



LEARN & CREATE

with Baby Lock

Art and Stitch: Edge to Edge Quilting

This Art & Stitch video is a companion video to the recorded Pro-Stitcher Webinar 1 - Edge to Edge Quilting, taught by Denise Applegate-Schober. Make sure to check it out first because this video was created in response to some of the questions asked in the webinar mentioned above. Using Art & Stitch, how do you join 2 edge to edge rows together so that they stitch at one time? Watch this video to learn more!

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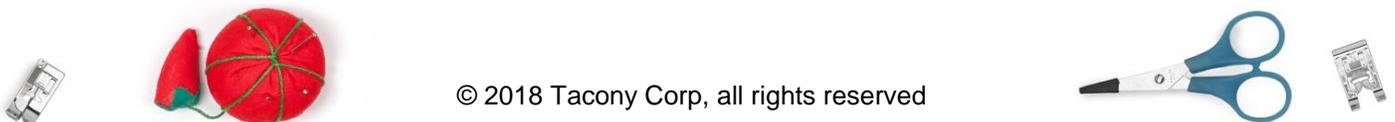
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Create Butterfly Panto Artwork

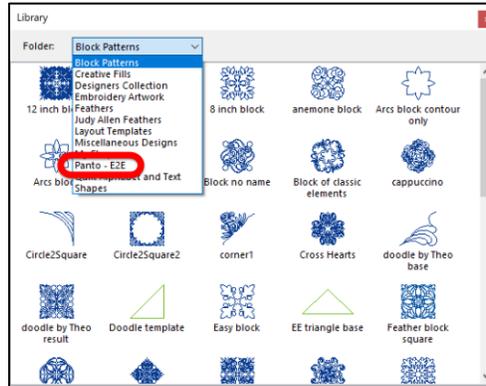
One of the questions that was asked during the webinar was if it was possible to join rows of edge to edge patterns, so they could be stitched in one step. And the answer is yes, but that is a process that is best done in Art and Stitch

Open an artwork image for an edge to edge pattern

1. Left click on the Library icon  on the tool bar at the left side of the page
2. Left click the arrow in the Folder window to open the list of folders



3. Select the folder called Panto E2E

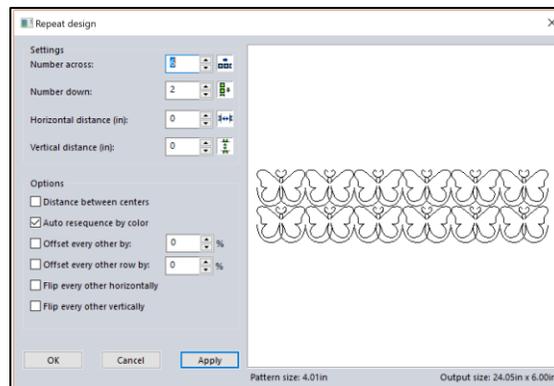


4. Select the pattern called butterfly1
5. The Library dialog box is closed, and the butterfly is placed on the page

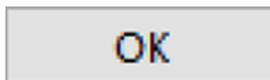
Create rows of butterflies

1. Left click the butterfly to select it.
2. Left click the Repeats the Design icon  on the tool bar at the top of the page
3. A dialog box opens that will allow you to create the desired number of rows and columns of the selected pattern

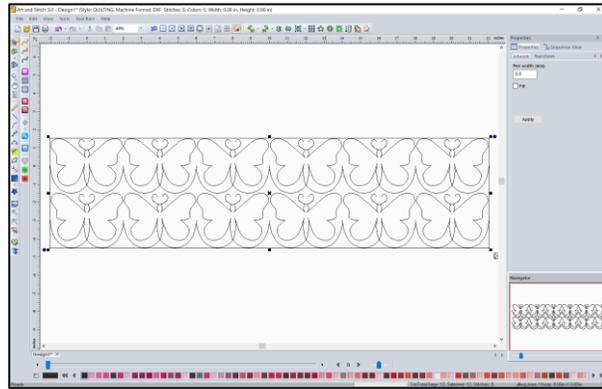
4. Set the Number Across at 6 
5. Set the Number Down at 2 



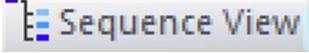
6. Left click OK

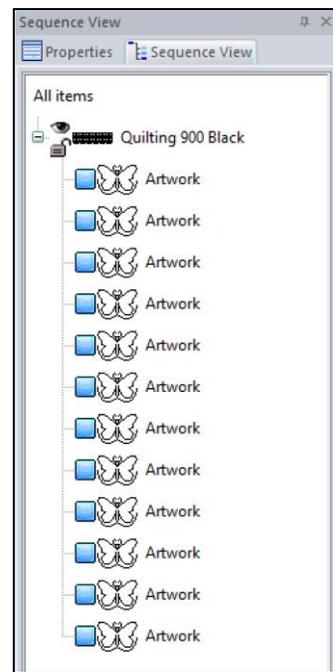


7. The dialog box closes, and the repeated pattern is placed on the page

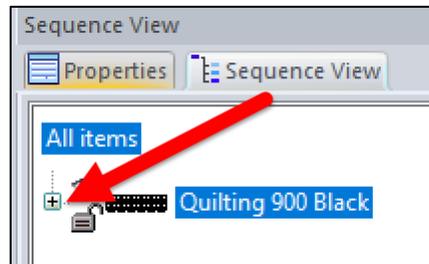


Take a Closer Look at the Butterflies

1. Right now, the butterflies look like they are all one pattern but if we look at the Sequence View we will see a different story
2. Left click to select the Sequence View tab  at the right side of the page



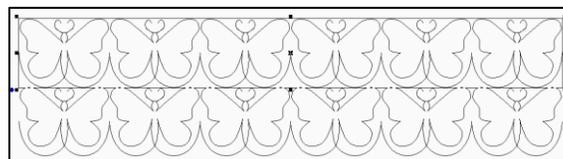
3. Left click the plus  at the left of the Quilting 900 Black pattern in the Sequence View to open the list
4. And the Sequence View list opens to show that



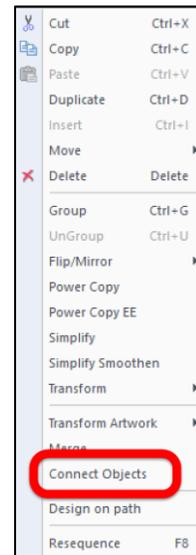
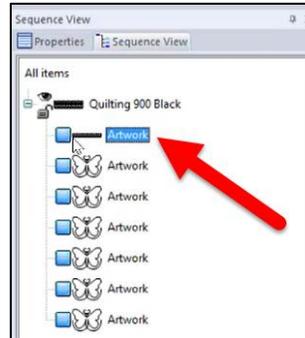
there are 12 separate patterns on the page

Join the Patterns in the First Row

1. Click and drag a box around the top row of patterns to select the first row
 - A selection box appears around the top row of patterns

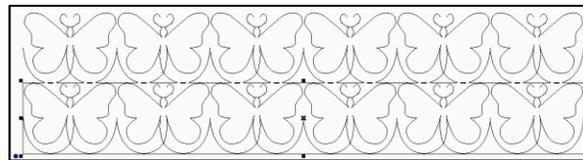


2. Right click and a pop-up menu opens
3. Select Connect Objects  in the pop-up menu
4. If you look at the Sequence View, you can see that the row of six butterflies has become one pattern

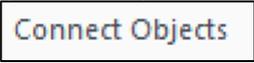


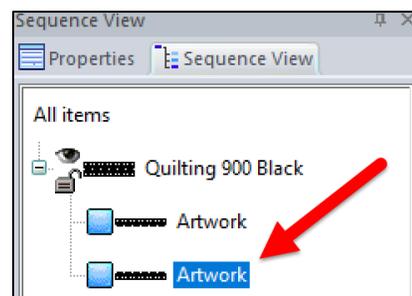
Repeat the same process with the second row

1. Left click in the background of the page so no patterns are selected
2. Click and drag a box around the bottom row of patterns to select the second row
 - When drawing the selection box, only patterns which are completely inside your box will be selected, so it is ok if part of the other row is inside your box
3. A selection box appears around the bottom row of patterns



Edit the Bottom Row of Butterflies

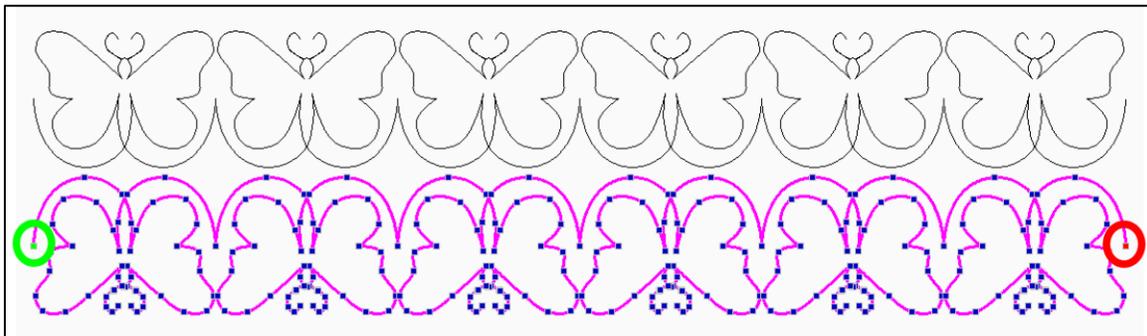
1. Left click Flip Vertical  on the tool bar at the top of the page to turn the bottom row of butterflies upside down
2. Right click and the pop-up menu opens
3. Select Connect Objects  in the pop-up menu
4. If you look at the Sequence View, you can see that the bottom row of six butterflies has become one pattern



5. Click and drag to move the bottom row of butterflies down just a little bit

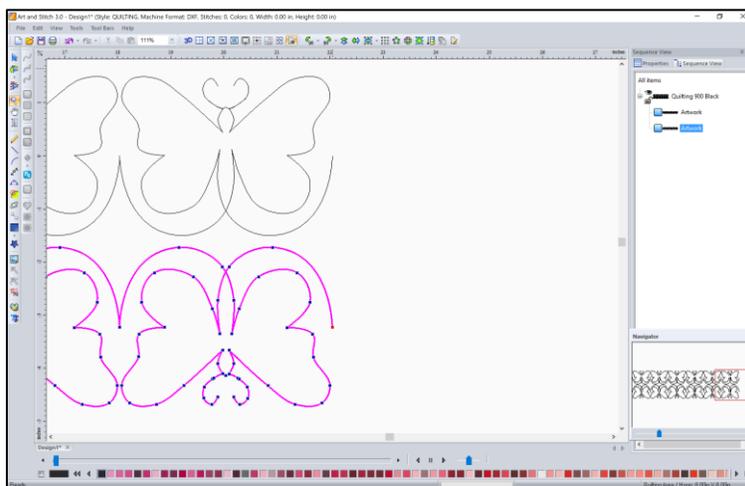
Use the Reshape tool  to connect the two rows of butterflies.

1. The second row of butterflies should still be selected
2. Left click Reshape  in the tool bar at the left side of the page
3. The selected row of butterflies changes to show:
 - Blue nodes that control the shape of the pattern
 - A green start point at the left side of the row
 - A red stop point at the right side of the row



Zoom in on the right side of the design

1. Left click Zoom  on the tool bar at the left side of the page
2. Click and drag to draw a box around the butterflies at the right end of the rows
3. And you will be zoomed in on the butterflies at the right side of the pattern



4. Touch the Escape key on your keyboard to deselect the Zoom function

Connect the Rows

1. Right click on the line right above the stop point
2. A pop-up menu opens

3. Select Add Line Point

Add Line Point

4. Left click Reshape  in the tool bar at the left side of the page

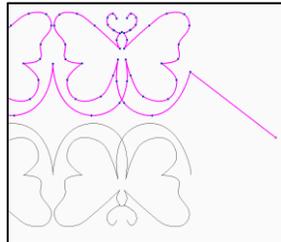
5. Left click the top row of butterflies

6. Right click on the line right below the stop point

Add Line Point

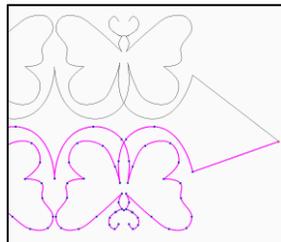
7. Select Add Line Point in the pop-up menu

8. Left click and drag to move the stop point on the top row of butterflies on an angle to the right of the pattern



9. Left click and drag to move the stop point on the bottom row of butterflies on an angle to the right of the pattern

10. Join the nodes together by holding the T key on your keyboard and

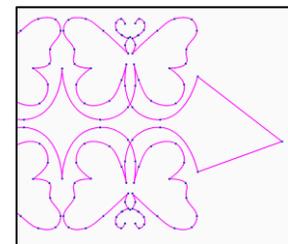
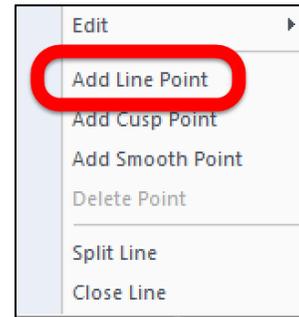


dragging the second node to sit on top of the first node.

- This "Ties" the nodes together
- Both rows of butterflies will be magenta

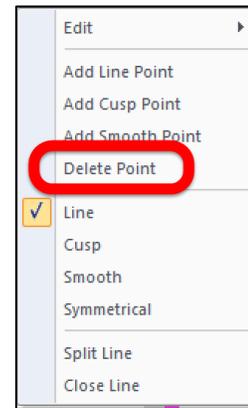
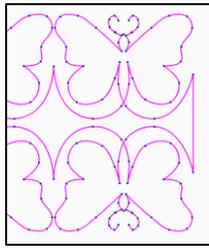
11. Now that the rows are joined the node that was added is not needed

12. Right click on the node at the point



13. Select Delete Point  from the pop-up menu

14. The two rows of butterflies are joined by a straight line



15. Left click Select  on the tool bar at the left side of the page

16. Touch the space bar on your keyboard to zoom to fit so you can see the entire design

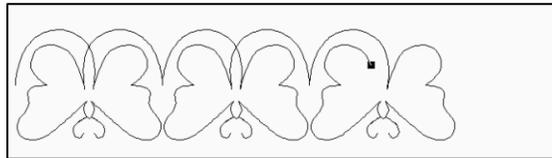
Preview How the Design Sews

1. Left click on the design to select it
2. Add stitches so it can be stitched by left clicking Running Stitch  at the top of the Stitch Effects tool bar on the left side of the page
3. Use the Simulator at the bottom of the page to preview how the pattern will sew



4. Left click Play  to see how the pattern will stitch

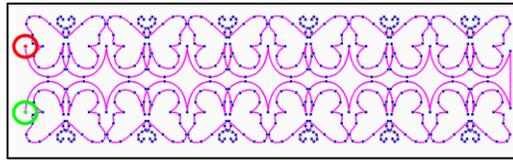
The pattern is sewing the bottom row first!



1. Left click Pause  to stop the simulation
2. Left click Reshape  and then left click the design



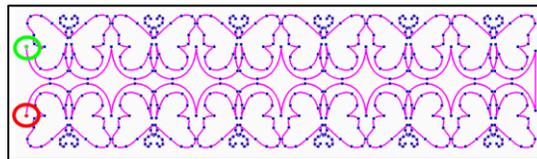
3. And you can see that the start point is on the bottom row and the end point is on the top row



4. There are a couple of different ways that this could be corrected.
5. Flipping the design would be a quick and easy way to reverse the position of the start and stop on this design

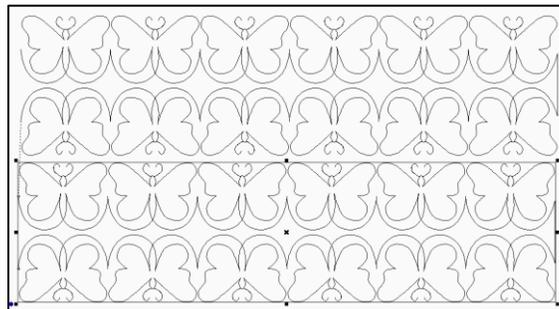
- Left click Select 
- Left click Flip Vertical 
- Left click Reshape 

6. The start is now on the top row and the stop is on the bottom row and you could take this design to your Pro-Stitcher and sew two rows of pattern in one step



Can You Sew Four Rows?

1. If you have a machine like the Regalia with a large enough throat space to reach four rows, you could duplicate this pattern
2. Left click Select 
3. Hold down the Control key on your keyboard and touch the letter D on the keyboard to duplicate the pattern
4. Click and drag to line up the patterns

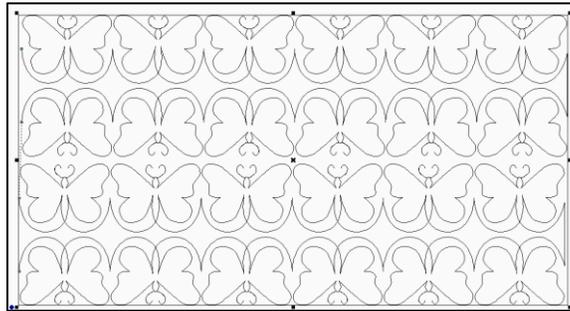


- To fine tune the position of the pattern, you can nudge the pattern into position by holding down the Control key on the keyboard and using the arrow keys on your keyboard



Now you can use the Reshape tool to join the rows on the left side of the pattern

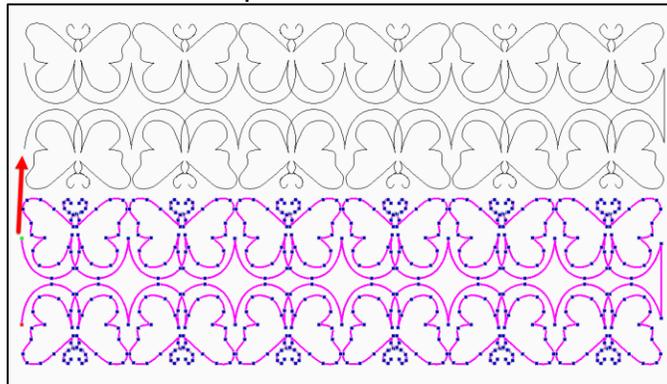
- Before the Reshape tool can be used, the stitches will have to be removed and you will need to go back to artwork
 - It is not possible to join two stitch files into one
- Hold down the Control key on your keyboard and touch the letter A on the keyboard to Select All
 - The selection box is around all four rows of butterflies



- Left click Back to Artwork  on the Stitch Effects tool bar at the left side of the page



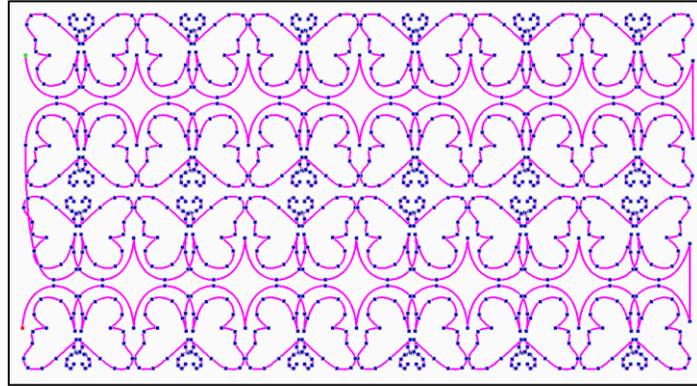
- Left click Reshape
- Left click the bottom set of patterns



- Hold down the T key on your keyboard
- Drag the node at the start of the bottom pattern and place it on top of the end point of the top pattern

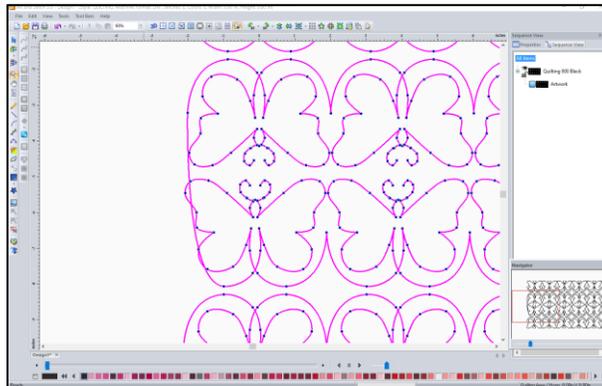


8. The four rows of pattern are now tied together

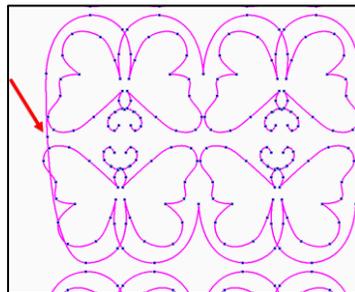


Zoom in to add an extra node so the connecting line is not on top of the butterfly

1. Left click Zoom  in the tool bar at the left side of the page
2. Click and drag to draw a box around the curved connection line at the left side of the pattern

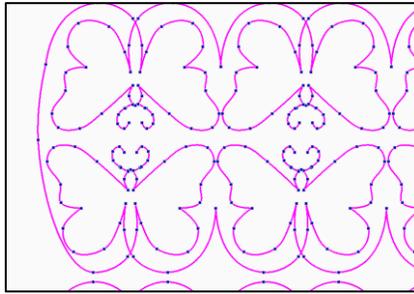


3. Another way to add a node to the line is to double click at the spot where you want to insert the node
4. Double click on the curved line that connects the rows to insert a node



5. Click and drag to move the node so the line connects the rows without being on top of the butterflies





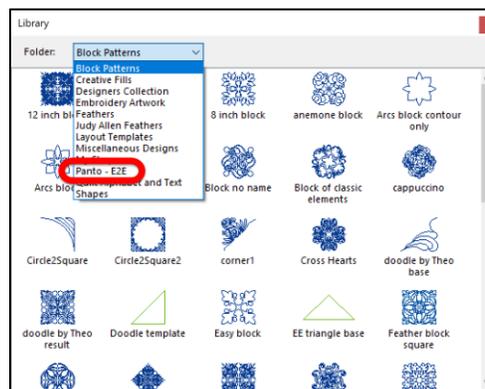
Create a Nested Panto

The butterfly panto had rectangular rows of pattern. Let's look at working with a nested pantograph.

Open an artwork image for an edge to edge pattern



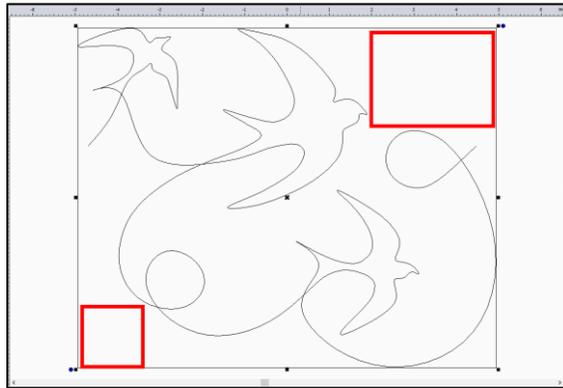
1. Left click on the Library icon  on the tool bar at the left side of the page
2. Left click the arrow in the Folder window to open the list of folders
3. Select the folder called Panto E2E



4. Select the pattern called swallow dist 9
5. The Library dialog box is closed, and the swallow artwork is placed on the page



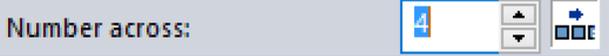
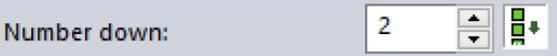
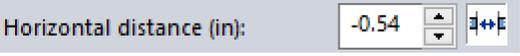
- The swallow design has space in two corners where there will not be any stitching

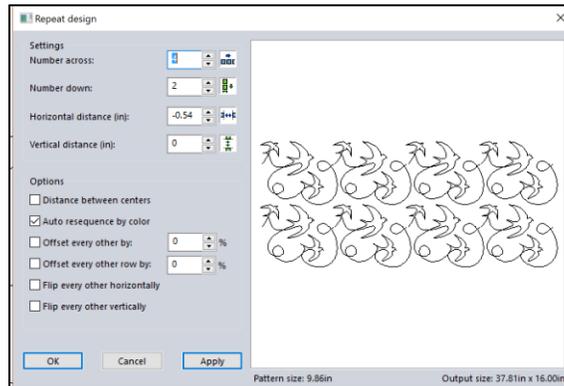


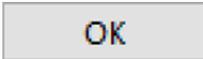
Create rows of swallows

- Left click the pattern to select it.

- Left click the Repeats the Design icon  on the tool bar at the top of the page
- A dialog box opens that will allow you to create the desired number of rows and columns of the selected pattern

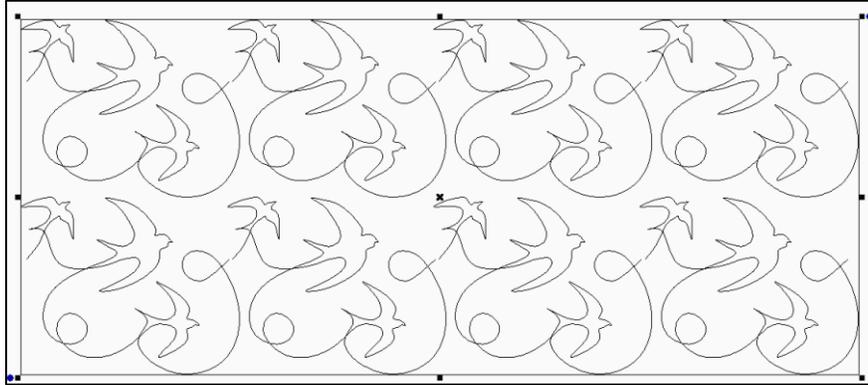
- Set the Number Across at 4 
- Set the Number Down at 2 
- Change the Horizontal distance  to move the patterns in the horizontal rows closer together



- Left click OK 

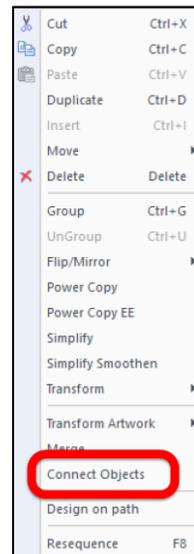
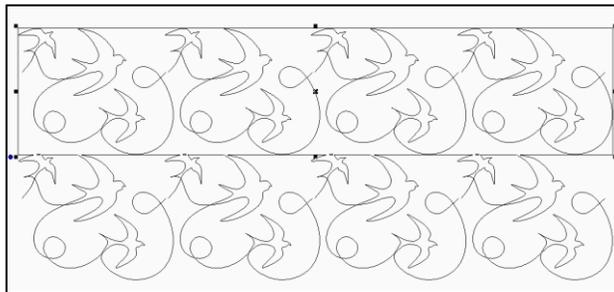


8. The dialog box closes, and two rows of swallows are placed on the page

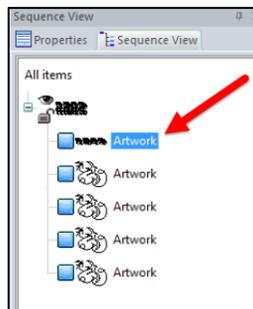


Join the Swallows in the First Row

1. Left click outside the swallow design so nothing is selected
2. Click and drag a box around the top row of swallows to select the first row
 - A selection box appears around the top row of patterns

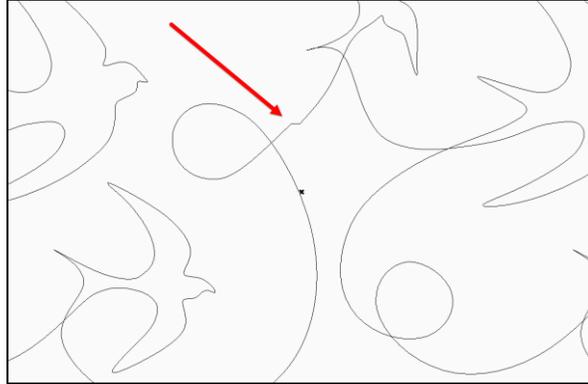


3. Right click and a pop-up menu opens
4. Select Connect Objects **Connect Objects** in the pop-up menu
 - Just like using Point 2 Point in the Pro-Stitcher. This connects the patterns
5. If you look at the Sequence View, you can see that the row of swallows has become one pattern

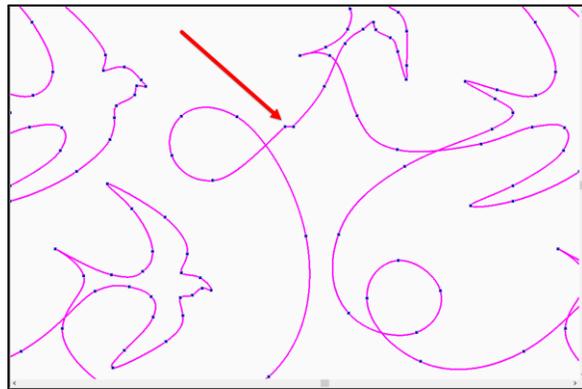


If you zoom in, you will be able to see that there is a jog in the line caused by an extra node that is not needed

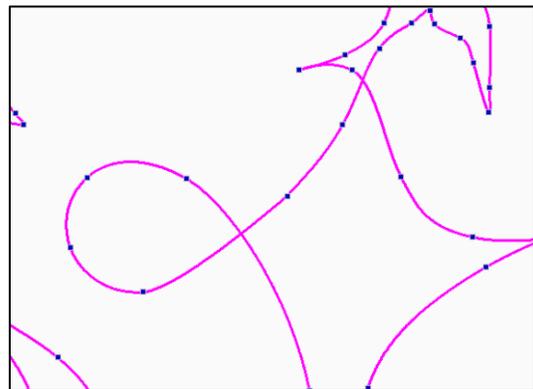
1. Left click Zoom 
2. Click and drag to draw a box around the area where the patterns join
3. And it is easy to see the jog in the line



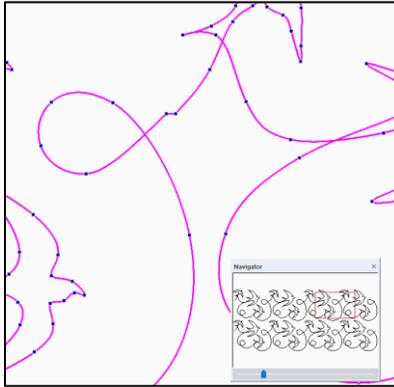
4. Left click Reshape 
5. Left click on the line and it is easy to see the node that is creating the jog in the line



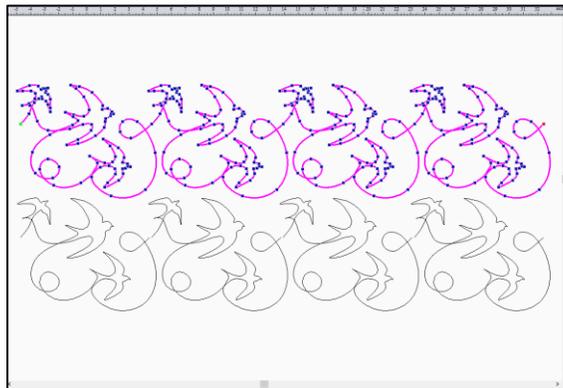
6. Left click on the node to select it
7. Touch Delete on your keyboard
8. And the line is now a nice smooth curve
9. Use the Navigator window to move to the next connection point



- Simply drag the red box to the side to show the area of the pattern that needs to be edited



10. Select the node and touch Delete
11. And move the red box in the Navigator to the right to find the last connection in the row
12. Select the node and touch Delete
13. Touch the Space Bar on your keyboard to zoom to fit, so the entire design is displayed

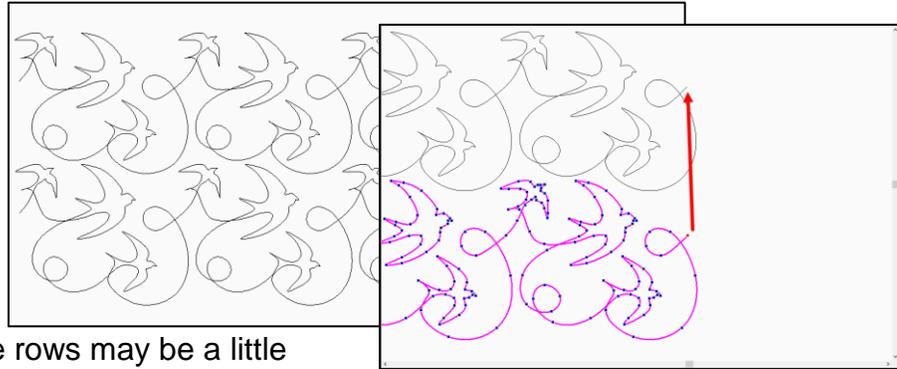


Edit the Second Row

1. Instead of repeating all of the editing steps to connect the second row it will be faster to simply copy the first row
2. Left click Select  in the tool bar at the left side of the page
3. Click and drag to draw a box around the second row to select
4. Touch Delete on the keyboard.
5. Hold down the Control key on your keyboard and touch the letter D on the keyboard to duplicate the row of swallows
6. Click and drag to line up the patterns
7. Note that the swallows are nested



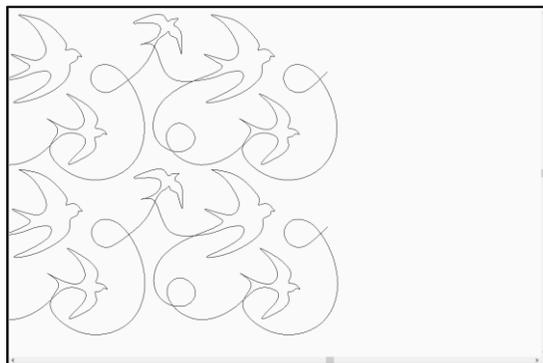
- The birds in the lower row go up into the spaces in the upper row



- Joining the rows may be a little different because of the nesting

Connect the Rows of Swallows

- Left click Zoom



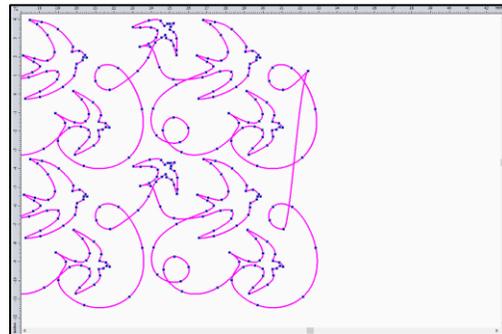
- Click and drag a box to zoom in on the right end of the rows

- Left click Reshape

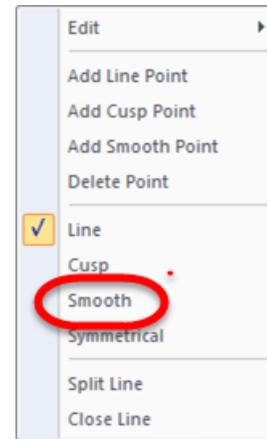


- Left click on the bottom row of swallows

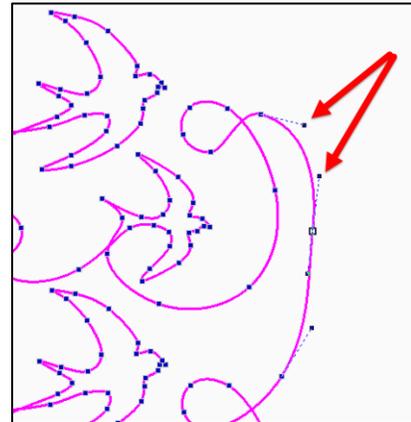
- The end point of the bottom row can be moved and tied to the end of the top row



6. Join the nodes together by holding the T key on your keyboard and dragging the node at the end of the bottom row to sit right on the end of the top row
7. The two rows are connected and both rows are now magenta
8. Add a couple of nodes to the line to create a pleasing curve
 - Double click on the line to add a node
 - Then move the node to the desired position
9. There is a point at the end of the top line, and there are two different ways to turn that corner into a curve
 - You could delete the node at the point
10. Or you could right click and select Smooth from the pop-up menu
11. If you left click on a node on a curved line, you will have handles which can be moved to adjust the shape of the curve
12. Left click on the design to select it
13. Add stitches so it can be stitched by left



clicking Running Stitch  at the top of the Stitch Effects tool bar on the left side of the page



Save the Design

1. Left click to open the File  menu
2. Select Save As  **Ctrl+Alt+S**
3. A Save As Dialog box opens
4. Open the Save in window at the top of the box and select your USB drive

Save in:  USB DRIVE (E:) 

5. Type a name for the pattern in the File name window

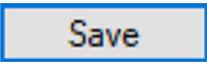
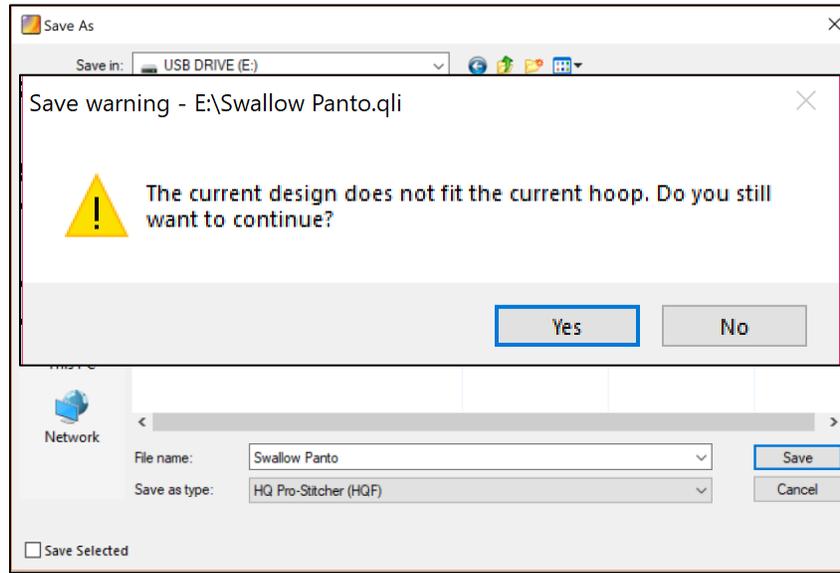
File name: 

6. Open the Save as Type window and select the HQF format used by the Pro-Stitcher

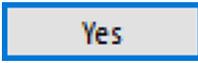
Save as type: 



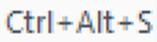
7. Left click Save

8. A warning dialog box opens to tell you that the design will not fit the current hoop.

- Art and Stitch can also create designs for your embroidery machine and it has recognized that the Swallow design is too large for the embroidery hoop
- Since this design is going to be used with the Pro-Stitcher on the embroidery frame, click Yes  to continue.

A best practice is to also save the ANS editing file for your design

1. The ANS file is the editing file used in Art and Stitch
2. If you find you want to make more editing changes to the design later having the ANS file means you could pick up where you left off and not have to start over recreate the design
3. Left click to open the File  menu
4. Select Save As  
5. A Save As Dialog box opens
6. Open the Save in window at the top of the box and select the folder where

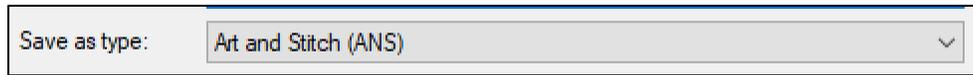
the file will be stored



7. Type a name for the pattern in the File name window




- Open the Save as Type window and select the ANS format used by Art and Stitch



- Left click Save

