog box.

If there is more than one appliqué fabric in the design, click Next Piece to view the second fabric.

**Appliqué Outline**

Use the Appliqué Outline functions to draw or place points to define a line of any shape to create an appliqué outline. Select a Color Command or Stop Command to start the appliqué piece from, then draw the outline. Use Freehand Tablet Appliqué Outline to draw a line of any shape to create an appliqué outline. Use Freehand Point Appliqué Outline to place points to define a line of any shape to create an appliqué outline.

**Appliqué Hole**

Use the Appliqué Hole functions to draw or place points to define a line of any shape to create a hole within the selected appliqué area. Select the desired Appliqué Piece so its points are displayed, then draw the hole. Use Freehand Tablet Appliqué Hole to draw a line of any shape to create a hole within the selected appliqué area. Use Freehand Point Appliqué Hole to place points to define a line of any shape to create a hole within the selected appliqué area.

**Express Appliqué**

Use Express Appliqué to automatically find appliqué stitches within an existing embroidery, and apply an appliqué fabric to them.

*Multiple appliqué areas can be detected in the same design. To add appliqué to part of a project, select the desired embroidery before using Express Appliqué.*

**Select Piece**

Use Select Piece to select an Appliqué Piece to alter its shape and preview or adjust its fabric. Click Select Piece, and then click the desired Appliqué Piece.

Use Next Piece and Previous Piece to select the next or previous Appliqué Piece in the stitchout order.

*Next Piece and Previous Piece will select an appliqué piece even if no appliqué piece is currently selected.*

Use Insert Points to add new points into the currently selected Appliqué Piece, and Delete Points to delete points from the currently selected Appliqué Piece. Use Delete Piece to delete the currently selected Appliqué Piece with its outline.

**Select Appliqué Pieces**

1. Click Change Hoop. From the Universal Hoop Group, set the Hoop Size to 100mm x 100mm - Universal Square Hoop 1. Click OK.
2. Click File, New to open a new window.
3. In the Quick Access toolbar, click Insert and in the folder Documents\Premier+2\Samples\Premier+Emb\Stitch load the embroidery 'Blocks_fixed'.
Click the Appliqué tab.  
*Note that the Select Piece icon is available. This indicates that there is at least one appliqué piece in the embroidery.*

Click Select Piece, then click the A block. The points outlining the appliqué appear.

Click and drag one of the points to change the shape of the appliqué.  
*Note that you can change the shape of the appliqué area, but this does not affect the satin border.*

Click Undo to return to the original shape.  
You can also use the Fabric Handle to change the position and rotation of the fabric.

Click Next Piece. The letter C block is now selected.

Click Previous Piece twice. First the A and then the B are selected.

Click Delete Piece. The appliqué fabric for the B block is removed, leaving the border lines.

### Select Fabric

Use Select Fabric to audition a fabric for the selected appliqué piece in the Appliqué Selection dialog box. Select the desired appliqué piece, then click Select Fabric and the Appliqué Selection dialog box appears.

### Appliqué Selection

Use the Appliqué Selection dialog box to change and add appliqué fabrics.

*You can only change the pattern position of the appliqué pieces for fixed embroideries. To change the appliqué fabric pattern position for lettering, SuperDesigns and Frames, fix as an embroidery. To change the fabric or angle only, or the appliqué piece margin, use the context menu.*

Use the Appliqué Selection dialog box to select a fabric or picture to use for appliqué. Click OK to use the selected appliqué fabric.

### Appliqué Type

Choose an appliqué type (or simply select one of the recently used swatches). Select from:
Quick: Select a color and texture for your fabric. In the PREMIER+™ 2 QuickFont Wizard only the Quick Appliqué options are available.

Fabric: Select a background fabric, or add a new background fabric from a picture. Set the angle for the fabric.

Picture: Create an individual non-tiling appliqué from a picture. For instance, use a photo for a printed appliqué memory piece.

Cut-out: Create an appliqué placement line as a guide to where the fabric should be cut to form a hole; for example, for reverse appliqué.

**Background Picture Viewer**

Use the Picture Viewer to select a fabric from the system fabrics, or from My Fabrics.

Choose a fabric folder
---
Scroll to view more folders
---
Click to select a fabric
---
Scroll to view more fabrics
---
Load the selected fabric
---
Change the icon size
---

**Export Appliqué**

Use Export Appliqué Pieces in the File menu to save or print appliqué outlines.

Export a SVG, DXF or FCM file for use in a fabric cutter
---
Use 2 or 4 cutwork needles
---
Add secure points for fabric stability
---
Export a .vp3 or .vp4 stitch file
---
Print as an outline template for cutting out
---
Print onto printable fabric or an iron-on transfer
---
Save as a PNG fabric images for a custom layout
Decorate your chosen background and embroidery with beads, sequins, hotfix crystals or nailheads. Choose the desired embellishment in the Decoration Selection dialog, then click to place decorations one at a time, or in lines or shapes. Adjust the placing and type of decorations in your project using Select Decorations or the Context menu.

**Decoration**

Place a single decoration
Draw a line of decorations
Delete the selected decoration or line
Break up a line of decorations

Select and draw a decoration shape
Select a single decoration or a decoration line
Inset or delete points in a line of decorations

**Center or Line Placement**

Center or Line placement stitches are created automatically for decorations according to the options set in PREMIER+™ 2 Configure, which may be altered when you export the embroidery. Alternatively, create a crystal transfer template (rhinestone template) for automated cutters for pressing hotfix crystals and nailheads directly on your work, using File, Export Decoration Template.

Center placement stitches are recommended when most decorations are individual and symmetrical. Line placement stitches are recommended when most decorations are individual and asymmetrical (such as bugle beads) or lines of closely spaced beads or sequins.

Decorations are placed on top of the background, appliqué and embroidery. The Decoration tab is only available in PREMIER+™ 2 Embroidery Extra.
Adding Decorations

Add beads, sequins, crystals or nailheads to your project as individual decorations with Place Individual, or as lines of decorations with Draw Line or Draw Shape. Insert a special SuperDesign with decorations using Decoration SuperDesign.

Decorations are added as a decoration subdesign or to an existing decoration subdesign if one is selected.

Use Select Decoration and Properties or the Context menu to make changes to the line of decorations.

Place Individual Beads on an Embroidery

1. Load the desired background and embroideries.
2. Position the embroideries as desired.
3. Click the Place Individual icon. The Decoration Selection dialog box will appear.
4. Click to select the desired bead type and material.
5. Click the Color drop-down menu and use the Colors dialog box to select a color, or choose a color in the Quick Colors.
6. In Size, select the desired bead size.
7. Choose the angle of rotation of the bead in Angle.
8. Click OK to close the Decoration Selection dialog box.

The cursor changes to the Insert cursor to show that you may place beads.

9. Click in the work area to place the bead. Each click will place one bead. Click and drag will have no effect while placing beads. Use Undo to remove the last bead.

10. When you have placed all the beads as desired, right-click and select “Finish placing individual” in the Context menu to end.

11. Repeat the process to place more beads as desired.

12. Use File, Export Decoration Template to create a crystal transfer template (or rhinestone template) for pressing hotfix crystals and nailheads directly onto your work.

Draw Line

Use Draw Line to place lines of decorations on your project. Select a bead, sequin, crystal or nailhead using your preferred material, size and color in the Decoration Selection dialog, and then draw your line.

Select the angle of Rotation, and choose whether the line of decorations will follow the line drawn (Follow Line), or if they will use the angle set in rotation (Stepped).

Use Freehand Tablet Line to click and drag to draw a line of decorations. Use Freehand Point Line to place points to draw a line of decorations.

Draw Shape

Use Draw Shape to draw a shaped line of decorations on your project, using the shape currently selected in the gallery of preset shapes.

Once placed, a decoration shape is treated as a line of decorations. Click the drop-down arrow to the right of the shapes gallery, and scroll to select the desired shape in the list. Click Draw Shape, and select a decoration type in the Decoration Selection dialog.
The shape is shown as a red and cyan line, with handles to resize, flip and rotate the shape. To move the shape, click and drag inside the shape.

Resize the shape with the resize handles on the corners. Hold down Ctrl as you click and drag to retain the current proportions of the shape.

When the shape is sized and positioned as desired, right-click and select "Finish placing shape" in the Context menu to create the shape.

Decoration SuperDesign

Use Decoration SuperDesign to insert a Decoration SuperDesign into your current project. Change the size, color and decoration type to complement your project.

Click Decoration SuperDesign and in the File Viewer dialog box, scroll down and click to highlight the desired design. Click Open to load the decoration design.

Editing Decorations

Use Select Decoration to select single decorations positioned with Place Individual, or lines placed with Draw Line or Draw Shape. You can adjust or delete individual decorations, and insert or delete points along lines of decorations, or break up or delete complete lines of decorations.

Alternatively, for a quick and easy way to change decorations, right-click a decoration subdesign and select all decorations of a specific type from the Context menu. The Decoration Selection dialog box opens. Use the Context menu to change decorations when in other PREMIER+™ 2 Embroidery tabs.

Resizing and Reshaping Decorations and Lines

1. Click Decoration SuperDesign and in the File Viewer select ‘Bear Lg 1’ in the Faces folder. Click Open to load it in the work area, then close the File Viewer.
2. Click Select Decoration, then click one of the beads in the bear’s ears. This selects a single bead, as the bead has been placed individually. Select Decoration enables you to change individual beads and lines in a Decoration SuperDesign or other subdesign.
3. Click one of the beads in the outline of the bear’s face. This bead is part of a line of beads.
4. Right-click, and select "Finish selection decoration" in the Context menu.
5. Click and drag one of the green corner handles for the Decoration SuperDesign to make it larger.

The beads placed individually become more widely spaced. If desired, place individual additional decorations, or adjust the size. The line forming the outline of the bear's face shows an increased number of beads as the circle enlarges.
When a line or shape is enlarged, the number of decorations increases. It decreases as the line or shape is made smaller.

Inserting and Deleting Points and Decorations

Use Insert Points to add new points to the currently selected line of decorations. Use Delete Points to delete points from the currently selected Line of Decorations. Use Delete Selection to delete the currently selected individual decoration, or line of decorations. Use Break Up Line to break up the currently selected line of decorations into individual decorations for independent editing.

Use Break Up Line to create a line or shape with alternating colors. Once the line or shape has been broken into individual decorations, use Ctrl and click to select alternate decorations, then right-click the selected decorations and select Properties in the Context menu to change their color.

Decoration Selection

Use the Decoration Selection dialog box to choose beads and sequins.

Decorations

The following types of decorations are available, in a variety of colors, materials and sizes:

<table>
<thead>
<tr>
<th>Shape</th>
<th>Size (in mm)</th>
<th>Shape</th>
<th>Size (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round</td>
<td>4, 5, 6, 7, 8, 9, 10</td>
<td>Crystal Rectangular</td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Oval</td>
<td>4, 5, 6, 7, 8, 9, 10</td>
<td>Crystal Round</td>
<td>1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 12.0</td>
</tr>
<tr>
<td>Seed</td>
<td>1.0, 1.5, 2.0, 2.5, 3.0</td>
<td>Crystal Square</td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Bugle</td>
<td>4, 5, 6, 7, 8, 9, 10</td>
<td>Crystal Triangle</td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
</tbody>
</table>
The Preview shows the decorations in two orientations so you can visualize their placement accurately.

### Sizes for Crystal Round and Nailhead Round Decorations

- **Bugle Twisted** 4, 5, 6, 7, 8, 9, 10  
- **Sequin Cup** 2, 3, 4, 5, 6, 7, 8, 9, 10  
- **Sequin Flat** 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20  
- **Sequin Flower** 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20  
- **Sequin Heart** 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20  
- **Sequin Snowflake** 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20  
- **Sequin 5-Point Star** 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20  
- **Sequin 6-Point Star** 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20  
- **Crystal Oval** 3, 4, 5, 6, 7, 8, 9, 10

<table>
<thead>
<tr>
<th>Decoration</th>
<th>Sizes</th>
<th>Nailhead Shape</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bugle Twisted</td>
<td>4, 5, 6, 7, 8, 9, 10</td>
<td></td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Sequin Cup</td>
<td>2, 3, 4, 5, 6, 7, 8, 9, 10</td>
<td></td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Sequin Flat</td>
<td>2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20</td>
<td></td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Sequin Flower</td>
<td>2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20</td>
<td></td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Sequin Heart</td>
<td>2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20</td>
<td></td>
<td>1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 12.0</td>
</tr>
<tr>
<td>Sequin Snowflake</td>
<td>2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20</td>
<td></td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Sequin 5-Point Star</td>
<td>2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20</td>
<td></td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Sequin 6-Point Star</td>
<td>2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20</td>
<td></td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Crystal Oval</td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
<td></td>
<td>3, 4, 5, 6, 7, 8, 9, 10</td>
</tr>
</tbody>
</table>

When purchasing round crystals, nailheads or rhinestones, manufacturers’ sizes may use the term SS (stone size) or PP (pearl plate).
ExpressDesign Wizard

Use the ExpressDesign Wizard to create new embroideries automatically from pictures. There are three embroidery types that can be created in the ExpressDesign Wizard: Express Embroidery, Express Trace and Express Border.

Express Embroidery

Create a new embroidery by converting color areas in a picture to fill and satin areas, outlining it with running stitch or satin line.

Express Trace

Create a new embroidery by tracing outlines in a picture.

Express Border

Create a new embroidery or appliqué design by creating borders around shapes in a picture.

The ExpressDesign Wizard is only available in PREMIER+™ 2 Embroidery Extra.

Create an ExpressDesign Embroidery

1. Click the Wizards tab.
2. In the ExpressDesign drop-down list choose ExpressDesign into Hoop or ExpressDesign into Rectangle.
   *ExpressDesign into Hoop creates an embroidery that is a best-fit to the currently selected hoop.*
   *ExpressDesign into Rectangle creates an embroidery that is a best-fit to a rectangular area you draw.*
3. In the Choose Design Type wizard page, select the desired design type from: Express Embroidery, Express Trace, or Express Border, then click Next.
4. Select a picture in the Choose Picture page.
5. Step through the rest of the ExpressDesign Wizard.
6. When you Finish, the new embroidery will be placed in the center of the hoop, or where you drew the rectangle, fitting proportionally, depending on the picture shape.
7. Use Save to keep the new embroidery in multipart .vp4 format.
8. Use Export to save in other formats, and optimize for stitching.

ExpressDesign into Hoop and ExpressDesign into Rectangle

Use the ExpressDesign into Hoop option to create a new embroidery in the ExpressDesign Wizard that is a best-fit to the currently selected hoop and orientation.

*If desired, click Change Hoop and choose a different hoop size before using ExpressDesign into Hoop.*

Use the ExpressDesign into Rectangle option to create a new embroidery in the ExpressDesign Wizard that is a best-fit to a rectangular area you draw.

*If the rectangle is wrong and you wish to try again, click Cancel when the ExpressDesign Wizard appears. Then click ExpressDesign into Rectangle again.*
Choosing and Optimizing Pictures for the ExpressDesign Wizard

If you wish to modify a picture before using it in the ExpressDesign Wizard, you will need to use a picture editor. If you have it available, use PREMIER+™ 2 PhotoStitch to adjust your picture, save it with a new name, then use the new picture in the ExpressDesign Wizard. 

*It is recommended to keep your original picture in case you wish to adjust it again with different options.*

**General Considerations**

The ExpressDesign Wizard works best with pictures that have well defined color areas and outlines.

You may wish to tidy up a picture before using it in the ExpressDesign Wizard, by deleting elements that are not required. Some pictures have stray or irregular lines and shapes that are not part of the main picture. For example, lines that add emphasis or suggest movement, speech or thought bubbles, decorative symbols, undesirable text, date marks.

**Picture Proportions**

To fill the hoop or rectangle, the picture proportions should be similar to the proportions of the hoop or rectangle you draw. The Rotate and Crop Picture page of the ExpressDesign Wizard can be used to crop the picture to the desired proportions.

**Cleaning a Picture**

Some pictures may have random marks, speckles or excess details. If desired, use an image editor to clean up your picture before importing it. For example, you may have an outline in a picture that is serrated on one side. Smoothing such an outline will usually give better results, particularly from Express Trace and Express Border.

Before cleaning: the line has shading serrations and there are dust marks from the scan

After cleaning: the line is smooth and the dust marks have been removed

**Enhancing Details**

The significance of details in a picture is dependant on the overall size of the picture after it is cropped, so small details are more significant in a small picture. Also, small details are enlarged as the size of the created embroidery increases, so extra detail may appear if you simply make a larger embroidery with the same picture.

However, very small details in a picture may sometimes be ignored, as they may not have enough significance to be created as an area or outline in the embroidery. To enhance details, select Picture Options in the ExpressDesign Wizard, ensure Expand Pixel-Thin Lines
is selected and set the Area Sensitivity to High. If this does not work, either enlarge the
details in your picture editor, or, for outline details, connect small details together so they
are created as a single outline.

Thick lines in a picture may be created as satin border when you would prefer regular
outlining for a more detailed effect. To automatically reduce thick outlines, select Reduce
Thick Lines in the Picture Options.

Pictures for Express Embroidery

Many types of picture are suitable for creating an Express Embroidery. The primary factor,
however, is to use pictures with well defined color areas and/or well defined outlines.
Pictures that have complex color areas, such as photographs or scanned pictures that
have not been cleaned up, can be used to create an Express Embroidery, but you may not
get the best result unless some time is spent modifying the original picture.

Connected Outlines

When editing or creating a picture, check how the outlines are connected to each other
and, where possible, look for unobtrusive places to connect outlines. When the outlines
are more connected, there will be fewer movement stitches in the final embroidery and
the embroidery will also stitch out more efficiently. Also, for smaller embroideries, adding
connections between outlines will be less noticeable and will also prevent small sections
of stitches that might be less secure.

Stippled Pictures

Stippled pictures are not suitable for creating an Express Embroidery. This is because the
color areas approximate solid colors with dots of two or more colors in a stipple pattern.
Stippled pictures may be used for Express Trace or Express Border, if they have solid
outlines or areas that can be extracted using Monochrome Threshold.

Choose Design Type

- Convert color areas to satin and fill
- Trace picture outlines
- Create borders or appliqués around shapes in a picture
Choose Picture

Select a picture file on your computer
Paste a copied picture
Import a picture from a scanner or camera
Load a picture from Facebook®, Instagram®, Flickr®, or Twitter®
The picture is previewed

Use the Choose Picture page to select the picture you wish to convert to a design. Select a picture from clipart, or one you have previously scanned or created in an image editor. Alternatively, paste a captured picture, or one from social media.

The following file formats may be loaded: Windows or OS2 Bitmap (.bmp), JPEG-JFIF Compliant (.jpg, .jif, .jpeg), PatternCAD (.4dq), Portable Network Graphics (.png), Tagged Image File Format uncompressed (.tiff, .tif), Windows Meta File (.wmf), Windows Enhanced Meta File (.emf) and Windows Icon (.ico).

PREMIER+™ 2 Embroidery Extra also includes additional clipart, which may be used in the ExpressDesign Wizard. The additional clipart is installed to Documents\Premier+2\Samples\Premier+Emb\Pics2.

Rotate and Crop Picture

Zoom in and out
Change the angle of the picture
Select the whole picture
Use the default crop settings
Adjust the crop lines as desired

If required, rotate the picture to any angle from 0 to 359 degrees. For example, this is useful for straightening scanned pictures.
When the picture is rotated between the 90 degree steps, the picture is made larger and the detected background color is added. If there is no distinctive background color, white is used.

Use the Crop function to select the section of the picture that is to be used to create the design. The picture is automatically cropped to remove excess background color. If required, adjust the crop lines to select the desired part of the picture.

*Sometimes, the automatic crop area may not appear to remove as much background color as possible. This can happen when the background color appears to be a plain color, such as white, but actually has minor variations that are not immediately visible. For example, this often happens with the JPEG-JFIF Compliant (*.jpg, .jif, .jpeg) picture format.*

**Outline Finder and Expander**

The Outline Finder and Expander page of the ExpressDesign Wizard only appears if you are creating an Express Trace design. If the picture consists of mainly solid color areas, use this page to create outlines appropriate for tracing.

**Find Outlines**

Select this option to find the outlines in your picture and show them in the preview area.

*Find Outlines looks for distinctive boundaries between color areas in the picture. Pictures that have gradual color changes, such as photographs or previously scanned pictures saved in JPEG format, may not have strong color boundaries that can be detected by Find Outlines.*

**Expand**

This is only available when Find Outlines is selected. Use this option to increase the thickness of outlines that have been found, by adding up to 5 pixels on each side of the lines. It is initially set to 1. Lines are traced down the center by Express Trace, so setting Expand to at least 1 will allow curves to be traced more smoothly and continuously.

If desired, use higher Expand values to merge outlines when parallel outlines are close together. Alternatively, you may be able to exclude unwanted lines by using Monochrome Threshold on the next page.
Monochrome Threshold

The Monochrome Threshold page of the ExpressDesign Wizard appears if you are creating an Express Trace or Express Border design.

The Monochrome Threshold turns all shades or colors in the picture into either black or white. It acts on the whole picture. The Monochrome Threshold creates defined areas that are suitable for creating the final designs.

*Interior details, within enclosed shapes in the picture, will not be preserved when creating Express Border.*

Express Embroidery Options

Choose Thread Colors

The Choose Thread Colors page of the ExpressDesign Wizard only appears when you are creating an Express Embroidery. Use the Choose Thread Colors page to match thread colors to colors in the picture, to set the number of colors, and to choose the color order. Select whether or not to keep the background and, if desired, pick a different background.
color. Optionally, choose whether or not to expand thin lines and set the sensitivity to small areas in the picture.

The maximum Number of Colors is 256. For pictures with less than 256 colors, the maximum is the total number of colors in the picture.

The color list shows the colors that have been automatically selected. The colors are picked to give the closest representation of the original picture with the current Number of Colors. Each time the number of colors is changed, this list is updated. Sometimes, when the Number of Colors is reduced to a low number, colors will be chosen that are averages of two or more prominent colors in the picture. This can give a posterized appearance to the Reduced Colors Preview.

*When more than one color in the picture is matched to the same thread color, the number of color changes in the final embroidery is reduced.*

**Picture Options**

**Black Lines**
There are three options for handling black lines in your picture.

Select Expand Pixel-Thin Lines to make black lines thicker, to prevent broken lines where pixels join at corners. This option is on by default, to ensure that outlines in the picture are continuous.

**Area Sensitivity**
Area Sensitivity is used to determine how significant small areas of color in the picture may be. Use High sensitivity to increase the detail extracted from the picture. This is useful, for example, when facial details are ignored at Medium sensitivity.

**Fabric and Stitch Type Options**

The Fabric and Stitch Type Options page of the ExpressDesign Wizard only appears when you are creating an Express Embroidery. Use the Fabric and Stitch Type page to choose the fabric that the design will be stitched onto, and the preference for fill areas or satin areas.
Fabric Advisor
Choose the fabric on which the design will be stitched. Adjustments are made in the embroidery creation process to suit the chosen fabric, such as the type of underlay chosen for individual areas of satin or fill.

Choose Design Underlay to provide stitching below the whole embroidery, in addition to automatic underlay in different areas.

*When Design Underlay is turned off it is easier to convert areas to lightly stitched specialty fills in PREMIER+™ 2 Modify or PREMIER+™ 2 Create.*

Express Trace Options

The Express Trace Options page of the ExpressDesign Wizard only appears if you are creating an Express Trace design. Select whether lines in the picture will be traced with a combination of double and running stitch, a combination of triple and running stitch, or satin line. Also select the thread color.

Express Border Options

Choose a stitch type for the border. Set the properties for the border. Add appliqué to the design. Select the thread color. Enhance detail in the picture. View the design information. Place on the work area. Make further edits.
The Express Border Options page of the ExpressDesign Wizard only appears if you are creating an Express Border design. Use the Border Options to select the type of stitching used for the borders, and to choose the thread color.

Select the type of border to create around areas of the picture from one of the following: Satin Line , Running Stitch , Double Stitch , Triple Stitch , Motif Line .

Appliqué
Select Appliqué  to use appliqué within the borders of the design.

- Click Select Fabric to change the appliqué fabric.
- Click Appliqué Options to select the appliqué type.

*When Appliqué is selected, the preview shows where the appliqué fabric should be placed.*

Appliqué Options
Use the Appliqué Options dialog box to select an Appliqué Method for appliqué placement, and set the Appliqué Piece Margin. When appliqué is created from a border shape, additional stitches are added at the beginning of the embroidery for placing appliqué fabric. Use these options to determine how these stitches are added.

Using Express Embroidery, Trace and Border

Create a Happy Sun Embroidery

1  If required, click File, New Window.
2  In the Quick Access toolbar click Change Hoop  and set the hoop size to 100mm x 100mm - Universal Square Hoop 1. Click OK.
3  Click the Wizards tab.
4  Click the drop-down arrow beneath the ExpressDesign Wizard icon , then click ExpressDesign into Hoop . The Choose Design Type page of the ExpressDesign Wizard appears.
5  Leave Create Express Embroidery selected and click Next. The Choose Picture page of the ExpressDesign Wizard appears.
6  Click Load a Picture  and the picture viewer will appear.
7  Browse to the folder Documents\Premier+2\Samples\Premier+Emb\Pics.
8  Click 'Happy Sun.png' and click OK.
   The picture is loaded onto the Choose Picture page, with its name shown below the preview area.
9  Click Next and the Rotate and Crop Picture page will appear. No rotation or adjustment of the crop lines is needed, so click Next and the Choose Thread Colors page will appear.
10 There are 7 colors automatically picked for this picture. For this picture, it is recommended to use all 7 of the detected 7 colors, so no adjustment is needed.
For other pictures, you may wish to increase or decrease the number of colors picked. Click the up and down arrows next to the number, or click in the box and enter the desired number.

11 If the colors in the color list are not set to Robison-Anton Rayon 40, click the drop-down arrow at the end of the Change All To box and select Robison-Anton Rayon 40.

12 Ensure the Automatically Remove Background Color checkbox is selected to remove the white background. In Background Color, the large white square shows that white is the detected background color. When Automatically Remove Background Color is selected, the background color is replaced by a check pattern in the Thread Color Preview. This shows where there will be no stitches.

13 Click the Picture Options button.

14 In the Picture Options dialog, ensure that Expand Pixel-Thin Lines is selected in Black Lines.

15 In Area Sensitivity, ensure that the setting is Medium.

16 Click OK.

17 Click Next. The Fabric and Stitch Options page appears.

18 Leave fabric as Woven.

19 Select Design Underlay. Leave Design Underlay deselected (unchecked) if you plan to alter stitch types after creation.

20 Move the Preferred Stitch Type slider to 4. This will use fill for the sun's face, and satin for the sun's rays.

21 Click Refresh Preview. The embroidery shown in the preview area is updated.

22 Click Finish. The Happy Sun embroidery appears on the work area.

Create a Happy Sun Express Trace

1 If required, click File, New Window, then click the Wizards tab.

2 Click the drop-down arrow beneath the ExpressDesign Wizard icon, and then click ExpressDesign into Rectangle. The pointer changes to the draw rectangle pointer.

3 Starting at the corner of a grid square, click and drag to draw a square that is seven by seven grid squares. If the rectangle is wrong click Cancel when the Choose Design Type page appears and return to step 2.

4 Release the mouse button and the Choose Design Type page of the ExpressDesign Wizard will appear.

5 Select the Create Express Trace option.

6 Click Next and the Choose Picture page will appear.

7 Click Load a Picture and the picture viewer will appear.
8 Browse to the folder Documents\Premier+2\Samples\Premier+Emb\Pics.
9 Click ‘Happy Sun.png’, then click OK. The picture will be loaded onto the Choose Picture page.
10 Click Next and the Rotate and Crop Picture page will appear. No rotation or cropping is required, so click Next and the Outline Finder and Expander page will appear.
11 The picture already has outlines that can be used, so ensure the Find Outline option is not selected (unchecked). Click Next and the Monochrome Threshold page will appear.
12 Set the Monochrome Threshold to less than 75, so that only the outlines show in the preview.
13 Click Next and the Express Trace Options page will appear.
14 Ensure Double Trace is selected. Double Trace traces lines in the picture with a combination of double stitch and running stitch. Quadruple Trace creates a bolder effect by using a combination of triple stitch and running stitch.
15 Click the Thread Color icon and set the thread color to Sulky Rayon 40 1124 (Sun Yellow). The preview shows the chosen thread color.
16 Click Finish and the Happy Sun embroidery will appear on the work area, where the rectangle was drawn.

Create an Umbrella Border

1 If required, click File, New Window, then click Change Hoop in the Quick Access toolbar.
2 Set the hoop size to 100mm x 100mm - Universal Square Hoop 1. Click OK.
3 Click the Wizards tab.
4 Click the drop-down arrow beneath the ExpressDesign Wizard icon, then click ExpressDesign into Hoop. The Choose Design Type page of the ExpressDesign Wizard appears.
5 Select the Create Express Border option and click Next. The Choose Picture page appears.
6 Click Load a Picture and the picture viewer will appear.
7 Browse to the folder Documents\Premier+2\Samples\Premier+Emb\Pics.
8 Click ‘Umbrella.png’, then click OK. The picture will be loaded onto the Choose Picture page.
9 Click Next and the Rotate and Crop Picture page will appear.
10 Click Select All. This will create a small margin around the embroidery, so that it does not touch the edge of the hoop area.
11 Click Next and the Monochrome Threshold page will appear.
12 Set the Monochrome Threshold to 244 or more, so that all of the colored areas in the umbrella are black. This creates a clear shape to use for the border. If a lower number is used, extra lines may appear, or there may be gaps.
13 Click Next and the Express Border Options page will appear.
14 Ensure that Satin Line is selected as the Border Type.
15 Click Stitch Options. The Satin Line dialog box will appear.
16 Ensure that Width is set to 2.0mm, that Density is set to 4, and that Underlay is selected, then click OK.
17 Click the Thread Color icon and set the thread color to Robison-Anton Rayon 40 2259 (Wild Pink). Click OK. The umbrella is now pink.
18 Ensure that Appliqué is selected and click Select Fabric.
19 In the Quick Colors section of the Appliqué Selection dialog box, choose a fabric and color that will match the satin line for the border. Click the arrow to the right of the Quick Colors to view more colors.
20 Click Finish to place the embroidery on the work area.
Use the PhotoStitch Wizard to create new embroidered PhotoStitch portraits automatically from photos, including photos from social media sites. Also browse to a photo on your computer, or acquire pictures from a digital camera or scanner.

*The PhotoStitch Wizard is available only if you own PREMIER+™ 2 Embroidery Extra.*

*The Color PhotoStitch, Sepia PhotoStitch, Monochrome PhotoStitch and Color Tile PhotoStitch options in the PhotoStitch Wizard are available only if you own PREMIER+™ 2 ULTRA. Further information can be found in the PREMIER+™ 2 PhotoStitch Reference Guide. The full PREMIER+™ 2 PhotoStitch module is available only if you own PREMIER+™ 2 ULTRA.*

**Color PhotoStitch Embroidery**

Create a PhotoStitch embroidery from a color photo, generating a randomized pattern of stitches, using multiple threads for a full color result.

Color PhotoStitch works best when using pictures with a good color range, and a well defined, differently colored or transparent background.

**Sepia PhotoStitch Embroidery**

Create a sepia embroidery from an old sepia or black and white picture, or create a sepia effect embroidery from a color picture, to give a heritage look, similar to old photos. PhotoStitch generates a randomized pattern of stitches, using sepia colored threads.

Sepia PhotoStitch works best when using pictures with good contrast, and a well defined or transparent background.

**Monochrome PhotoStitch Embroidery**

Create a PhotoStitch embroidery from a black and white photo, generating a randomized pattern of stitches, using threads in grayscale color ways

Monochrome PhotoStitch works best when using pictures with good contrast, and a well defined or transparent background.

**Color Tile PhotoStitch Embroidery**

Create a PhotoStitch embroidery from a color photo, generating small blocks of stitches in varying shapes with a tiled effect, using multiple threads for a full color result. PhotoStitch automatically generates tiled blocks of stitching in the selected colors. Select from diamond, square or hexagon shaped blocks.

The color tile method is ideal for achieving artistic, impressionistic embroideries. Color Tile PhotoStitch Embroidery works best when using pictures with good contrast, and a well defined or transparent background.
Linear PhotoStitch Embroidery

Create a PhotoStitch embroidery from a color or monochrome photo, generating a linear pattern of stitches, or a Maze or Spiral artistic effect, using one thread for a single color result. There are six effects available.

Linear PhotoStitch works best when using a photo with good contrast on the face, and without areas of deep shadow. If the background is transparent, parallel scan lines will be created.

PhotoStitch Wizard

Select the PhotoStitch Wizard in the Wizards tab to create an embroidery from a photo.

PhotoStitch Into Hoop

Use the PhotoStitch Into Hoop option to create a new embroidery in the PhotoStitch Wizard that is a best-fit to the currently selected hoop.

If desired, click Change Hoop and choose a different hoop size before using PhotoStitch Into Hoop.

Click PhotoStitch Into Hoop and the Choose Embroidery Type page of the PhotoStitch Wizard will appear. Choose the desired design type, then choose a picture and step through the rest of the PhotoStitch Wizard. When you finish, the new embroidery will be placed in the center of the hoop. Depending on its shape, it will fit in the hoop vertically and/or horizontally. Use Save to keep the new embroidery in multipart .vp4 format, together with any other embroideries in the work area, and use Export to save in other formats, and optimized for stitching.

Shortcuts

- Wizards Tab: Wizards Tab: Wizards Tab:
- Keys: Alt, W, P, H

PhotoStitch Into Rectangle

Use the PhotoStitch Into Rectangle option to create a new embroidery in the PhotoStitch Wizard that is a best-fit to a rectangular area you draw.

Click PhotoStitch Into Rectangle and the mouse pointer will change to the draw rectangle pointer. Click and drag on the work area to draw a rectangle of the desired size. When you release the mouse button, the Choose Embroidery Type page of the PhotoStitch Wizard will appear.

If the rectangle is wrong and you wish to try again, click Cancel when the PhotoStitch Wizard appears. Then click PhotoStitch Into Rectangle again.

Choose the desired design type, then choose a picture and step through the rest of the PhotoStitch Wizard. When you finish, the new embroidery will be placed where you drew the rectangle, and will fit the rectangle proportionally, depending on the picture shape. Use Save to keep the new embroidery in multipart .vp4 format, together with any
other embroideries in the work area, and use Export to save in other formats, and optimized for stitching.

Shortcuts

- Wizards Tab, PhotoStitch Wizard Drop-Down: 
- Keys: Alt, W, P R

Using the PhotoStitch Wizard

1. Start the Wizard. It opens at the Choose Embroidery Type page.
2. Click the desired option. Choose from:
   - Create Color PhotoStitch Embroidery
   - Create Sepia PhotoStitch Embroidery
   - Create Monochrome PhotoStitch Embroidery
   - Create Color Tile PhotoStitch Embroidery
   - Create Linear PhotoStitch Embroidery.
   
   Color PhotoStitch, Sepia PhotoStitch, Monochrome PhotoStitch and Color Tile PhotoStitch options are available only if you own PREMIER+™ 2 ULTRA.
3. Click Next. The Choose Picture page appears.
4. Click the desired option from:
   - Load a Picture, to select an existing picture file.
   - Paste Picture to load the picture in the Clipboard Block.
   - From Scanner or Camera to obtain a picture directly from a scanner or digital camera.
   - Social Media Picture to load a picture from Facebook®, Instagram®, Flickr®, or Twitter®.
5. Select your picture. The picture will appear in the preview pane.
6. Click Next. The Rotate and Crop Picture page appears.
7. If required, rotate the picture to any angle from 0 to 359 degrees. This can be useful when straightening scanned pictures.
8. If required, adjust the crop lines to select the desired area of the picture. Click Automatic to start again.
   Click and drag anywhere inside the crop box to move it.
   The dotted lines show the crop size.
   Alternatively, crop to a fixed orientation, selecting from square, portrait and landscape.
9 Click Next. The Remove Background page appears.

10 Use Flood Fill to remove adjacent areas with a similar color. Use the Large, Medium, and Small Erasers to 'wipe out' background areas.

Use Undo to reverse the last action, and Reset to go back to the original picture.

For a linear PhotoStitch it is unimportant if a few small specks of background remain, as the background stitch lines will be unaffected. When making a color PhotoStitch it is best to remove all specks of background as they may lead to stray stitches.

11 Click Next. The Picture Options page appears.

12 Autolevel is initially enabled. It adjusts brightness and contrast automatically. Deselect it if the colors appear distorted.

13 To remove the red eye effect caused by flash photography, select Red Eye Removal and draw an ellipse around the affected area.
Increase saturation to make colors more intense, for example to make pale skin tones appear 'warmer'.

Save the picture if desired, in order to adjust the project later.

Click Next. The Design Size page appears. Set the size for the embroidery, using Height or Width. The picture proportions are kept as you resize.

Click Next. If Linear PhotoStitch Embroidery was selected in the Choose Embroidery Type page, the Choose Thread Colors page for Linear PhotoStitch will appear.

To change the thread color, click Thread Color , then select a new color in the Color Selection dialog box.

Select an artistic effect from the drop-down list. The available options are Linear, Spiral and four Maze effects.

Use the Shade Range slider to adjust the range of light and dark in the picture. This page also displays the number of stitches in the embroidery, its height, width, and the total number of color changes.

Select Enhance Detail to bring out detail in the picture, for example in a photo where the face is clear, but the contrast is poor.

Scan Depth refers to the distance between the lines that produce an embroidery from a picture. The lower the Scan Depth figure, the finer the detail in the embroidery, and the more stitches produced. Density changes the density of the stitching along each line, where 1 is the standard default density and 40 is the most open, with the fewest stitches.

Click Finish to close the wizard.
Creating a Color PhotoStitch

If you own PREMIER+™ 2 ULTRA, the extra options Color PhotoStitch, Sepia PhotoStitch, Monochrome PhotoStitch and Color Tile PhotoStitch will be available in the Choose Embroidery Type page.

22 In the Choose Embroidery Type page, select an option and click Next.
23 Progress through the following pages, setting options as desired and clicking Next. The Choose Thread Colors page appears.
24 Adjust the number of colors with the arrows in the Color Selection box, or type in the required number of colors.
If desired, Focal Area can be used to concentrate on the flesh tones in a face, rather than the color of the hair or clothes.
25 To change a particular thread color, select the color, click Change Thread, then select a new color in the Color Selection dialog box. Remove the selected color from the list with Delete, or all colors in the list with Delete All. Go back to the original color list with Reset.

26 Click Next. The PhotoStitch Embroidery Options page appears.
27 Select Enhance Detail to bring out detail in the picture, for example in a photo where the face is clear, but the contrast is poor.

Enhance Detail does not change the colors used, it affects the way that those colors are used. This page also displays the number of stitches in the embroidery, its height, width, and the total number of color changes.
28 Click Finish to close the wizard.
Choose Embroidery Type

Create a full color embroidery
Use monochrome or sepia
Use a color tile effect
Use a single thread to create a single color embroidery

The Color PhotoStitch, Sepia PhotoStitch, Monochrome PhotoStitch and Color Tile PhotoStitch options are available only if you own PREMIER+™ 2 ULTRA.

Choose Picture

Select a picture file on your computer
Paste a copied picture
Import a file from a scanner or camera
Load a picture from Facebook®, Instagram®, Flickr®, or Twitter®

The picture is previewed

Use the Choose Picture page to select the picture you wish to convert to a PhotoStitch. The following file formats may be loaded: Windows or OS2 Bitmap (.bmp), JPEG-JFIF Compliant (.jpg, .jif, .jpeg), PatternCAD (.4dq), Portable Network Graphics (.png), Tagged Image File Format uncompressed (.tiff., tif ), Windows Meta File (.wmf ), Windows Enhanced Meta File (.emf ) and Windows Icon (.ico).

Photos for Linear PhotoStitch

Pictures for Linear PhotoStitch work best when they have strong contrast on the facial features, and no areas of shadow on the face.

Photos with face to camera tend to work better than those taken from the side, as the other side of the face is in shadow. A pale background is often better than a dark background. Try removing the background in PREMIER+™ 2 PhotoStitch, if owned, or picture editing software. Save the picture before making the PhotoStitch.
Rotate and Crop Picture

If required, rotate the picture to any angle from 0 to 359 degrees. This can be useful when straightening scanned pictures. Use the Crop lines to select the section of the picture that is to be used to create the PhotoStitch.

To obtain more detail on an individual’s face it is often helpful to crop so that only the head and part of the shoulders are shown.

Click and drag anywhere inside the crop box to move the crop box.

Remove Background

Use the Remove Background page to remove the background from the photo, so as to emphasize the person’s face, or other subject.

Best results may be obtained if the background is completely removed, leaving only the face itself. Removing heavily contrasting colors in the background brings out the subtle color variations in the person’s features.

For a Linear PhotoStitch it is unimportant if a few small specks of background remain, as the background stitch lines will be unaffected. When making a color PhotoStitch it is best to remove all specks of background as they may lead to ‘stray stitches’.
Picture Options

Use the Picture Options page to remove Red Eye from your picture, and to adjust saturation and contrast in the picture.

**Remove Red Eye Effect from a Picture**

1. Click Select Eye .
2. Use Zoom In to magnify the affected area.
3. Draw an ellipse around the affected eye in the Source Picture panel. Any bright red in that part of the picture has a blue cast added to it, to counteract the red effect.
   *If you make a mistake, use Reset to reverse red eye removal, then try again.*
4. Check the result in the Preview panel.
5. Remove any other examples of red eye in the picture.

**Design Size**

Use the Design Size page to set the height or width of your embroidery, with the other dimension calculated from the picture.
Choose Thread Colors

Use the Choose Thread Colors page to match thread colors to colors in the picture. The Choose Thread Colors page of the PhotoStitch Wizard only appears when you are creating a color, sepia, monochrome or color tile PhotoStitch.

Choose Thread Colors (Linear PhotoStitch)

The Linear PhotoStitch version of the Choose Thread Colors page of the PhotoStitch Wizard only appears when you are creating a linear embroidery.

Use the Choose Thread Colors page to choose the color for the embroidery. Optionally, select an artistic stitch effect, choose whether or not to change the angle of the stitching, and enhance detail and contrast in the picture.

Artistic Effect
Select an artistic effect from the drop-down list. The available options are Linear, Spiral and four Maze effects.
Monochrome Linear
Use Monochrome Linear to use straight lines of thread for the basic stitch pattern. The lines are smooth for light areas of the picture. Zigzag stitches on either side of the lines emphasize the detail of the picture.

Monochrome Spiral
Use Monochrome Spiral to use circular lines of thread for the basic stitch pattern. The lines are smooth for light areas of the picture. Zigzag stitches on either side of the lines emphasize the detail of the picture.

Monochrome Maze
Use the Monochrome Maze and modes to use one of four patterns to build up the picture. The stitching is sparse for light areas of the picture, which also reveals the basic shape used by the Maze mode you have chosen. Increased density of stitching emphasizes the detail of the picture.

Angle
Use Angle to change the angle at which the stitches are created for the embroidery.

Enter an Angle from 0 to 359 degrees. The initial setting is 0.

Alter the Angle by typing a number in the box, or use the up and down arrows to change the number. The computer will recalculate how to stitch the picture.

Changes in Angle are visible in the preview pane.

Shade Range
Change the contrast in the picture. Negative values make the picture darker, and positive values make the picture lighter.

Enhance Detail
Enhance Detail makes details in the picture more prominent. For example, it can be used to improve definition in a photo with good detail, but little contrast.

Scan Depth
Scan Depth refers to the distance between the lines that produce an embroidery from a picture. The lower the Scan Depth figure, the finer the detail shown in the embroidery, and the more stitches produced. Scan Depth may be altered from 1 to 20 (recommended setting 2). The default setting is 2.

Changes in Scan Depth are visible in the preview pane.

Density
Density of stitching along each line may be set from 1 to 40. The lower the number, the closer together the stitches and the more stitches are produced.

Depending on the fabric and machine used, a lower number may produce more detail in the embroidery. However, the recommended (and default) setting is 2.

Changes in Density are visible in the preview pane.
PhotoStitch Embroidery Options

The PhotoStitch Embroidery Options page allows you to view and check the final design in 3D before closing the PhotoStitch Wizard.

After creating a PhotoStitch embroidery, use the Frame or Border tabs to complete your project. Add lettering too, if you wish.

Color Tile Options

The Color Tile Options page of the PhotoStitch Wizard only appears when you are creating a color tile embroidery. Use the Color Tile Options page to select tiles, and set the stitch options for them.

PREMIER+™ 2 PhotoStitch

In the PREMIER+™ 2 PhotoStitch module you can edit your picture further. Remove background areas and red-eye and use image effects and painting tools to improve your pictures. Frame the PhotoStitch automatically with your choice of hundreds of frames, corners or even machine motif stitches. For more information, see the PREMIER+™ 2 PhotoStitch Reference Guide and Help. Only available if you own PREMIER+™ 2 ULTRA.
Quilt Block Wizard

Use the Quilt Block Wizard to create a filled or outline quilt block automatically – you can even create a quilting fill around an embroidery!

*The Quilt Block Wizard is only available in PREMIER+™ 2 Embroidery Extra.*

The most recently used quilt block dimensions are remembered, even if the program has been restarted. Information about the Fill Pattern used is stored in the settings of the embroidery that is created.

**Select Quilt Block Style**

The Quilt Block Wizard starts at the Select Quilt Block Style page. This enables you to select one of five quilt block styles.

Select a style for the quilt block. Choose the desired option, and then click Next to go to the Select Size page.
Filled Quilt Block; Inner Embroidery
Use Filled Quilt Block; Inner Embroidery to make a filled quilt block surrounding an embroidery.

Outline Quilt Block; Filled Inner Shape
Use Outline Quilt Block; Filled Inner Shape to make an unfilled quilt block containing a filled shape.

Filled Quilt Block; Outline Inner Shape
Use Filled Quilt Block; Outline Inner Shape to make a quilt block with an unfilled shape, surrounded by a fill.

Filled Quilt Block; No Inner Shape
Use Filled Quilt Block; No Inner Shape to fill the quilt block with a motif or pattern.

Outline Quilt Block; No Inner Shape
Use Outline Quilt Block; No Inner Shape to create a quilt block without any internal shape or fill. This option is useful when creating blocks to piece.

Select Size
Use the Select Size page to select a shape for your quilt block, set its size and angle, and add a cut line around the block.

Select one of nine shapes
Set the quilt block angle
Set the quilt block size
Create a seam allowance

Select one of nine shapes from the drop-down list.
*All of these quilt block shapes can be tessellated — they will fill an area if tiled individually or combined with another shape, with no overlaps or gaps.*

Use Angle to change the angle at which the quilt block is created and displayed. This is an easy way to place a block "on point".

Click the Rotate 45 icon to rotate the shape by 45 degrees in a clockwise direction.
Load Embroidery

The Load Embroidery page enables you to load an embroidery to use in the center of your quilt block.

Adjust Embroidery

If you loaded an embroidery that was too large for the specified quilt block, it will be outlined in red. Return to the Select Quilt Block Style page and choose a different size for the quilt block, or select another embroidery.

Use the Adjust Embroidery page to set the angle and position of the embroidery within the quilt block, and the margin around it.
Select Shape

Select an internal shape
Set the angle of the shape
Enter dimensions for the shape
Click & drag to resize the shape

Select an internal shape for your quilt block, and set its size and angle.

Select Fill Pattern

Create a stippled fill
Create a fill of parallel lines
Create a crosshatched fill area
Select decorative stitches for a motif fill
Use echo lines around the shape or embroidery
Create a fill of contour lines
Select a shape and motif lines

Choose a fill type for your quilt block, and set the options for it.
Quilt Block Wizard Examples

Surround an Embroidery in a Quilt Block with an Echo Fill

In the Wizards tab, click Quilt Block. The Select Quilt Block Style page appears.

Select Filled Quilt Block; Inner Embroidery. This will create a filled quilt block with an embroidery in the center.

Click Next. The Select Size page appears.

Click the drop-down arrow to the right of the Shape list. There are nine shapes to select from.

All of these quilt block shapes can be tessellated — they will fill an area if tiled individually or combined with another shape, with no overlaps or gaps.

In the Shape drop-down list select Shape 6, a hexagon.

In Enter Size, click the arrow on the drop-down menu. For a hexagon you can select from Point to Point, Side, or Side to Side.

Ensure that Point to Point is selected in Enter Size.

Set measurement A to 150mm.

Ensure that "Include a cut line around my Quilt Block" is selected.

Click Next and the Load Embroidery page of the wizard will appear.

Click the Open Embroidery icon and the Open dialog box appears.

In the Open dialog box, browse to the folder Documents\Premier+2\Samples\Premier+Emb\Stitch2\Flowers.

If required, scroll down to see more embroideries until you see the embroidery 'Iris Single'.
14 Click the ‘Iris Single’ embroidery to select it, then click Open and the embroidery will be loaded onto the preview area. The dimensions, number of stitches, and thread colors used in the embroidery are shown below the preview pane.

15 Click Next. The Adjust Embroidery page will appear. The embroidery is placed in the center of the quilt block shape, with a clear margin and blue fill area surrounding it.

16 Click Rotate 45° twice. The embroidery rotates clockwise by 90 degrees in the preview pane. You can use Angle and Rotate 45° to rotate the shape by 45 degrees, or an angle that you choose, in a clockwise direction.

17 Set the Angle numbers box to zero to return the embroidery to its original position.

18 Click Mirror Vertically to reverse the embroidery. Use Mirror Horizontally to mirror the embroidery from top to bottom, or Mirror Vertically to mirror the embroidery from left to right.

19 Click Mirror Vertically again to set the embroidery back to the previous position.

20 Click the up arrow next to Margin to increase the margin by 2mm. The margin around the flower embroidery grows larger.

21 Click and drag the embroidery so that the margin lies outside the edge of the quilt block. The blue fill disappears, and the line showing the edge of the margin becomes red. You could drag it back to its original position, but it is just as easy to reload the embroidery.

22 Click Back. In the Load Embroidery page, click Open Embroidery to open the Open dialog box and load Iris Single again.

23 Click Next. In the Adjust Embroidery page the embroidery has returned to its original position and settings. If you had clicked Next without loading the embroidery again, your changes would have been retained.
24 Click Next. The Select Fill Pattern page will appear. The embroidery is surrounded by an unstitched margin, and the default fill, a Stipple Fill. The Options button is available to change the Stipple Fill settings.

25 Click Echo. The fill around the embroidery changes to an Echo Fill. The outer lines in the echo fill follow the outline of the quilt block, while the inner lines follow the outline of the embroidery.

26 Click the Options button for Echo Fill. The Echo Fill properties dialog box opens.

27 Set the Gap to 4.0mm, and ensure the Stitch length is 2mm. The Style is set to style 1, rounded corners. You can also use square (Style 2) or diagonal (Style 3) corners. These styles have more significant effects when using the Inner Shape quilt block options.

28 Click OK to view the effect of the changes.

29 The gap between the embroidery and the echo lines is greater than the gap between the lines themselves. Click Back to return to the Adjust Embroidery page.

30 Set the Margin to 4mm, then click Next to return to the Select Fill Pattern page. The first line in the echo fill now starts at the same distance from the embroidery as the other lines are from each other. There are several small 'islands' around the flower.

31 Under Echo, click Options and in the Echo Fill dialog box set the Gap to 4.2mm. Click OK. This increases the distance slightly between the lines of stitching, and removes the small islands, but is still similar to the margin.

Adjust the Gap and Style, and the position of the embroidery to achieve your preferred results.
Click Finish to place the finished quilt block in the work area, as shown.  
**Two rows of stitching around the quilt block show the lines at the edge of the block where the fabric should be cut and folded.**

*Note the orange handles for the group created from the embroidery, the echo lines and the cut line.*

In the Color Worksheet, select the colors for the echo lines and the cut line and change them to the dark purple used in the Iris petals in the embroidery.  
*The color of the stitching in the fill now matches the main color in the embroidery.*

### Show an Echo Around an Embroidery

1. Click New , then in the Quick Access toolbar, click Insert Embroidery . The Open dialog box appears.
2. In the Open dialog box, browse to Documents\Premier+2\Samples\Premier+Emb\Stitch2\Quilting.
3. Click the Blanket Stitch Flower embroidery to select it, then click Open. The flower design appears in the work area.
4. With the flower embroidery still selected, in the Home tab click Copy . The flower appears in the Clipboard.
5. In the Wizards tab, click Quilt Block . The Select Quilt Block Style page appears.
6. Select Filled Quilt Block; Inner Embroidery . *This will create a filled quilt block with an embroidery in the center.*
7. Click Next. The Select Size page appears.
8. Click the drop-down arrow to the right of the Shape list. There are nine shapes to select from.  
   *All of these quilt block shapes can be tessellated — they will fill an area if tiled individually or combined with another shape, with no overlaps or gaps.*
9. In the Shape drop-down list select Shape 6, a hexagon.
10. Ensure that Point to Point is selected in Enter Size, and that "Include a cut line around my Quilt Block" is selected.
11. Set measurement A to 200mm.
12. Click Next and the Load Embroidery page of the wizard will appear. The Blanket Stitch Flower can be seen in the Clipboard Block in the dialog.
13. Click Paste . The blanket stitch flower is placed in the preview pane.  
   *Use Copy and Paste to use embroideries that you have created or loaded in PREMIER+™ 2 Embroidery in the Quilt Block Wizard.*
The dimensions, number of stitches, and thread colors used in the embroidery are shown below the preview pane.

14 Click Next. The Adjust Embroidery page will appear. The embroidery is placed in the center of the quilt block shape, with a clear margin and blue fill area surrounding it.

15 Click Next. The Select Fill Pattern page will appear. The embroidery is surrounded by an unstitched margin, and the default fill, a Stipple Fill. The Options button is available to change the Stipple Fill settings.

16 Click Echo 🎨. The fill around the embroidery changes to an Echo Fill, emphasizing the blanket flower. The outer lines in the echo fill follow the outline of the quilt block, while the inner lines follow the outline of the embroidery.

17 Click Finish to place the finished quilt block in the work area.
Word Sculpt Wizard

Use the Word Sculpt Wizard to create a word design automatically using your choice of outline, words, and fonts.

The Word Sculpt Wizard is only available in PREMIER+™ 2 Embroidery Extra.
The initial size is set by the hoop. The most recently used values are kept within a session. Information about the outline, words and font used is stored in the settings of the embroidery.

Select Outline
Use the Select Outline page to select a shape for your design, set its size and angle, choose a stitch type for the outline and adjust its settings.

Select Words
Enter words for the design
Use only capital letters
Use each word once
Set the font size and margin
Use a random variety of fonts
Choose one font for the design
Select a color palette
Set the orientation of the words
Show or refresh the preview

The Select Words page enables you to enter words, and place them inside the outline.
Create a Fish Word Sculpt Design

1. In the Wizards tab, click Word Sculpt 🐟. The Select Outline page of the Word Sculpt Wizard appears. **A large hoop is best when creating a word sculpture.**

2. Click the drop-down arrow for the Shape list. There are over 200 shapes to select from.

3. In the Shape drop-down list scroll down to the Animals - Underwater category, and select the shape Fish 3. **The size of the design is set by the currently selected hoop. There is no need to change the settings in Select Size for this design.**

4. Ensure that Angle is set to 0, and that Mirror is not selected. **Use Angle and Mirror to adjust the position of the outline.**

5. In Stitch Type ensure that Satin Line 🧰 is selected. **For a different effect, you can select Motif Line 🧤, and click Options to choose a different motif and its settings.**

6. Click Next and the Select Words page of the wizard will appear.

7. In the Words text box, enter the words or phrases to use in your design, separated by a comma. **Not all of your words may be used. Use a word twice in your list if you want it to be frequent in the design. You may find it easier to create the list in a text editor and paste it in.**

   If desired, deselect Upper case only to use upper and lower case letters, and select Use words once only if you do not want words repeated.

8. Set Margin to 1mm to place the words close to each other.

9. Reduce Font Size to 11mm to enable more words to fit into the fish outline.

10. Ensure that Random fonts is selected. **Random fonts will use a variety of fonts recommended for the selected Font Size. For example, both Antonia 10-20mm and Arial 08-14mm may be used when the Font Size is set to 11mm.**

11. In Color Theme, select Blue from the drop-down menu. The outline and words now use various shades of blue.

12. In Orinetation ensure that Random is selected. **For a different effect, choose Horizontal and vertical or one of the other options.**

13. Click Refresh Preview to use your updated settings.

14. Click Refresh Preview again. The arrangement of the words and the number of words used changes.
Change the settings and use Refresh Preview until you are happy with the results.

Click Finish to place the design in the work area. Save this original version, if desired. The design is loaded as a Group, and each word is a lettering Block with Curve line types at Top and Bottom, and Constraint set to Free. You can mould each Block to almost any shape you wish.

Click Restrict Groups, then click the yellow handle on one of the lettering Blocks. You can see the settings for the Block.

For more information on adjusting lettering Blocks, see Creating Lettering in the PREMIER+™ 2 Embroidery Reference Guide or Help.

Click and drag the handles on the block to mould it to the desired shape.

To change the font in a lettering Block, right-click the Block and select Properties in the Context menu. If you want to mould a lettering Block to a larger size, a different font may look better. Check the size range before changing.

To add a word to the design, Copy then Paste one of the words, and move it to the desired position.

Right-click the new word, and in the Letter Properties dialog box change the text and font. Click OK.

In the Color Select area on the Design Panel, click the thread color and set it to match the theme.

Mould the new word to shape.

Add words to your design and mould them to shape, then Save your finished design.
Project-in-the-Hoop Wizard

Use the Project-in-the-Hoop Wizard 🌟 to create an in-the-hoop design using your choice of project type, style and dimensions. Follow the PDF instructions to stitch out your project.

*The Project-in-the-Hoop Wizard is only available in PREMIER+™ 2 Embroidery Extra.*

**Using the Project-in-the-Hoop Wizard**

Select a design Category and a Style, then enter the Dimensions of your project. Click the View PDF Instructions button to view and print a copy of the PDF stitchout instructions.

1. Select a project Category
2. Preview the project type
3. Select a project Style
4. Preview the project design
5. Set the Dimensions for your project
6. Click to view and print the PDF stitchout instructions

After you click OK to select the project, read the instructions in the PDF, view how the project is constructed in the Design Player ➤, and then make any customizations to the main design in the work area.

*Ensure that you change only the decorative embroidery, and not the construction stitching. Preserve the order of the sections of the project.*

*Use the Previous Design ⬅ and Next Design ➤ buttons on the Home tab to step between the sections of the project.*

Change the color of the construction stitching, and the decoration, to suit your fabric.

Save ✓ your project, and then stitch it out in a suitable hoop, following the instructions.
Family Tree Wizard

Use the Family Tree Wizard 🌳 to create an embroidered family chart of up to three generations of ancestors or descendants for an individual.

*The Family Tree Wizard is only available in PREMIER+™ 2 ULTRA.*

Enter the names and relationships of other family members, and select lettering, a frame and connectors to use for the family chart.

Send the tree with the chosen theme to adjust in PREMIER+™ 2 Family Tree. It is also saved as a .ged file. On the work area use Save or Save As to save the family tree embroidery as a grouped .vp4 file for later use.

*The most recently created family tree is stored by the wizard. It is reopened the next time the wizard is used.*

For more information on the Family Tree Wizard, see the PREMIER+™ 2 Embroidery Reference Guide, and for information on PREMIER+™ 2 Family Tree, see the PREMIER+™ 2 Family Tree Reference Guide.

Family Tree Wizard

Select the Family Tree Wizard 🌳 in the Wizards tab to create a family tree for an individual. The Family page of the Family Tree Wizard will appear.

Enter the family members for a Descendants Chart or for an Ancestors Chart, and choose how the names will be presented. Select a font style, thread color, shape and size.

Surround the names with a frame or flourish. Choose Connectors to link the partners in the chart.

Progress through the pages using Next ▶ and Back ◀ to alter each setting, or click Finish ✓ at any time. Click Cancel ✗ to close the wizard without creating a family tree.

*Any existing family tree will be retained in the work area.*

Shortcuts

- Wizards Tab: 🌳
- Keys: Alt, W, F

Overview

1. In the Wizards tab, click Family Tree 🌳 to start the Family Tree Wizard.
2. In the Family page, choose whether to start a Descendants Chart 🌳, or an Ancestors Chart 🌳.
A Descendants Chart shows the partner, children, grandchildren and great-grandchildren of the selected individual. This example uses a Descendants Chart. An Ancestors Chart shows the father and mother, grandparents, and great-grandparents of the selected individual.

If you have previously created a family tree chart, you will be asked if you want to remove the family data that you previously entered. Click Yes to continue. The First Individual dialog box opens.

To save an existing family tree as a .ged file, in the Family page click Send to PREMIER+™ 2 Family Tree ⬇️.

In the First Individual dialog box, enter the Given Name and Family Name of the person the tree is for, and indicate if they are Male or Female.

Click Next to enter further individuals in the family tree.

Enter the details for the First Individual in the family tree. Add the details for the children of the First Individual. Add the details for grand-children of the First Individual.

The family chart embroidery appears as you enter the data.

Enter the names and gender of the partner and children of the first individual, adding the oldest first.

Click Next to add grandchildren (the children of the oldest child).

Click Next again to add grandchildren for each of the other children, and then to add great-grandchildren for each of the grandchildren.

When you have finished entering information for the family tree, click Close to view the tree in the Family page of the wizard.

Use the First Individual 🌳, Children 🌳, Grandchildren 🌳, and Great-Grandchildren 🌳 buttons to change the details for the individuals that you entered. The dialog box opens at the oldest; click Next to view the other siblings.

Use the Display Names As options to show only the Given Names, or to also view the Family Names.

Click Next 🌳 to change the lettering used in the family tree.

In the Lettering page select the style for the text in the family tree. Choose the font, size, color, spacing and stitch type options for the names.

Set the font size and layout. Set the stitch type options. Change the thread color.

Choose a font. Set the connection type. Adjust other settings or finish.

Click Next 🌳 to change the frames used in the family tree.
In the Frame page choose whether to use frames, and select a frame, corners, side pieces or a flourish for each individual. Change the color and stitch options for the frame.

Use a Frame, Corners or Side Pieces

Change the appearance of the stitching in the frame

Place a frame around each name

Select a frame

Choose the flourish position

Change the thread color for the frame

Adjust other settings or finish

Click Next to change the connectors used between partners in the family tree.

In the Connectors page select satin line or a running stitch line for connectors, or use no connectors.

Choose a line type for the connectors

Change the thread color

Adjust other settings or finish

Change the settings for the connectors

Use double stitch lines to indicate a partnership

Choose a single or double line connector for partners. Change the thread color used for connectors.

Check your work by clicking the wizard tabs or by using Next and Back to view the Family Tree Wizard pages. Adjust your settings as desired.

Click Finish to place the family tree chart in the work area as a grouped .vp4 file with fixed lettering and frames.

PREMIER™ 2 Family Tree

In the PREMIER™ 2 Family Tree module you can create an embroidered chart of your family tree with PhotoStitch embroideries, or with appliqué pictures of your family.
Split Project Wizard

Use the Split Project Wizard to split a large embroidery project into sections for stitching out.

The Split Project Wizard is only available in PREMIER+™ 2 Embroidery Extra.

Using the Split Project Wizard

1. With a large project open, click Split Project on the Wizards Tab. The Split Embroidery page opens.
2. Click Change Hoop to select your desired hoop (here, 240mmx150mm - Universal Large Hoop 2).
3. Select a Hoop Group, a Hoop Size, and the Orientation. To minimize the number of hoopings when stitching out, select the largest single-part hoop for your embroidery machine.
4. In many circumstances, the initial setting for the other options on this page will work best, so make an initial split using these settings. If important features in the embroidery are split, click Back and adjust your settings.
5. Adjust your settings on the Split Embroidery page, testing the results, until you are satisfied with the split lines. Use the preview when adjusting the hoop and Overlap. Increase or decrease Overlap to fit your embroideries within the hoop. For Connection, use Running Stitch, not Trim if you have to split large stitch areas. Use Corner alignment stitches if lightly embroidered areas are split, and Baste if heavily embroidered areas are split. Some machines have special positioning features which do not require alignment stitches.
6. Click Next. The Save Embroidery page appears.
7. Use the View Previous and Next buttons to preview the splitting of the embroidery and, if necessary, go back to the Split Embroidery page to adjust your settings.
8. Click Export All Sections to save the split embroidery. Browse to your My Designs folder, and name the project. The split sections will be numbered automatically.
9. Click Next. The Print Options page appears.
10 Print a plan and worksheets for your project:
• Overview prints a plan of the split sections, with section names.
• Complete 2D Template prints a full size 2D template of the split embroidery sections, with an outline around each section to indicate how to join them together.
• Worksheets prints a worksheet for each section. The worksheet gives the dimensions of the design, the total number of stitches, a full list of the threads used, and the number of stitches for each thread.

*The Overview and Complete 2D Template may only be printed from the Split Project Wizard.*

11 Click Finish to close the wizard.

Split Embroidery

Select a hoop for stitching out

Set the overlap between sections

How to split stitch areas

Set the type of alignment stitch

Reduce pull on the fabric (straight line split only)

Travel method between stitch areas

The Split Embroidery page is displayed when the Split Project Wizard opens. Use the Split Embroidery page to select the desired hoop size, the splitting method, the overlap between hoop areas, what type of alignment stitch to use, the level of compensation, and the type of connection for your project.

*Experiment with the embroidery splitting options. This will give you the best possible split.*

*To define split lines with complete control, use PREMIER+™ 2 Design Aligner, if owned.*
Save Embroidery

When you save a split embroidery, you provide a single name which is used for all parts of the split embroidery. The split parts are distinguished by a two digit suffix that is automatically added to the file name. The numbers start at 01 for the top left hoop, then increase across and down, for example Three Flowers Exported_01 to Three Flowers Exported_03. The numbers are used only to distinguish the individual sections. You can stitch out the sections in any order, as required.

Print Options

Use the Print Options page to print information on stitching and aligning your project.
Stitch Out and Align Split Project Sections

Deciding the Stitchout Order

Generally, the split sections should be stitched out from the center. However, if the embroidery project only uses a few hoop areas, stitch out the section with the heaviest stitching first, as this will be the section which pulls the fabric the most.

As with all projects, it is best to try some test stitchouts before stitching the final version. It is particularly important to make test stitchouts of some adjacent sections if you think they may be difficult to align. For example, if the split line across a fully stitched area is very irregular, or when one of the sections has very heavy stitching.

General Alignment Considerations

Some designs will require less precise alignment than others. If you have split an embroidery so that the split lines go between all the stitch areas, (for example, if no connectors were used), it is unlikely that you will need to have perfect alignment between sections. The main consideration would be to ensure the fabric is straight each time it is re-hooped.

However, when any stitch areas are split, alignment is crucial to achieving a good stitchout. Using alignment stitches and compensation of Low or High will help to align sections and eliminate gaps between them.

The alignment stitches are created in a color that matches the background color chosen in PREMIER+™ 2 Configure.

There are also various alignment aids including:

- The printed full size 2D template
- Worksheets for each section, optionally printed on transparency paper
- The hoop template supplied with the hoop for your machine
- Light sensitive pens that can be used to mark fabric, and other temporary fabric marks
- Fabric stiffening aids and stabilizers that combat pull and make alignment easier
- The needle and embroidery positioning controls on your embroidery machine

Using the 2D Template

This is the most useful alignment aid. The 2D template shows the whole embroidery at the size it will be stitched out. Each hoop area is marked by corners and a large + in the center.

The hoop area corners show the extreme points of the stitchable area within the hoop. If you have a hoop template supplied with your hoop, this corresponds to the stitchable area shown on the hoop template, usually marked as a grid.

The template starts in the top left corner and works across and down to the bottom right corner. When cutting out and joining the pages together, you may find it easier to leave the first page uncut, then cut the dashed edge of the next page before aligning it to the first page and taping it in place. Continue like this until all the pages are joined together.

You can also use the template as a guide to the size of your piece of fabric. The template shows the overall stitchable area that will be hooped, but you will need to allow extra fabric around the edges for physically hooping up the fabric.
Use the template to mark hoop centers on the fabric. Use a pin to punch a hole through the template at each hoop center. Pin the template to the fabric and mark the fabric through each hole. If the point that is marked will be stitched over and hidden, use a pencil or a pen to mark the center point. If the point will be on open fabric, use a light-reactive fading pen.

**Using Other Alignment Aids**

**Fabric Choice, Stiffeners and Stabilizers**
In general, stiffer fabrics will resist pull and distortion better.

Fabric stiffening aids and stabilizers will combat pull and make alignment easier. In particular, iron-on backing helps to resist fabric distortion. You may wish to apply this to the fabric before marking the hoop centers or making any other alignment marks.

**Hoop Templates and Printed Worksheets**
When hooping up each section, align the center marked on the fabric against the hoop template to guide the position of the fabric in the hoop. If you do not have a hoop template, use the printed worksheet at 100% scale for the section. You could also print the worksheet on transparency paper.

**Center Lines**
You may also wish to mark lines between the hoop center points so you can line up the fabric to the center marks on the frame of the hoop. This is especially helpful if you do not have a hoop template. Use a light-reactive fading pen to mark temporary lines just before you hoop the fabric. An alternative is to iron creases into the fabric as lines between the center points.

**Stitching Out the First Section**
First, ensure the fabric is straight in the hoop, according to the marked positions of the hoop centers. After selecting the embroidery on the machine, use the machine controls to position the needle over the center point marked on the fabric.

*If you are unable to do this on the machine, this means that you have not hooped up your fabric with sufficient accuracy. You will need to move the fabric in the hoop and try again.*

If you did not generate alignment stitches, simply start stitching out.

If you have alignment stitches in your split embroidery sections, each section starts with a sequence of movement stitches. These movement stitches jump to the corner of a rectangle within the stitchable area of the hoop, that is half way across the overlap between the hoop areas. For the first section, skip past these movement stitches and then start stitching out.

**Aligning a Section to Previous Sections**
First, ensure the fabric is straight in the hoop, according to the marked positions of the hoop centers. After selecting the embroidery on the machine, use the machine controls to position the needle over the center point marked on the fabric.
Aligning With No Alignment Stitches
Use the 2D template or full size worksheet to confirm that the embroidery will connect correctly to previous sections. This is easier to do if you have printed the template or worksheet on transparency paper. If you created test stitchouts, this will help you judge the positioning according to the effect of the fabric properties.

Aligning With Corner or Baste Alignment Stitches
The previous sections will have placed alignment stitches that mark the corner positions, either as a small set of corner stitches or lines of basting stitch that meet at the corner. Use the machine controls to step through the sequence of movement stitches that should match up to the corners.

Adjust the machine so that the needle is over the appropriate corner for each movement stitch position. If there are no split stitch areas around the edges of the section that need joining to previous sections, your alignment should now be accurate enough to start stitching.

As the number of sections that must be stitched out increases, the type of fabric and embroidery become even more relevant for obtaining a good stitchout. Accurately hooped fabric and the alignment aids will help, but test stitchouts are also important.

If the section must join to stitch areas in previous sections, use the 2D template or full size worksheet to confirm that the embroidery will connect correctly. This is easier to do if you have printed the template or worksheet on transparency paper. If the alignment is too far out, it may be necessary to hoop up your fabric again.

Before starting to stitch, check the alignment stitches of the previous sections, and trim any that may be overlapped by the section you are about to stitch out. New alignment stitches will be added at the end of this section, to replace any that you trim.

PREMIER+™ 2 Design Aligner
In the PREMIER+™ 2 Design Aligner module you can split large embroideries automatically for use in any hoop. Choose one of your standard hoops for splitting any size design and automatically calculate the number of hoops needed. Then adjust the split lines exactly as you wish. Alternatively, split a design for a specific multipart hoop. The intelligent cutting routine minimizes movement stitches and color changes in the split embroidery sections.

For more information see the PREMIER+™ 2 Design Aligner Reference Guide and Help.

*PREMIER+™ 2 Design Aligner is available only if you own PREMIER+™ 2 ULTRA.*
Modifying Embroideries

Use the Modify tab to edit and insert stitches, or select a block of stitches for editing. Hide stitches by color or by using the draw range. Cut and copy blocks of stitches or whole embroideries and paste them. Insert new color changes, change the order of colors and merge color blocks. Adjust a selected block of stitches precisely, changing its angle and size.

The Modify tab is only available in PREMIER+™ 2 Embroidery Extra. All Quick Access toolbar functions except Change Hoop, Undo and Redo are unavailable in the Modify tab.

If more than one design or a group is selected when you click the Modify tab a warning message will appear. To edit a single design in a multiple selection, click the work area to deselect, then select the desired design. If a group is selected, use Restrict Groups on the Home tab or the context menu, then select the desired design. If lettering, a SuperDesign or Frame is selected, a warning message will appear that it will be fixed as embroidery stitches. Only use the Modify tab in this case if you are prepared to lose the ability to adjust the properties such as font and stitch type. Decoration designs cannot be altered on the Modify tab.

Viewing Embroideries in the Modify Tab

Embroideries are shown in the Modify tab in 2D View as individual stitches with no shading. The selected embroidery is shown in color. Any other embroideries use pale ghost stitches.

Automatic Ghost Mode

When the Modify tab is selected to edit an embroidery, only the embroidery selected for editing is shown in color. All other embroideries are automatically shown as pale ghost stitches. This allows you to see the positions of other embroideries, so that you can observe where they are in relation to the embroidery you are editing.
Get Length

Use Get Length on the View tab (and on the Modify tab if PREMIER+™ 2 Embroidery Extra is owned) to measure the distance between any two points on an embroidery. Click the Get Length icon and the mouse pointer changes to the Measure pointer. Then click and drag a line across the embroidery. The length of the line is displayed.

For example, use this to obtain the width of a column of stitches or the distance between lines of stitching.

The length is shown in millimeters or inches, according to the setting for Show Measurements in PREMIER+™ 2 Configure. The alternative units are shown in parentheses.

Measure Part of an Embroidery

1. Click the Get Length icon. The pointer changes to the measure pointer.
2. Click and drag across the part of an embroidery you want to measure.
3. Read, and if desired, make a note of the number.
4. Repeat the click and drag to measure any other distances, as required.
5. Right-click to deselect the function.

Cut, Copy, Paste and Duplicate

The Cut, Copy, Paste and Duplicate functions are available for whole embroidery(ies) and groups on the Home tab of PREMIER+™ 2 Embroidery.

The Modify tab to work with blocks of stitches is only available in PREMIER+™ 2 Embroidery Extra.

Clipboard Block

The Clipboard Block shows the current block that can be pasted into your embroideries. It shows the most recent block of stitches, embroidery(ies) or group that has been cut or copied from PREMIER+™ 2 Embroidery or another PREMIER+™ 2 Embroidery System module. It can be used as many times as desired, until a new block is cut or copied.

Click in the clipboard to remove the current Clipboard Block.

Cut

Use Cut to remove a whole embroidery or the currently selected block of stitches from the embroidery and make it the Clipboard Block.

Copy

Use Copy to make a copy of a whole embroidery or the currently selected block of stitches. The copy becomes the Clipboard Block, where it can be pasted as many times as required, or pasted into another PREMIER+™ 2 Embroidery System module.
Paste

Use Paste to paste the Clipboard Block as a separate embroidery or, if the Modify tab is selected, attach it to the last currently visible stitch of an embroidery. The Clipboard Block shows the current stitches that will be pasted. If a group, lettering, a SuperDesign or Frame has been copied, a warning message will appear that it will be fixed as stitches if you paste into the Modify tab. Only use the Modify tab in this case if you are prepared to lose the ability to adjust the properties such as font and stitch type.

*If you paste a design with decorations into the Modify tab, the decorations are not visible. They will reappear as separate subdesigns when you move to one of the other tabs.*

**Paste into Center**

Use Paste into Center to paste the Clipboard Block in the center of the hoop. The Clipboard Block shows the current stitches that will be pasted.

**Duplicate**

Use Duplicate to make a copy of the selected embroidery or block of stitches, which is automatically pasted on the work area below and to the right of the original.

*The copied stitches are shown in the Clipboard Block on the control panel.*

**Delete**

Use Delete to delete one or more selected embroideries, groups or blocks of stitches after they have been selected using one of the block selection methods (Box Select, Freehand Select, Freehand Point Select or Select All Visible) on the Modify tab.

When all visible stitches are deleted because no block is selected, all remaining stitches are shown.

Delete Single Stitches

When you have a single stitch selected, Delete will remove the stitch.

**Select and Edit Single Stitches**

**Select Stitches**

Use Select Stitches to select and edit single stitches. Simply click a stitch and a box appears around it to show that it is selected.

*It may be helpful to zoom in close enough to see the separate stitches.*

Click and drag the box to move the stitch. If desired, use Delete to delete the stitch point.
Select a Series of Stitches
Click the first required stitch point, then hold down Shift (on the keyboard) and click the last required stitch point. The two stitches you click and all stitches between them will be selected. Click outside the block to make a new selection using this method.

To select several individual stitches, hold down Ctrl and click the desired stitches.

Alternatively, hold down Shift and use the left and right arrow keys to select a series of stitches.

Insert Stitches
Use Insert Stitches to add new stitches to an embroidery. Click Insert Stitches and the pointer changes to the insert stitches pointer. Then click where you want to add stitches. The stitches will be added using the thread color where you insert the stitches. Click Delete to delete the last point placed. Right-click twice to deselect. If you need to use a different color for the stitches, insert color changes before and after the new stitches.

Use Insert Stitches for many reasons. For example, you may add more underlay to an embroidery or make a new section of an embroidery. You can even change an embroidery into an appliqué embroidery by adding placement stitches and Stops to secure the appliqué fabric.

Select a Block of Stitches
The block Select functions on the Modify tab allow you to select part of an embroidery. A selected part of an embroidery is called a block. A block can be resized, rotated, mirrored, moved, nudged, duplicated, copied, cut and deleted. You may find it easier to select a block when you have selected colors to display and/or changed the ranges of stitches that are visible.

When a block has been selected, it has a selection box around it on the work area. The selection box has handles which are used to resize, rotate and flip the block. Also, the block is outlined within the selection box, to assist with accurate positioning when it is moved or rotated.

Click and drag inside the block to move it. Use the arrow keys on the keyboard to nudge the block. Click and drag the square corner handles to scale the block with constant stitch count (white handles) or resize with constant density (blue handles), depending on Resize mode. Click and drag the round rotate handle to rotate the block freely. Click and drag
the center of rotation to rotate around a different point. Click the triangular handles to flip the block horizontally or vertically.

A block can also be resized/scaled and rotated precisely using the Modify Block section of the Modify tab.

**Pasting a Block**

When a block is pasted into an embroidery it is automatically selected as the current block and Box Select is activated. The block is attached to the last visible stitch.

See “Paste” on page 68 and “Paste into Center” on page 68.

**Deselecting a Block**

Click the work area outside a block to deselect it. The selection box around the block will disappear. Right-click to turn off the current select function without deselecting the block.

**Selecting an Embroidery to Modify**

If there is more than one embroidery selected so that you are unable to enter the Modify tab, press the Tab key on the keyboard to select the embroidery you wish to edit.

**Box Select**

Use Box Select to select stitches in a rectangular area. Click Box Select and the pointer changes to the box select pointer. Click and drag around the area you want to select. When you release the mouse button, the block will show you the extent of your selection. Right-click to deselect.

Use Box Select to make a quick selection of an area. When deleting a selection, if desired, use Freehand Select or Freehand Point Select to remove any extra stitches.

Use Add to Selection with any select function to increase the area of selected stitches, or use Remove From Selection to make the currently selected area smaller.

**Freehand Select**

Use Freehand Select to select a block of stitches within an area of any shape. Click Freehand Select and the pointer changes to the freehand select pointer. Click and drag to draw an irregular outline around the desired area. When you release the mouse the area is closed automatically with a straight line between the last mouse position and the start position. The block will show you the extent of your selection. Right-click to deselect.

Use Add to Selection with any select function to increase the area of selected stitches, or use Remove From Selection to make the currently selected area smaller.
Freehand Point Select

Use Freehand Point Select to select a block of stitches within an area of any shape made of straight and curved lines. Click Freehand Point Select and the pointer changes to the Freehand point select pointer. Click a series of points to create an irregular outline of straight and curved lines around the desired area, using Ctrl+click to place a square (straight line) point. Click and drag to reposition an existing point. Click Delete to remove the last-placed point. Right-click when the area is complete. The block will show you the extent of your selection. Freehand Point Select may be easier to use than Freehand Select for precise selections. Right-click to deselect.

Use Add to Selection with any select function to increase the area of selected stitches, or use Remove From Selection to make the currently selected area smaller.

Select All Visible

Select All Visible is a one-click function that selects all visible stitches in the current embroidery. Click outside the block to deselect.

Select None

Use Select None to deselect all of the embroideries and blocks in the work area, including any outside the hoop.

Replace Selection

Use Replace Selection to replace the currently selected stitches with the new selection.

Add To Selection

Use Add to Selection to add the new selection to the currently selected stitches.

Remove From Selection

Use Remove from Selection to remove the new selection from the currently selected stitches.

Modify Block

To rotate or resize the selected embroidery or block of stitches by an exact amount, use the Modify Block section of the Modify tab.

To rotate the block or embroidery, enter an angle from 0 to 359 degrees in the Angle box, then click Apply. If desired, move the center of rotation before rotating.
To resize the block or embroidery, change the height and width percentage of the selected block. The height and width are scaled or resized according to the Resize mode. The size in millimeters to which the design will be changed is shown to the right.

View Selected Colors

On the Modify tab you can hide blocks of stitches according to their color. Displaying the stitches according to their color is an easy method of showing sections of an embroidery. The functions for viewing stitches by color are on the Design Panel when the Modify tab is open.

Hide stitches according to color, leaving the visible stitches available for other functions without affecting the hidden stitches. Selecting colors for display can be combined with the Draw Range to display a particular set of stitches that would be difficult to isolate with other functions.

*If you have set a Draw Range, then only the stitches in the color blocks that are visible within the range will be displayed. Also, hidden colors are not highlighted when the mouse pointer is paused over them in the color worksheet.*

Color Worksheet

The color worksheet on the Design Panel shows the order in which the thread colors are used. The group of stitches using a particular thread color is called a color block. The color worksheet can be used to change thread colors, and to add thread effects. When the Modify tab is open, it may be used to hide and show the stitches in any of the color blocks.

*When you pause the arrow pointer over a thread color in the worksheet, the corresponding threads in the embroidery are highlighted. Also, a popup description of the thread color appears.*

The color worksheet can also be used to change the order of the color blocks, and to merge color blocks.

The first color in the embroidery is at the top of the list, followed by all the thread color blocks. The check boxes show which color blocks are hidden. The numbers show the order in which the colors are used, and the samples show solid blocks of each thread color in 3D.

Double-click a thread sample, or select the thread and click the Change Color icon to access the Color Selection dialog box and select a different thread color, or add thread effects. When on the Modify tab, click a check box to show or hide a color block. When a color is hidden, its check box in the Color Worksheet is not selected, as shown here:

```
Hidden       Visible
```

<table>
<thead>
<tr>
<th>1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
Move and Merge Color Blocks

Use the arrows below the color worksheet, or the right-click Context menu, to change the order of the color blocks, and to choose color blocks to merge together selectively.

*For example, you can keep two adjacent identical color blocks in case you wish to vary them later. If you use ColorSort, all identical colors will be merged unless there are overlapping stitches.*

The changes you make are applied immediately.

*This may be useful if you want to merge two blocks of an identical thread color without affecting the color order of the rest of the embroidery. For example, use Move and Merge Color Blocks to assist in creating lettering with some characters in varying colors. Alternatively, the Move and Merge Color Blocks functions may be useful if ColorSort does not merge colors owing to a few overlapping stitches that do not affect the design stitchout.*

*You can also use Merge when optimizing designs with multiple areas of cutwork and stabilizing lines. ColorSort may occasionally merge stabilizing lines in these circumstances.*

Move Colors

The Move Up and Move Down buttons move the selected color block so that the colors are stitched in a different order. Click the required color in the list and it will be highlighted, then click the Move Up or Move Down button to move the color to the required position.

*Alternatively, right-click the block and select Move Up or Move Down from the Context menu.*

Merge Colors

The Merge Colors button will merge the selected color block with the color block above it, removing the Color Change command.

*Alternatively, right-click the block and select Merge into Previous Color or Merge into Next Color from the Context menu.*

Use Merge to delete color changes. Also use it to merge color blocks with the same thread color, after first moving one of the color blocks so that they are adjacent.

Insert Color Command

Use Insert Color Command to add a new color change at the point where you click.

Click the icon and the pointer changes to the insert color pointer. Then click on the stitch where you want the color change. The Color Selection dialog box is displayed for you to select the thread color for the new color change.

Insert Stop Command

Use Insert Stop Command to add a command which instructs the embroidery machine to stop at the point where you click, displaying a message.

Insert a Stop Command

1. Open an embroidery, then click the Modify tab.
2. Click Insert Stop Command and the pointer changes to the insert stop pointer.
3. Click on a stitch. The Stop dialog box opens.
4. Use the Quick Text drop-down menu to insert a stitchout hint, or enter a message.
5. Click OK to place the Stop Command.
Stop Properties
Add a stitchout hint to a Stop Command in the Stop properties dialog box.

Select a Quick Text comment from the drop-down menu, or enter text in the Comment text field. Click OK to save the text. Up to 200 characters may be entered.

Draw Range
The draw Start and End slider bars on the Modify tab provide a very powerful way of viewing an embroidery and understanding exactly how it is formed. They allow you to progress forwards and/or backwards through an embroidery stitch by stitch and isolate a specific sequence of stitches. If desired, select the visible stitches as a block to work on with Select All Visible, without affecting the hidden stitches. Changing the range of stitches can be combined with selecting colors to display a particular set of stitches that would be difficult to isolate with other functions.

Draw Range (Slider Bars)
The upper slider bar sets the Draw From Start stitch. The lower slider bar sets the Draw To End stitch.

Use the Draw Range to set the Start or End stitch in any of the following ways:

• Click and drag the slider box along the slider bar.
• Click the arrows at either end of the slider bar to progress by one stitch at a time. Click and hold on an arrow to progress more rapidly.
• Click in the space on the slider bar on either side of the slider box to move in that direction and jump through the stitches rapidly. You can also click and hold, but the slider box will stop when it reaches the arrow pointer.

In all cases, the work area will show the range of stitches as the Start or End stitch changes.

*When you set a Draw Range, only the stitches in the color blocks that are visible within the range will be displayed.*

Draw All Stitches
Use Draw All Stitches on the Modify tab, to display all stitches in the embroidery selected for editing. When you have hidden stitches by changing the color selection or the Draw Range, click the icon to view all stitches again. All the color blocks will become visible and the Draw Range will be reset to all stitches.
Getting Started with PREMIER+™ 2 Card Shop

Welcome to PREMIER+™ 2 Card Shop. With PREMIER+™ 2 Card Shop you can create personalized embroidery cards automatically with themed templates for special occasions. After creating your card, it is saved as a group so you can easily edit the lettering or change a design in PREMIER+™ 2 Embroidery Extra.

Select from hundreds of templates to design one-of-a-kind greeting cards, invitations, postcards and certificates with your loved ones’ names embroidered beautifully as part of the project. In the special Postcards themes there are templates with space for a stamp, address and message.

PhotoStitch Wizard
PREMIER+™ 2 Card Shop includes the PhotoStitch Wizard. Use the PhotoStitch Wizard to automatically create embroideries from a photo. Choose from: Color PhotoStitch Embroidery, Sepia PhotoStitch Embroidery, Monochrome PhotoStitch Embroidery, Color Tile Embroidery, Linear PhotoStitch Embroidery and Printed Appliqué.

Color PhotoStitch, Sepia PhotoStitch, Monochrome PhotoStitch and Color Tile PhotoStitch options are available only if you own PREMIER+™ 2 ULTRA.

Parts of the Software Window

Menu Bar
There are five menus: File, Edit, View, QuickLink and Help.
To access the menu options, use the mouse to pull them down from the menu bar. An alternative way to access menu choices is to press the Alt key, then the underlined letter of the menu name, followed by the underlined letter in the menu option, e.g. Alt, F, N to start a new project.

Work Area
The work area is the area where the card is created. Stitches are drawn in the appropriate colors, and the embroideries are shown in 3D.

The tabbed pages at the top of the work area are used to view the pages of the card.

Press the Tab key to select each area of the page in turn.

The number of tabbed pages depends on whether Folding Card, Double-Sided Card, or Single-Sided Card was selected in the Select Theme and Layout page of the New Project Wizard.

Switch between pages by clicking the tabs at the top of the window, or use the shortcut keys Ctrl + Tab or PgUp and PgDown.

The work area may contain one or more text, design or image areas. Right-click the selection box around an area to edit it.

The color of the default background can be changed using Card Color. A background fabric may be displayed using Background.

PREMIER+™ 2 Card Shop Terms and Conventions

Embroidery File Formats
Embroideries may only be saved in .vp4 format as this will preserve the separate parts of multipart designs. It also preserves thread color information and notes.

To export and stitch out designs created in PREMIER+™ 2 Card Shop, Save or Copy your project, then use PREMIER+™ 2 Embroidery.

Picture Files
PREMIER+™ 2 Card Shop can load any of the following picture file formats in the PhotoStitch Wizard: Windows or OS2 Bitmap (.bmp), JPEG-JFIF Compliant (.jpg, .jif, .jpeg), Portable Network Graphics (.png), Tagged Image File Format uncompressed (.tiff, .tif), Windows Meta File (.wmf), Windows Enhanced Meta File (.emf) and Windows Icon (.ico).

PREMIER+™ 2 Card Shop can upload pictures and videos of embroidery designs from Design Player to the social media sites Facebook®, Flickr®, Twitter®, and YouTube®.

Backgrounds
PREMIER+™ 2 Card Shop loads fabric backgrounds that are installed with the PREMIER+™ 2 Embroidery System. To create new backgrounds, use PREMIER+™ 2 Embroidery Extra.
New Project Wizard

Use the New Project Wizard to select a template to create an embroidered card. Choose the best size for each project. Select from five different sizes, depending on the card you wish to make and the time you can set aside for embroidery. Template orientation may be portrait, landscape or square, whichever you prefer.

Choose a folding card with four sections, a double-sided card with two sections, or a single-sided project.

Click New to start the New Project Wizard.

Select Theme and Layout

Theme
Select a theme from the list. The preview pane displays the first card template in the selected theme.

Layout
Select from three layouts:

Folding Card
Create a folding card with front, inner and back pages, such as a greeting card.

Double-Sided Card
Create a card with front and back pages, such as a postcard.

Single-Sided Card
Create a single-page project, such as a certificate or announcement.
Select Template

Use the Select Template page to choose the card template you wish to use. Select a template category from the drop-down list, or use Search for Keywords to search templates by key words in their names.

Select Size and Hoop

Select a preset dimension or choose a hoop. Choose whether to use a single embroidery, or multiple embroideries.

The Hoop Options will not be available (will be grayed out) if a single-sided project is chosen, or if the hoop is too small to contain the entire project as a single embroidery.
How to Create a Golden Anniversary Card

1. In the main toolbar click New and the Select Theme and Layout page of the New Project Wizard will appear. An Anniversary card template is displayed.

2. Scroll down the Theme list on the left and select the Christmas, then New Baby themes. The preview pane will show the first card template for each theme.

3. Select Anniversary, and in Layout ensure that Folding Card is selected.

4. Click Next. The Select Template page will appear.

5. In the ‘Search for keywords’ text box, enter: 50

6. Place the pointer over the portrait format 50th anniversary card with the champagne bottle design.

If you position the arrow pointer over a thumbnail without clicking, the name of the template will be shown. The template is called '50th Anniversary 1 Portrait'.

7. Click the '50th Anniversary 1 Portrait' thumbnail and the template will appear in the Preview area.

8. Click Next. The Select Size and Hoop page will appear.

9. In the Select Size area, select Small 125mm x 175mm (5” x 7”).

10. Click Change Hoop and the Hoop Selection dialog box appears.

11. Ensure Enter Hoop Size is not selected.

12. Click the drop-down arrow for Hoop Group and select Universal.

13. Click the drop-down arrow for Hoop Size and select 360mm x 350mm - Universal Multipart Hoop 1, then set Orientation to Rotated.

14. Click OK. The hoop is previewed in the wizard page.

15. In Hoop Options select 'Single embroidery'. PREMIER+™ 2 Card Shop will create a four-section card with the layout optimized to fold and stitch.
If a smaller hoop is to be used, select ‘Multiple embroideries’ to create separate embroideries for the front, back and inner pages of the card.

16 Click Finish to close the wizard. The 50th anniversary card is in the middle of the work area, showing the front page of the card.

Click the Inner tab, or click Ctrl + Tab, to view the middle pages of the card.

18 Click the Back tab to see the back page of the card, then click Front to return to the front of the card. Alternatively use Ctrl + Tab to move between pages, or the PgUp and PgDown keys.

19 In the work area, move the arrow pointer over the bottle. The pointer changes to a flower head. The flower head pointer indicates that this is a design. Designs in PREMIER+™ 2 Card Shop are made with relatively loose density stitching suitable for stitching on flat fabric and, in some cases, paper.

20 Move the pointer over the Wonderful Years text. The pointer changes to the letter A text pointer.
Viewing Card Designs

Selecting Pages and Areas

Selecting Pages
To select card pages, click on the tabs at the top of the work area.
Alternatively, use keys to move between pages in the card:

- The PgUp and PgDown keys will show the previous or next page.
- Use Ctrl + Tab to show the next page.
- The End key will show the final card page.
- The Home key will show the first card page.

See “How to Create a Golden Anniversary Card” on page 79.

Selecting Areas
To select areas within a card page, for example lettering, designs or images, click on the desired area.
Alternatively, use the Tab key to select areas in the card and move between them.

You can only select card areas with the Tab key if there is more than one design, image, or piece of lettering on the page. Otherwise, click the desired area to select it.

Zoom Commands
A number of functions are available to make it easier to navigate around the project, including the Zoom functions. By default, the project is shown at a size so that it fills the window, the same as if you click Zoom To Fit after zooming in or out.

View Background
Use the View Background features to change the color or fabric of the card background, and to move a card fabric background.

- Use Card Color ( ) to change the color of the default background fabric for your project.
- Use Background ( ) to select a background fabric.
- Use Move Background ( ) to move the fabric background.

Move Background is only available after a Background has been selected.

Card Color
Use Card Color ( ) to select the background fabric color for your project. The Card Color dialog box will appear.
Card Color  changes the color of the default fabric background. To change the fabric, use Background .

Click the Color drop-down arrow and select a color, or click More Colors on the drop-down panel to display the Colors dialog box with the Standard tab selected.

**Reset to Template**

To return to the original settings for the background color, click Reset to Template.

**Move Background**

Use Move Background  to move the background that you have placed behind your project.

Click the Move Background icon  and the mouse pointer changes to a four-headed arrow . Click and drag to move the fabric background around the project area. Right-click to deselect.

**Design Player**

Use Design Player to play through the stitches of the current card project as if it was being stitched from an exported embroidery. All parts of the project are shown, whether or not they are selected.

*If the card project will create multiple embroideries when saved, only the embroidery on the current page is shown. The current Optimize for Sewing settings from PREMIER+™ 2 Configure are used.*
Saving Embroiderries

There are two methods of saving embroiderries:

Save As

This displays the Save As dialog box so that you can save a the project with the existing file name, or a new file name.

If you save a project with the same name as an existing project, a dialog box will ask if you want to go ahead and overwrite the project with the revised version.

To export and stitch out designs created in PREMIER+™ 2 Card Shop, Save or Copy your project, then use PREMIER+™ 2 Embroidery.

Save On Close or Exit

If you make changes to a project, then try to close the project before exporting, a message will appear, asking if you want to save the changed project.

If you exit PREMIER+™ 2 Card Shop or use New to close the project then you will be asked about the project that you have changed without saving. Choose between:

Yes  Save the changes to the project. If it is a new project, show the Save As dialog box.

No   Do not save the project and continue. Any changes to the project are lost. If it was a new project then it is discarded without being saved.

Cancel Do not save the project, but keep the project open and do not close PREMIER+™ 2 Card Shop.

Save As

Use Save As to save the card as a multipart embroidery in .vp4 format. This saves the embroidery with the name you give it in the Save As dialog.

Save As will overwrite the existing embroidery. If you want to save another version of the same project, change the name before saving.
Copy

Use Copy to make a copy of the currently selected page of the card. The copy becomes the Clipboard Block, where it can be pasted as an embroidery into another PREMIER™ 2 Embroidery System module.

To ensure the desired page is copied, make sure a design, lettering or image box is selected. All embroideries on the page are grouped together when copied. Combine, ColorSort and Remove Overlap are not applied, so that you can continue to adjust your card page in PREMIER™ 2 Embroidery using Restrict Groups.

Copy All Pages

Use Copy All Pages to make a copy of the whole card. The copy becomes the Clipboard Block, where it can be pasted as an embroidery into another PREMIER™ 2 Embroidery System module.

All embroideries on the card are grouped together when copied. Combine, ColorSort and Remove Overlap are not applied, so that you can continue to adjust your card in PREMIER™ 2 Embroidery using Restrict Groups.

Undo

Use Undo to reverse the last action. If you are not satisfied with the result, click Redo.

Redo

Use Redo to reverse the last action that was undone by Undo. If you are not satisfied with the result, click Undo.