PES4 - USER MANUAL

APPLICATION VERSION : v.4.02.xx

Last Updated : August 2019

/PinnEmbroiderySystem

PES4

PINN EMBROIDERY SYSTEM

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CH. 1 - ABOUT THIS PROGRAM

PES4

PES4 is the latest and most revolutionary multi-platform and ready-to-use Embroidery software. Aside from more than 4,000+ beautiful ready-to-use embroidery design we have in our cloud server for all users to use, we have functions and features that would make embroidery experience very pleasant.

UNIQUE FEATURES OF PES4

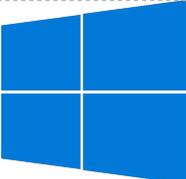There are a lot of new features in PES4 for embroidery users to enjoy such as the following :

- Scalable Fonts
- More than 4,000 Embroidery designs on cloud
- SVG Images ready to be designed
- TTF fonts ready to be designed
- Ability to design Applique'
- Import external images such as PNG / JPG or SVG format

Before using this manual

This User Manual is a reference for PES application users who want to use PES to send Embroidery styles to Brother Embroidery machine. Before reading this User Manual, you should be familiar with your devices that you will be installing PES application on. Specifically you should know how to use the touch screen and onscreen keyboard, scroll through lists, navigate to previous lists.

CH. 2 - MINIMUM REQUIREMENTS

PES4 can be able to installed and run on these four platforms with the following minimum requirements

| PLATFORM	REQUIREMENTS
	Device type : Mobile Device OS Requirement : i iOS version 10 and above Internet Connection * User has to provide device
	Device type : Mobile Device OS Requirement : Android v. 8 Oreo and above Internet Connection * User has to provide device
	Device type : Mac OS X Personal Computer OS Requirement : MacOS X 10.13 High Sierra and above Internet Connection * User has to provide device
	Device type : Windows Personal Computer OS Requirement : Windows 10 Pro Internet Connection * User has to provide device

CH. 3 - GETTING STARTED

PES4 application can be able to download and install into the follow operating system Windows 10 / Mac OS X / iOS / Android

3.1 - DOWNLOAD AND INSTALLATION

Download and installation for iOS

Step 1. Access this URL on Safari web browser of your device (* important - this URL must be access in your device that you will be installing the PES4 application onto.)
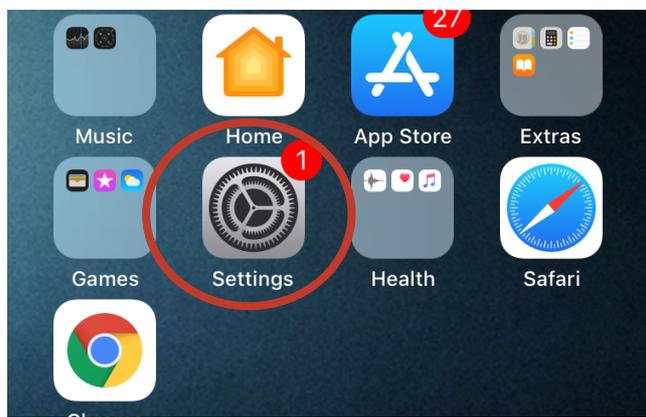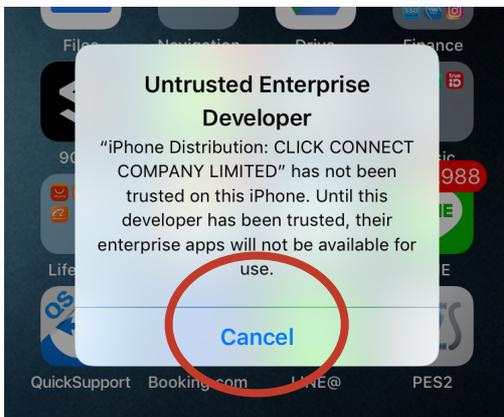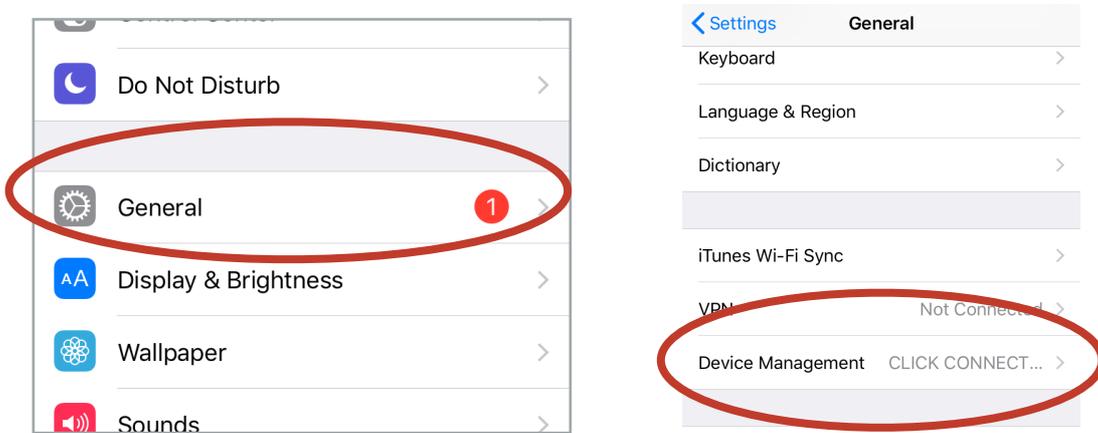
URL Link : https://pinnpes.com/pes4/
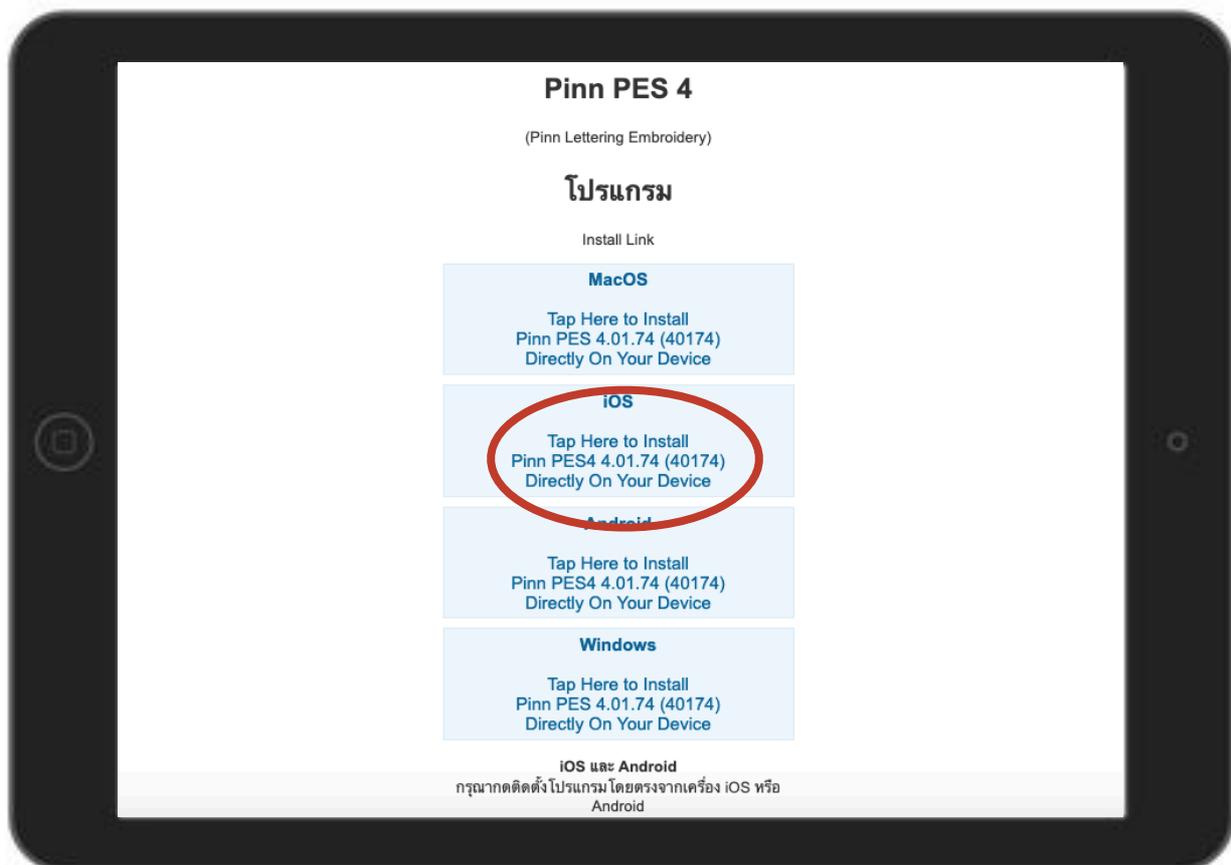
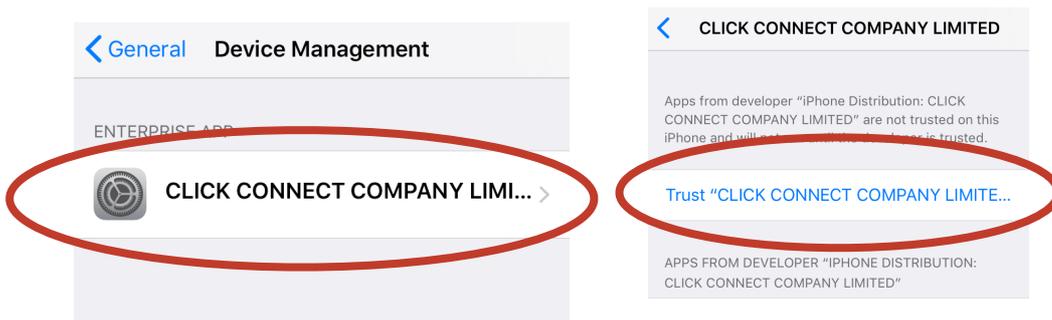**Step 2.** PES4 app icon will appear on home screen

Step 3. When tap on PES app icon, a **Trust Certification** prompt will appear, click on "**Cancel**" first and go Settings.
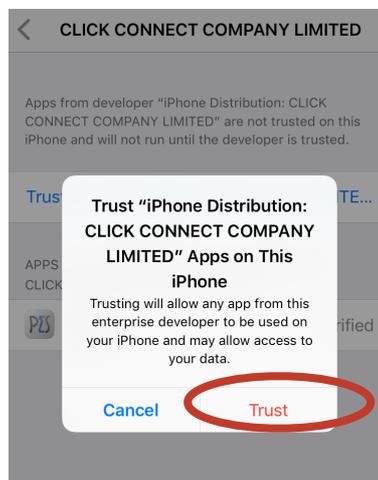
**Step 4.** Go to **General** tab and then access **Device Management**.

Step 5. Tap on "**CLICK CONNECT COMPANY LIMITED**" and then click on "**Trust CLICK CONNECT COMPANY LIMITED**" (blue font).


Step 6. Click on "**Trust**" (red font) which will complete the **Trust Certification** process. A page will display to show that the process has been completed, press on **Home** button to exit **Settings**.

Step 7. First run of PES application, please allow for application to download latest update before using the application (*Internet connection is required)
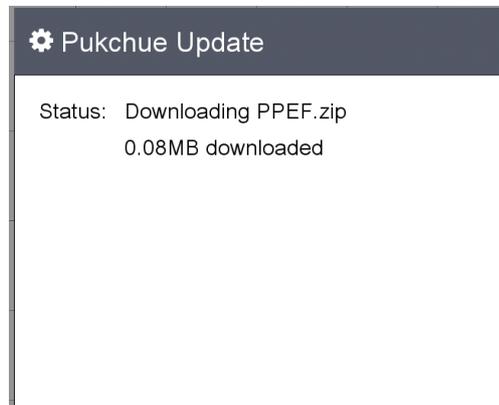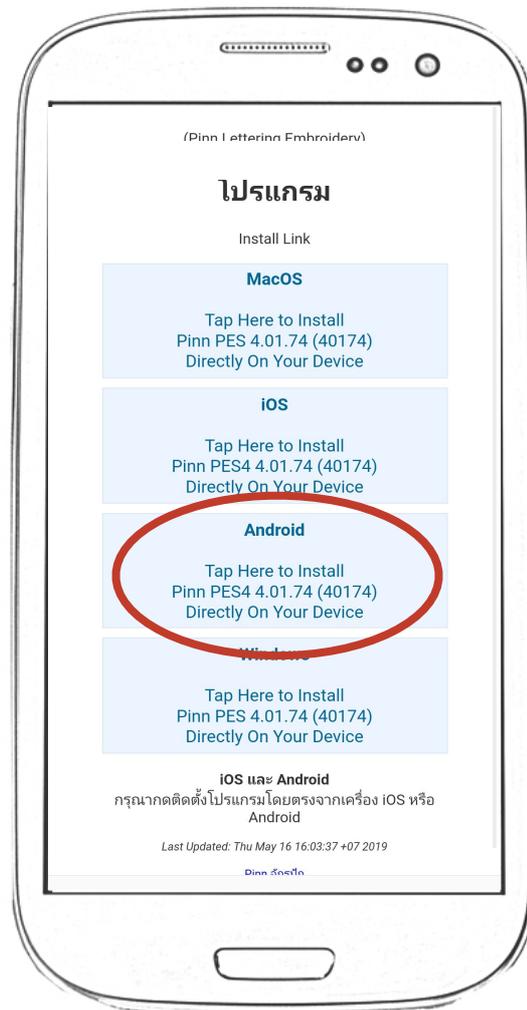

Step 8. Input Passcode received from email to unlock application.
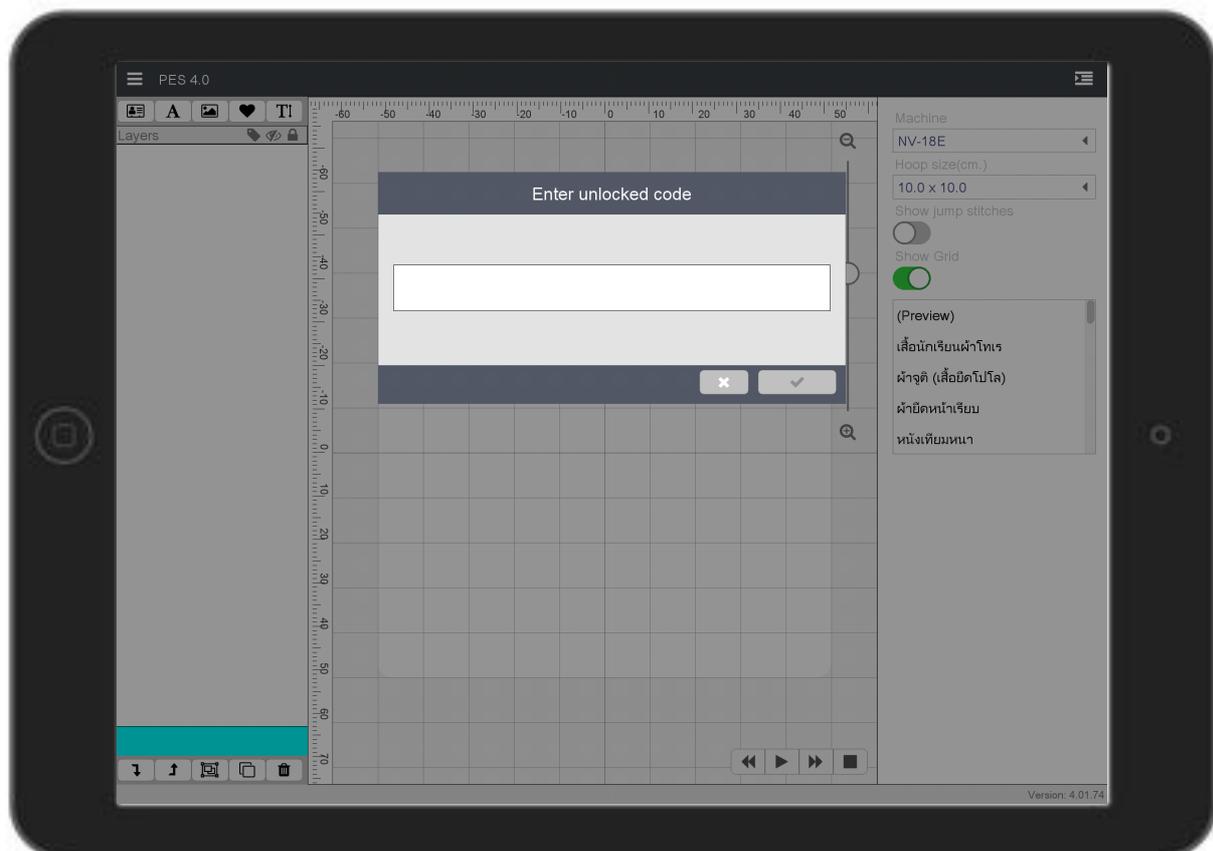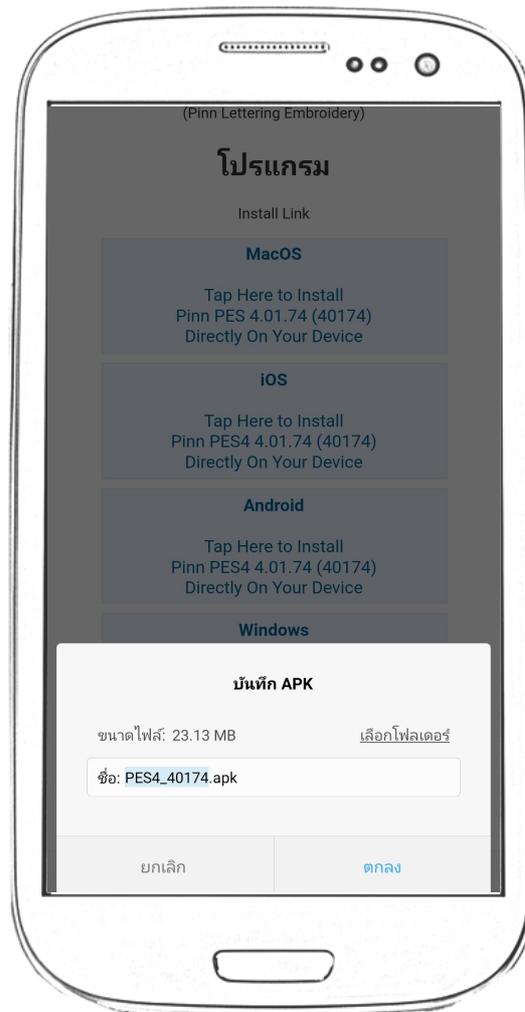
Download and installation for Android

Step 1. Access this URL on web browser of your device (* important - this URL must be access in your device that you will be installing the PES4 application onto.)
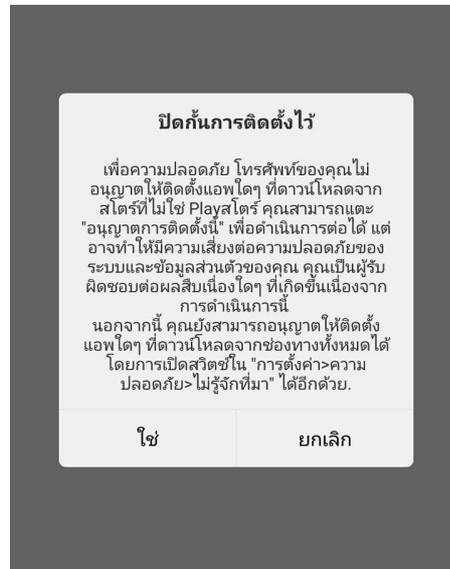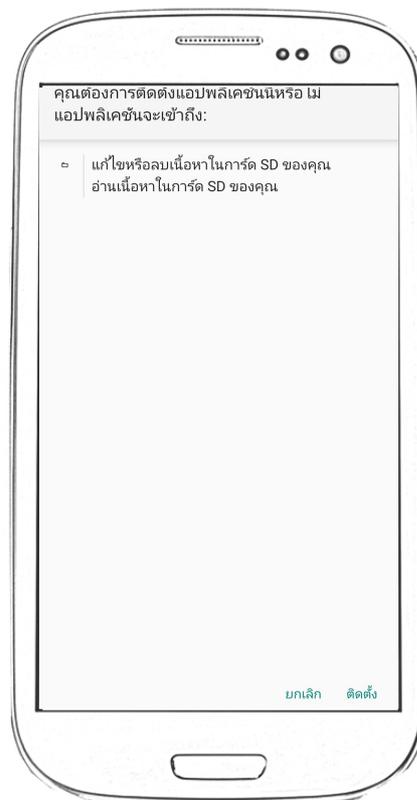
URL Link : https://pinnpes.com/pes4/

Step 2. Download application and press 'OK' to start downloading
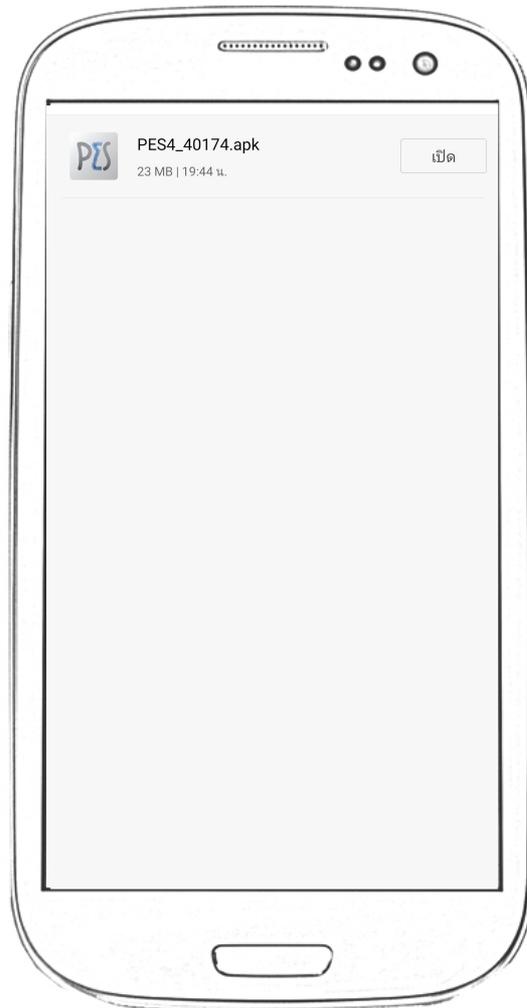
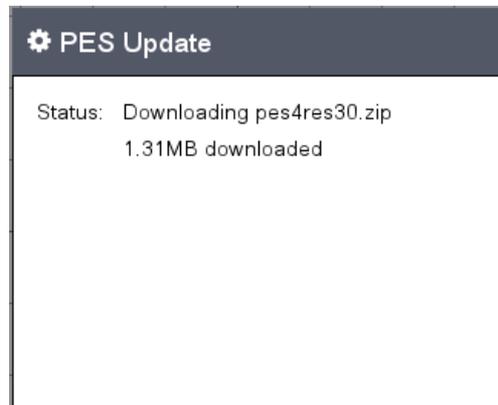**Step 3.** Press 'Yes' to continue installation

Step 4. Select location to install application

Step 5. Installation completed. Press 'Open' to launch application

Step 6. First run of PES application, please allow for application to download latest update before using the application (*Internet connection is required)
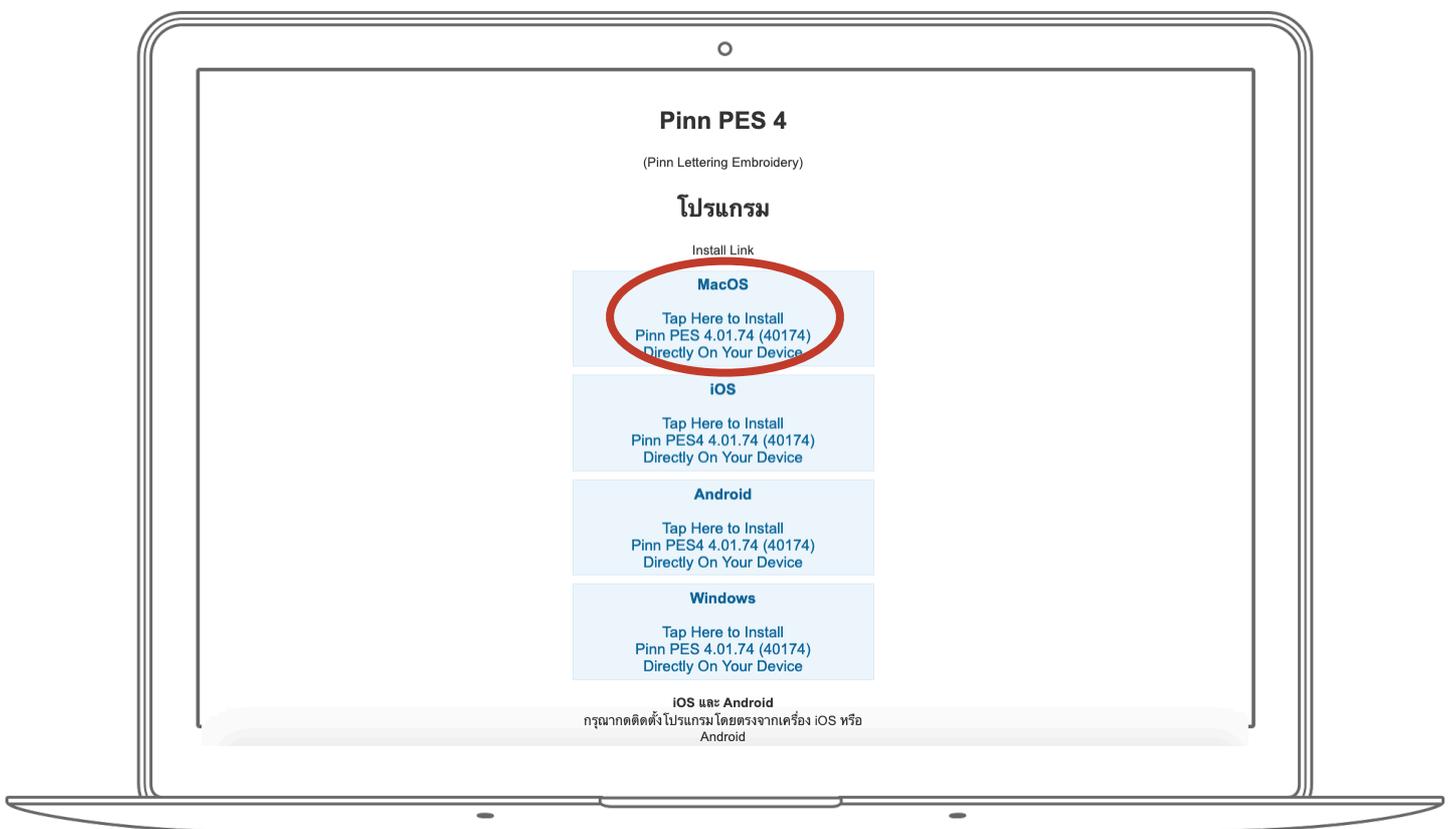

**Step 7.** Input Passcode received from email.

Download and Installation for Mac OSX

Step 1. Access this URL on Safari web browser of your device (* important - this URL must be access in your device that you will be installing the PES4 application onto.)
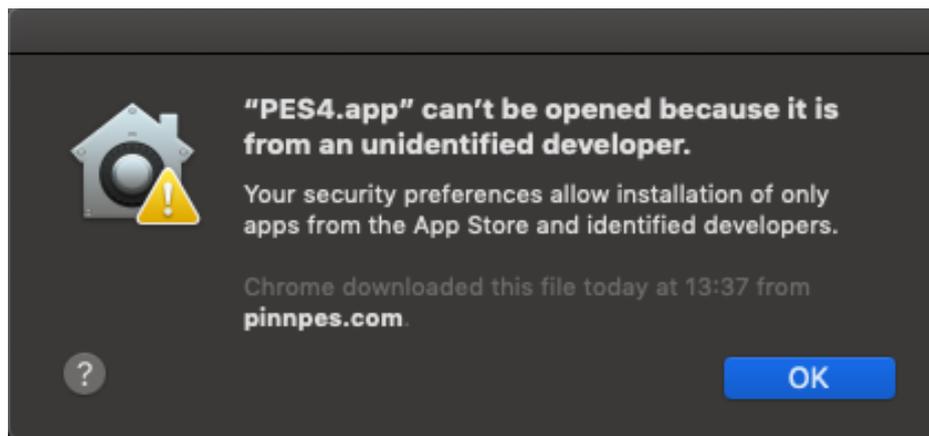
URL Link : https://pinnpes.com/pes4/

Step 2. Once downloaded, MacOS drive will open up a folder with PES4.app, user can drag and move PES4.app to Application folder.
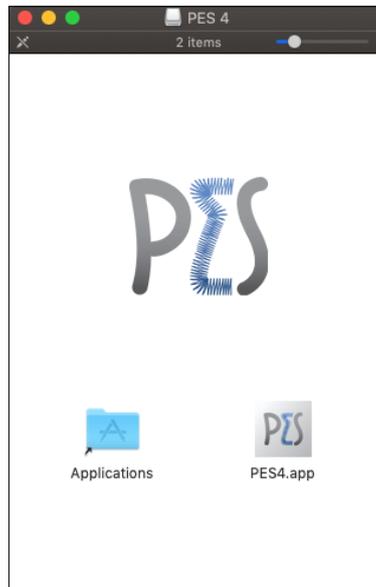

Step 3. Once click on PES4.app on first run, a Security prompt will be displayed if any application will be downloaded outside of Mac App Store. Click on "OK" to access System Preferences.
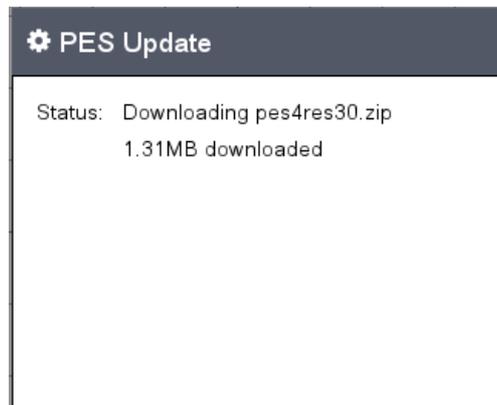
Step 4. Under "System Preferences", click on "Security & Privacy" to allow application to be installed.
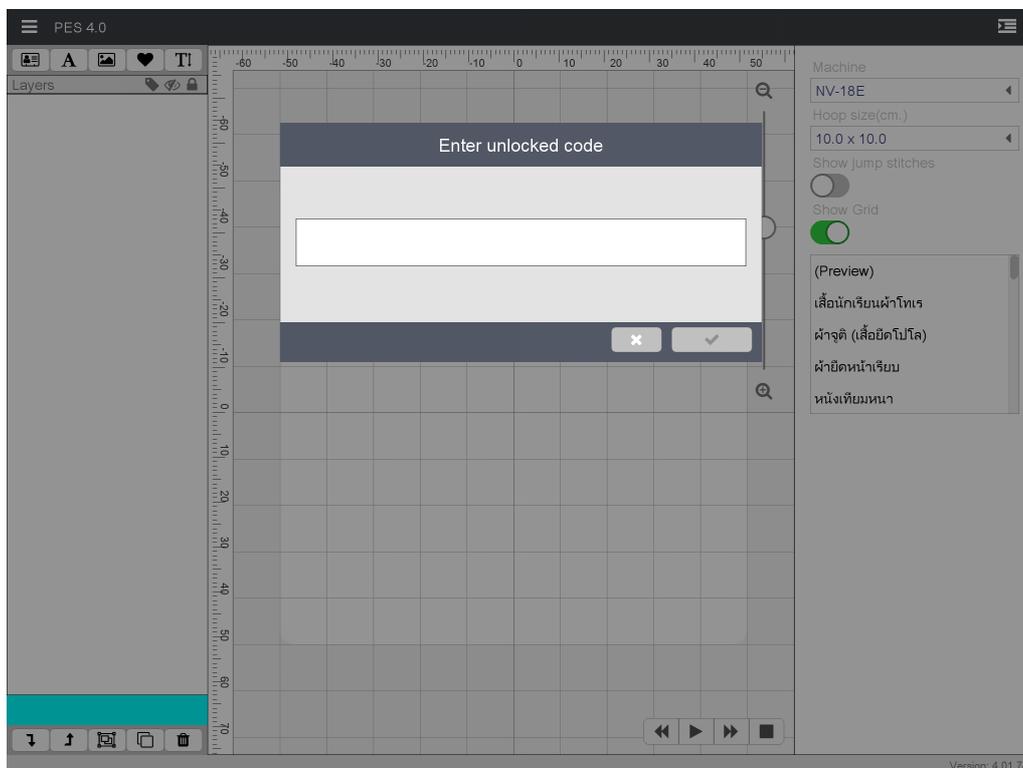

Step 5. Under "Security & Privacy", click on "Open Anyway" to allow application to be installed.
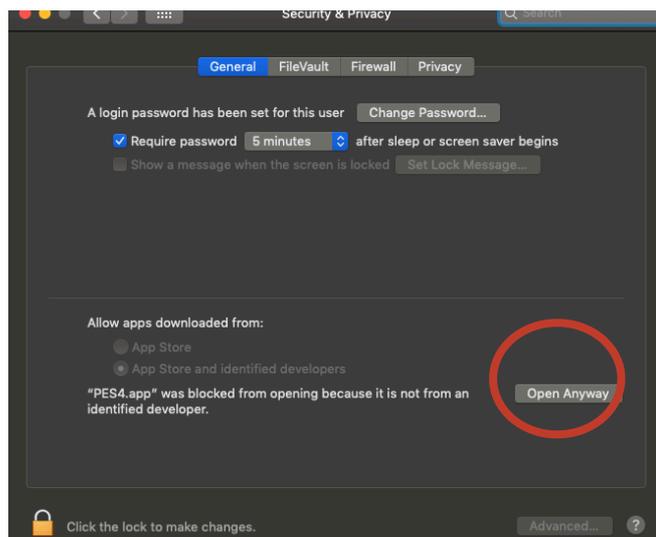
Step 6. First run of PES4 application, please allow for application to download latest update before using the application (*Internet connection is required)
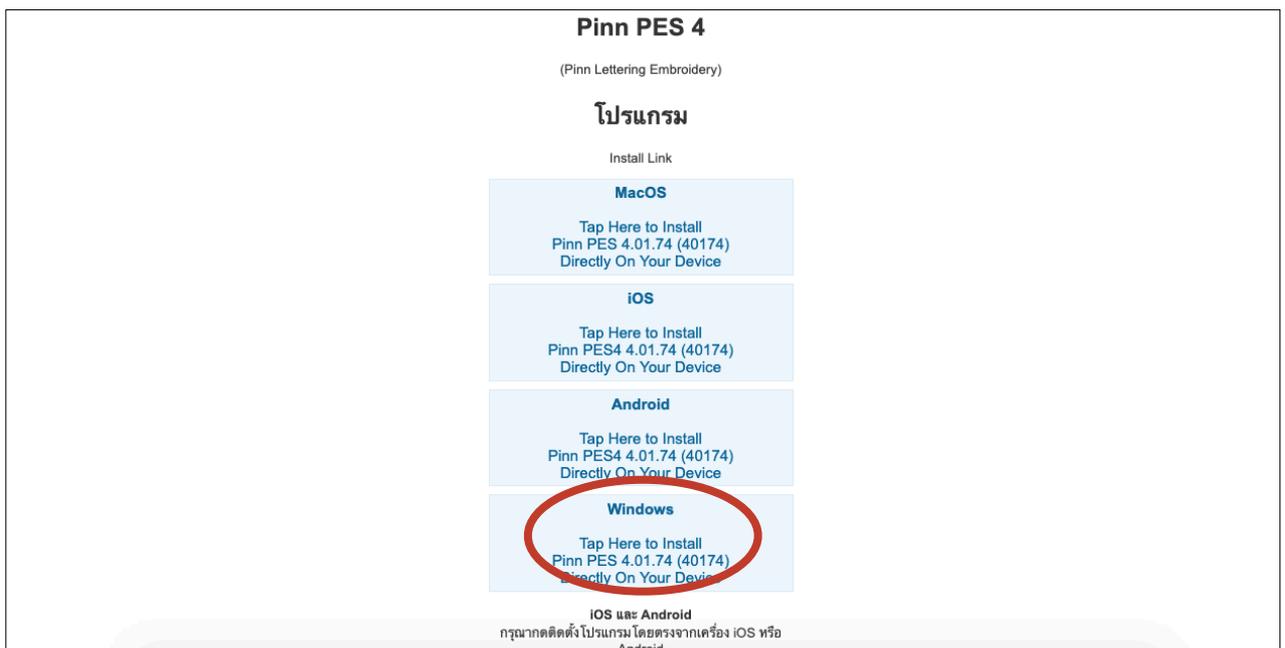

**Step 7.** Input Passcode received from email to unlock application.

Download and Installation for Windows

Step 1. Access this URL on web browser of your device (* important - this URL must be access in your device that you will be installing the PES4 application onto.)
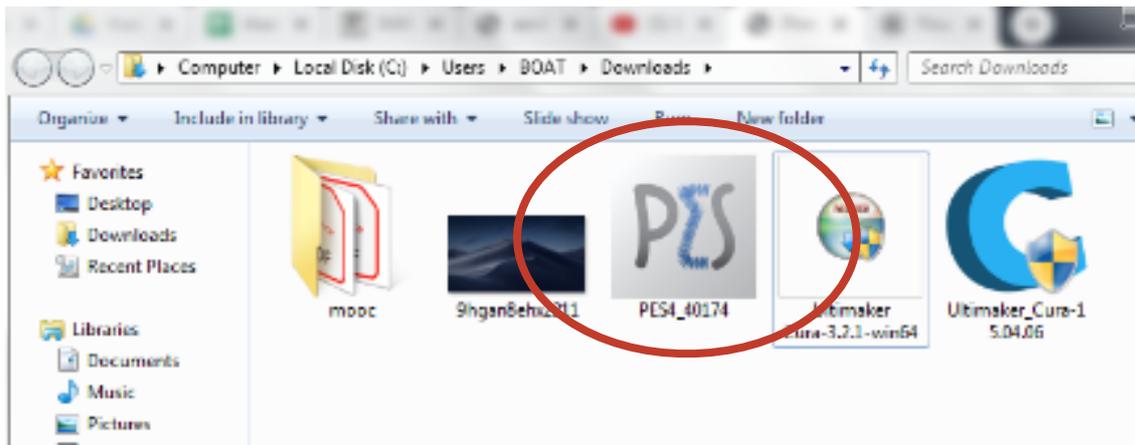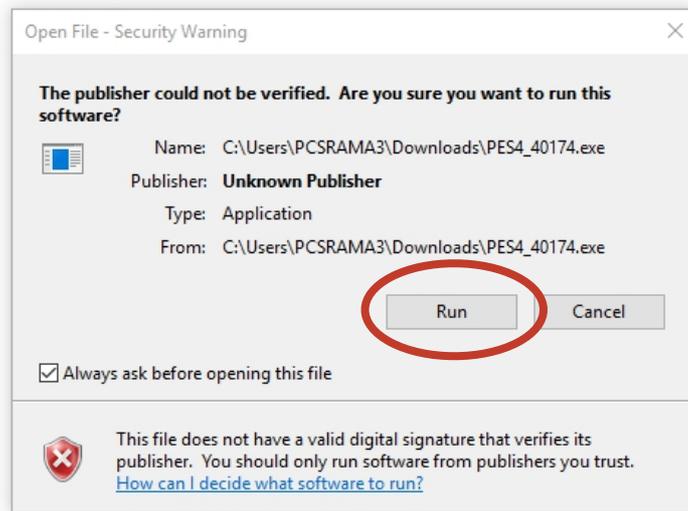
URL Link : https://pinnpes.com/pes4/

Step 2. Windows will prompt for downloading application from unknown source, click 'Yes'
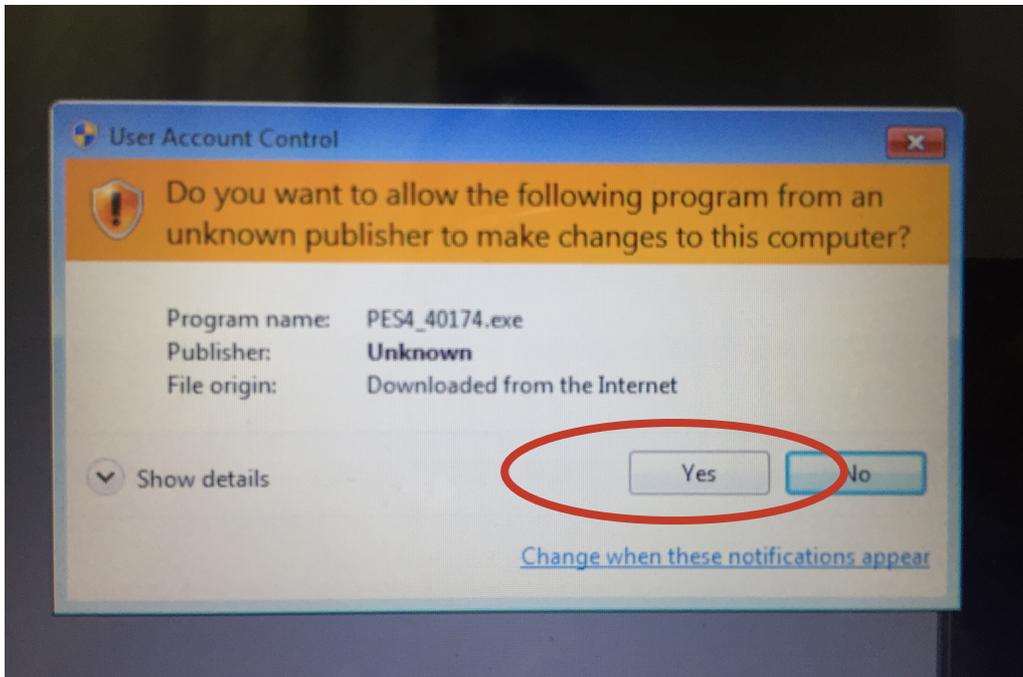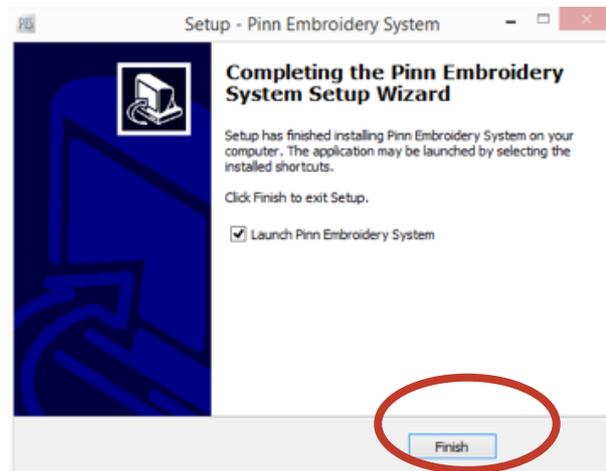

Step 3. PES4 downloader will be in "Download" folder to run for installation
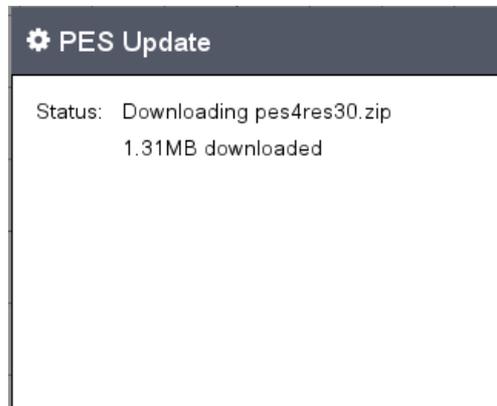
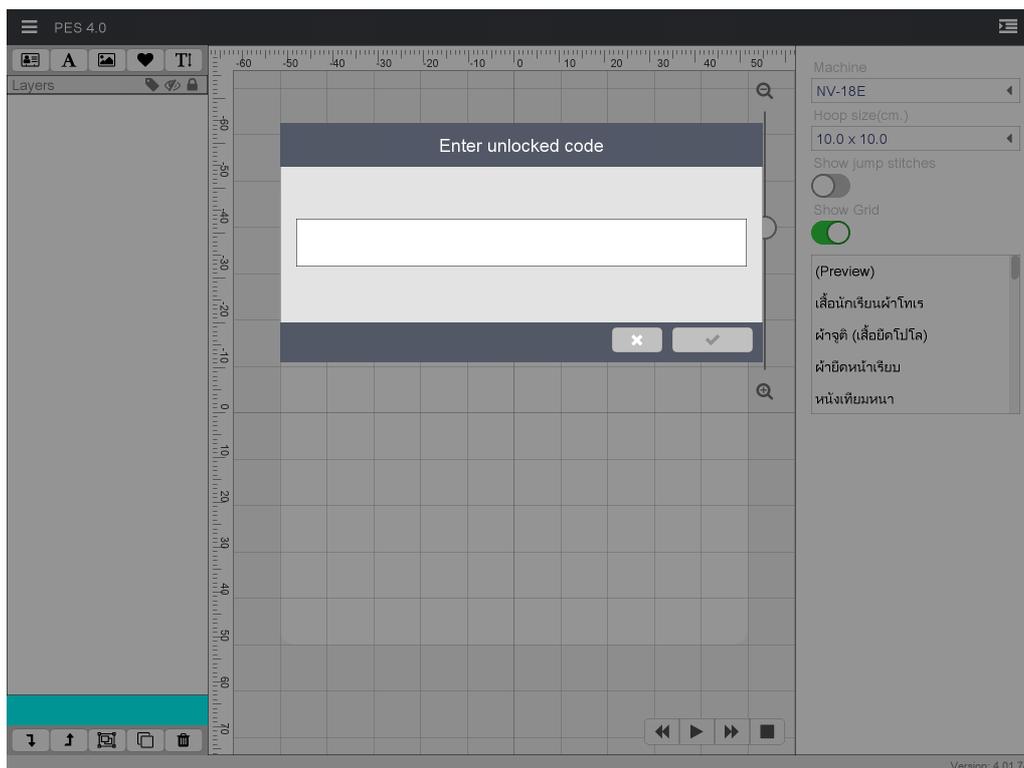**Step 4.** Press "Run" to continue with installation

Step 5. To complete installation, click 'Finish'.

Step 6. First run of PES4 application, please allow for application to download latest update before using the application (*Internet connection is required)

Step 7. Input Passcode received from email to unlock application.

How to install PES4 in Windows 7

1. To install PES4 in Windows 7, windows has to be 64bit and install the latest patch, link below
https://www.microsoft.com/en-us/download/details.aspx?
id=5842&fbclid=IwAR0FOeVXpVopHlF9BsK8pNGWM7uRyK5deiw3V5Knzi6bkxY-
BhEkr5_oYUM

2. Select file **7601.17514.101119-1850_Update_Sp_Wave1-GRMSP1.1_DVD.iso** file size is around 1.9GB to download
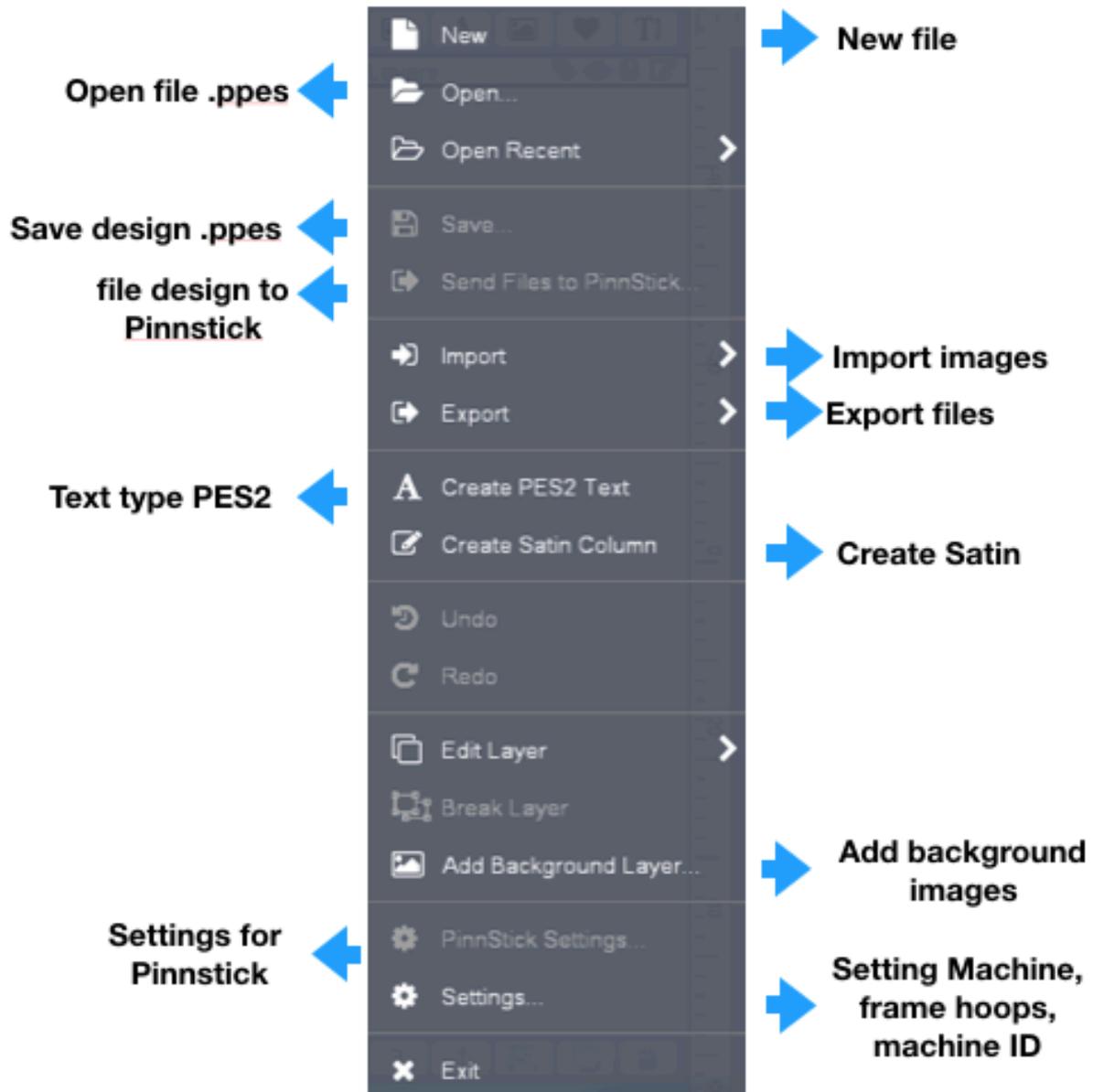
How to install PES4 in Windows 8

1. Windows 8 has to be the latest updates and security patches.

2. Download **api-ms-win-crt-runtime-l1-1-0.dll** and copy into **windows/system32** select your bit version according to this link
https://www.dll-files.com/api-ms-win-crt-runtime-l1-1-0.dll.html?
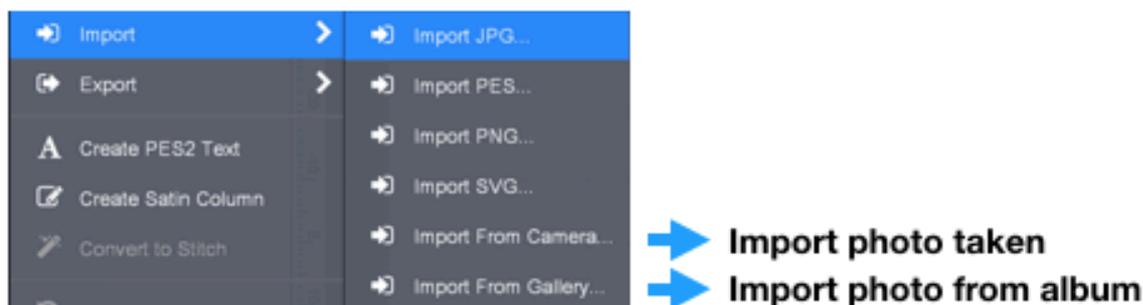fbclid=IwAR2qNrpGv4nzNPerW1Mkp66bbah9xTY6CaatWKn_bCMcvRBTLp5t6jAAuFo
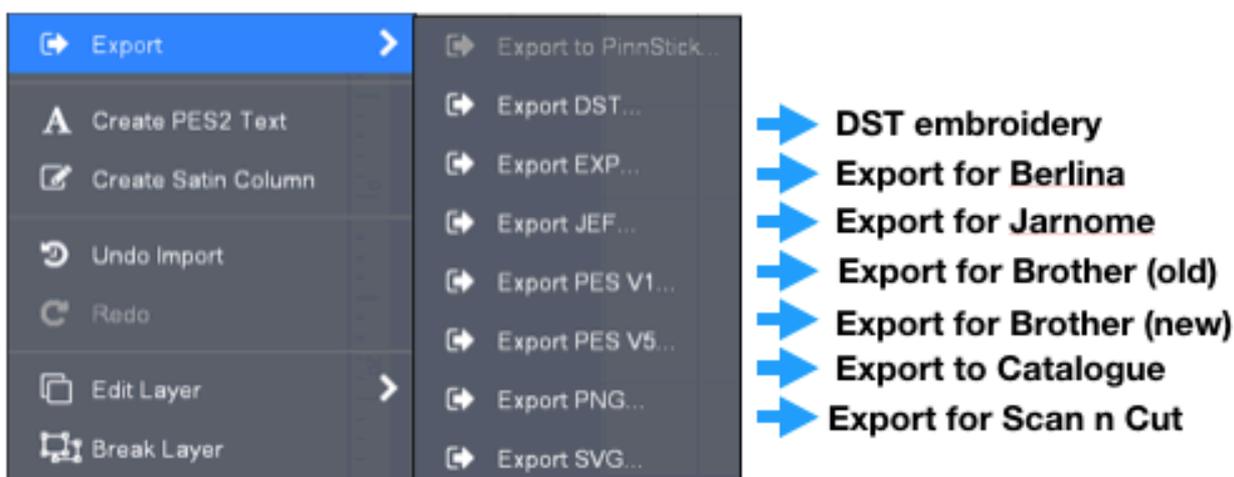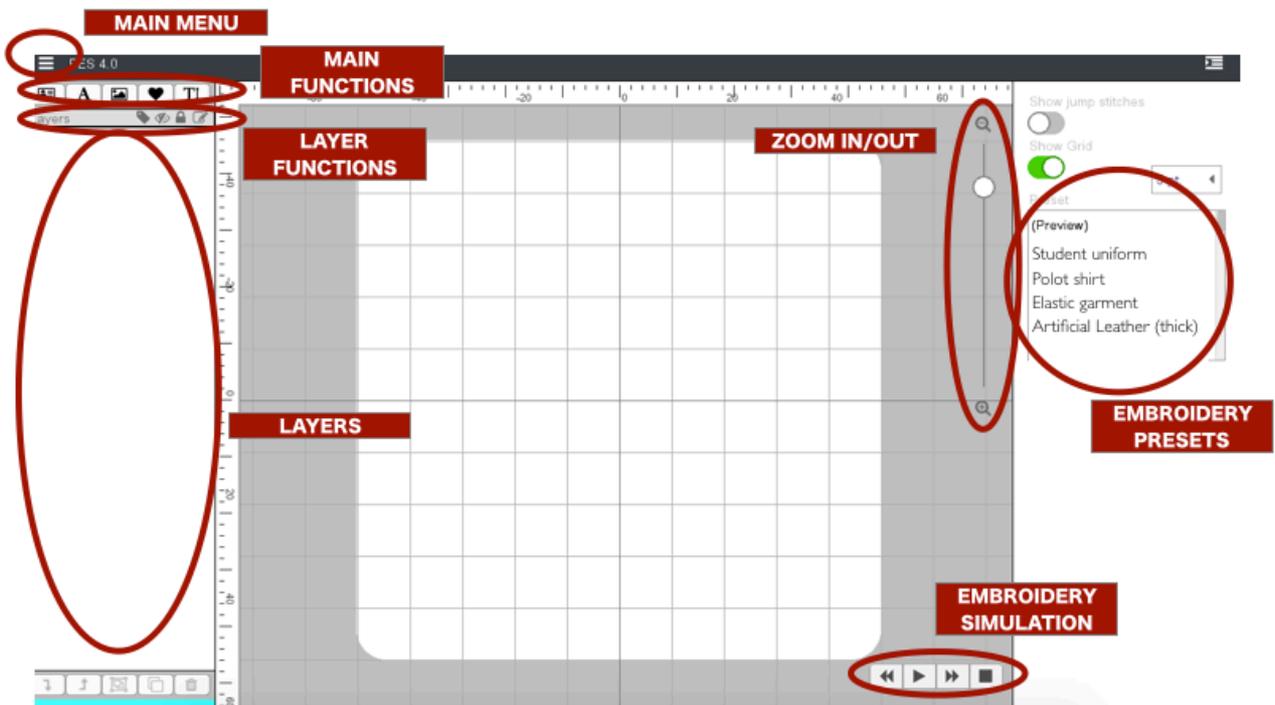
CH. 4 - WORKSPACE AND MAIN MENU OF PES4

Open file .ppes ◀

Save design .ppes ◀

file design to
Pinnstick ◀

Text type PES2 ◀

Settings for
Pinnstick ◀

➡ New file

➡ Import images

➡ Export files

➡ Create Satin

➡ Add background
images

➡ Setting Machine,
frame hoops,
machine ID

New	
Open...	
Open Recent	>
Save...	
Send Files to PinnStick...	
Import	>
Export	>
Create PES2 Text	
Create Satin Column	
Undo	
Redo	
Edit Layer	>
Break Layer	
Add Background Layer...	
PinnStick Settings...	
Settings...	
Exit	

Import menu (desktop)

→ Import JPG...	Import JPG format
→ Import PES...	Import PES embroidery
→ Import PNG...	Import PNG format
→ Import SVG...	Import SVG format

Import Menu (iPad)

→ Import From Camera...	Import photo taken
→ Import From Gallery...	Import photo from album

Export Menu

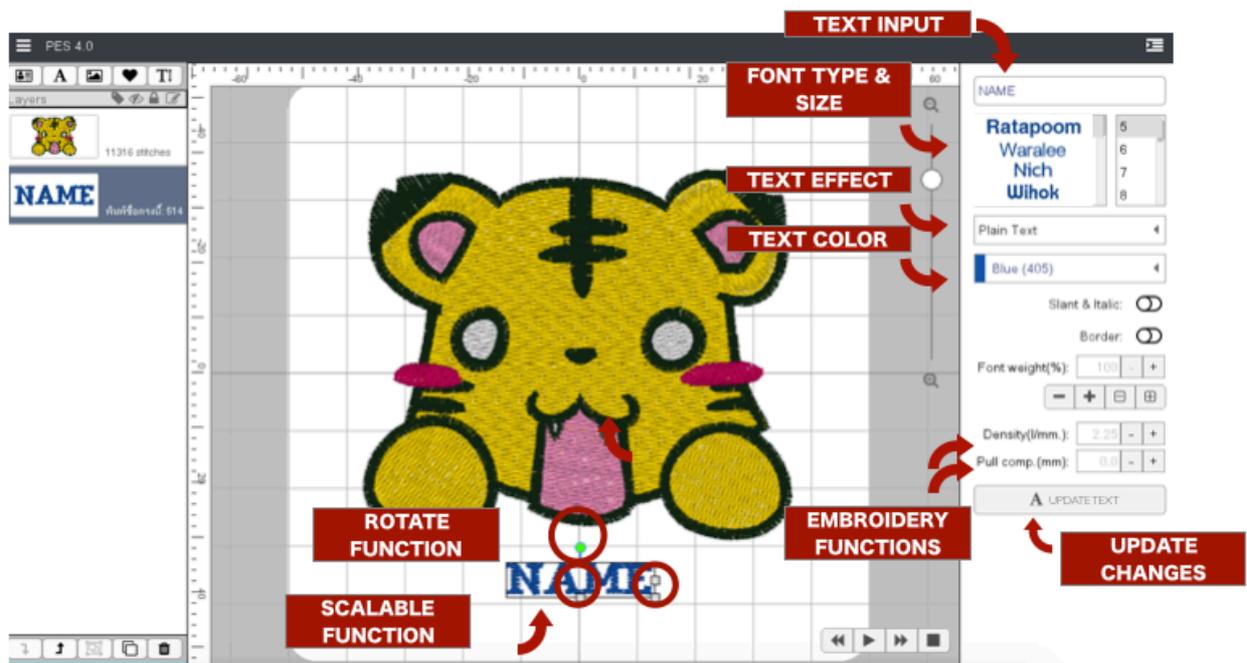|	
→ Export DST...	DST embroidery
→ Export EXP...	Export for Berlina
→ Export JEF...	Export for Jarnome
→ Export PES V1...	Export for Brother (old)
→ Export PES V5...	Export for Brother (new)
→ Export PNG...	Export to Catalogue
→ Export SVG...	Export for Scan n Cut

PES4 Workspace

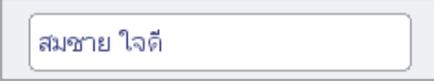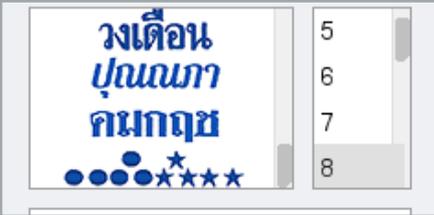** To move around the workspace, use Ctrl + Left Click Mouse

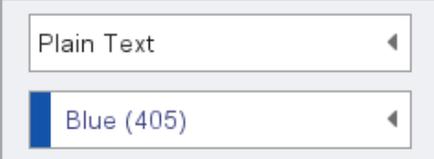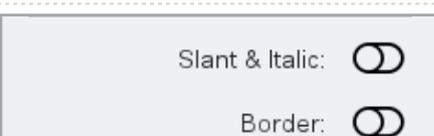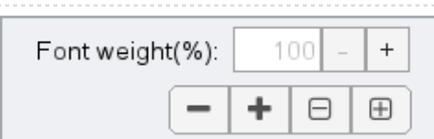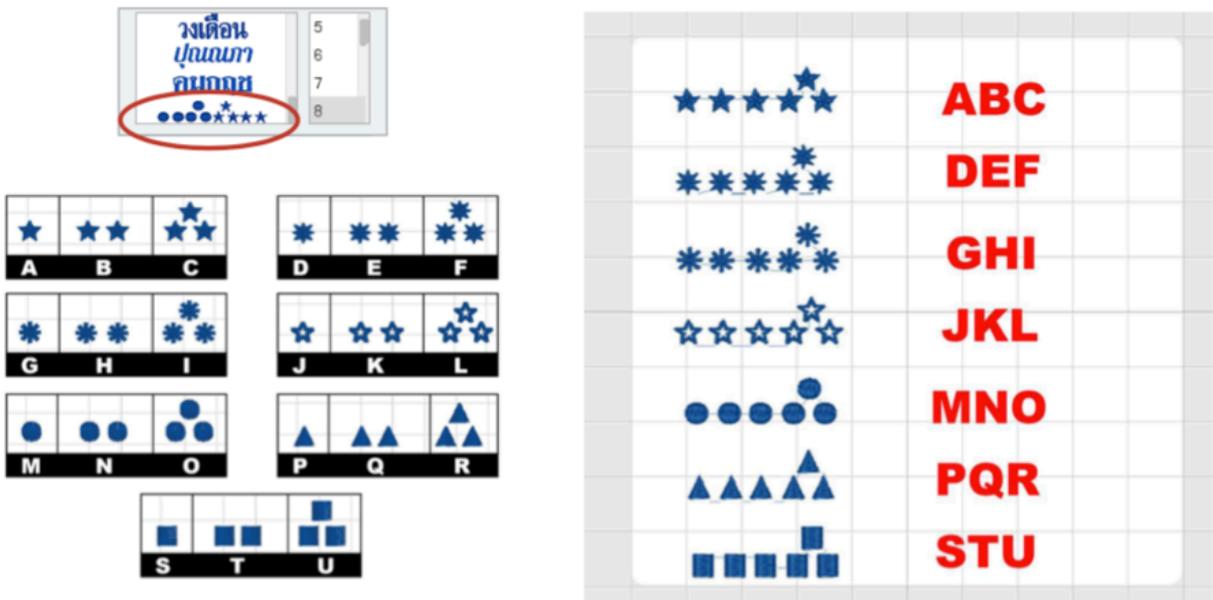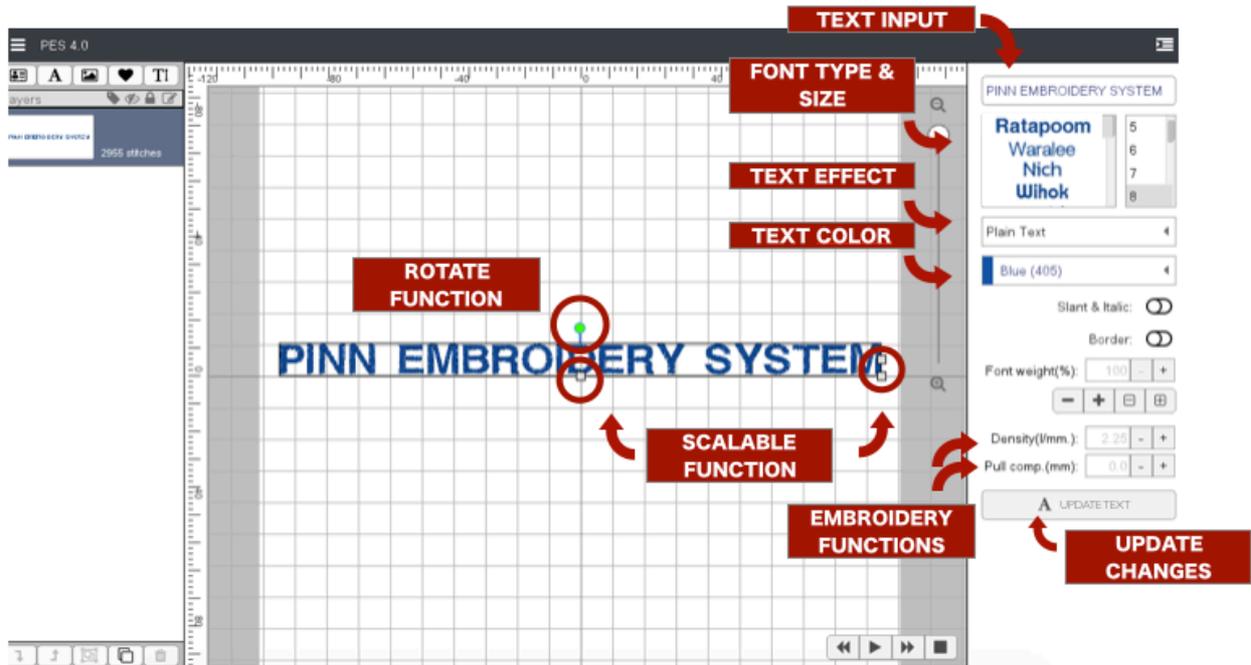# MAIN FUNCTIONS
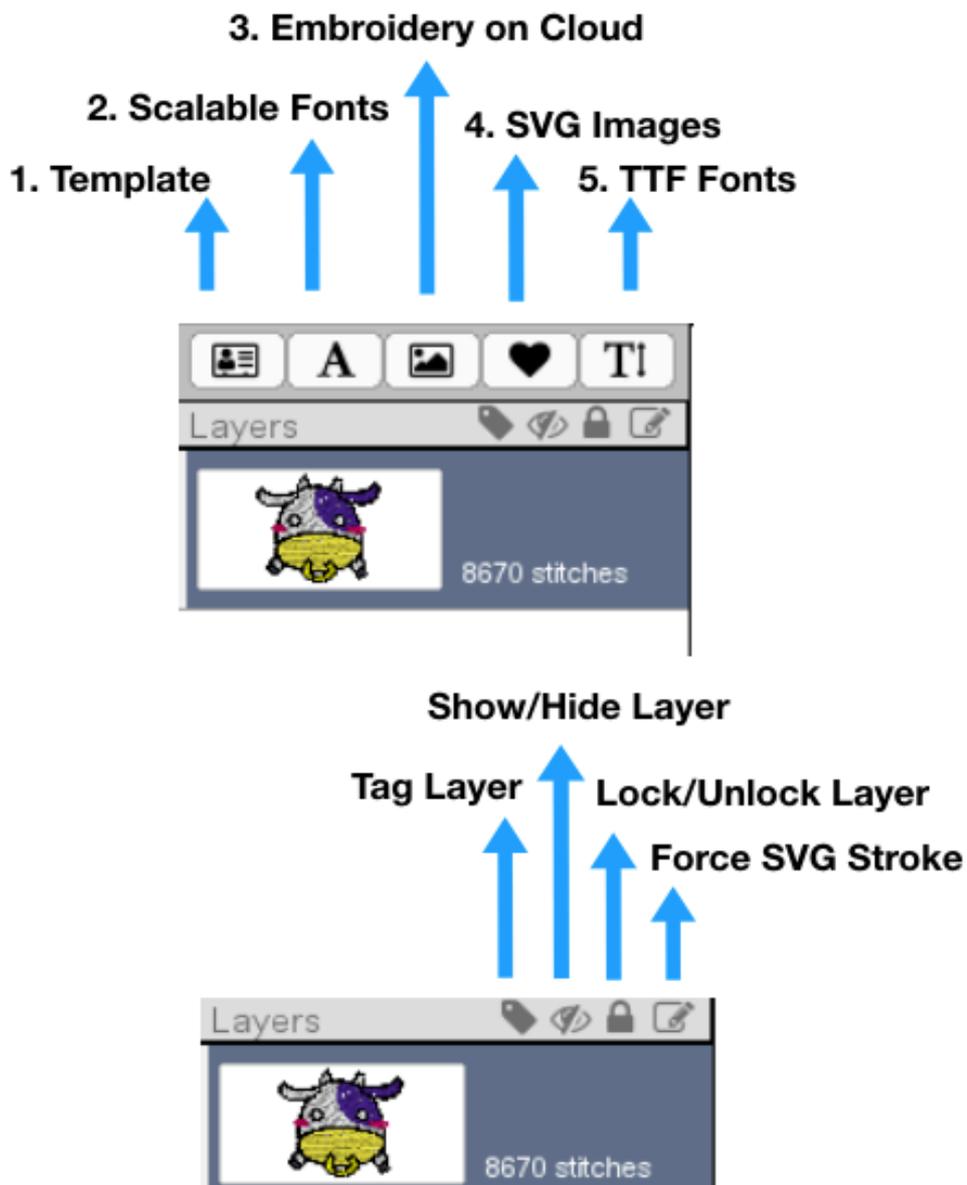
Template

Template for Embroidery is a design that has a 'name' tag attached as it would be easier for users to type and personalised their embroidery designs.
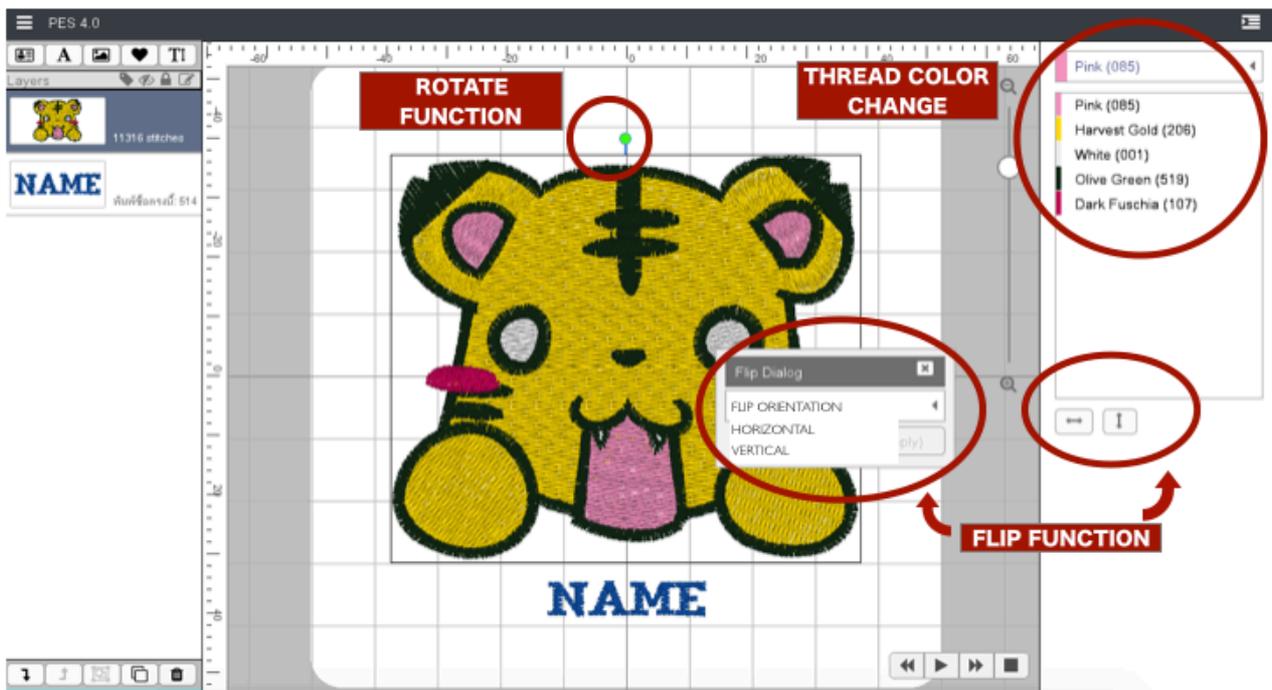
FUNCTIONS	DESCRIPTION
สมชาย ใจดี	**1. Text input**
วงเดือน ปุณณภา คนมกฤช 5 6 7 8	**2. Font type and size**
Plain Text ◄ Blue (405) ◄	**3. Text Effect and Color**
Slant & Italic: Border:	**4. Slanted text and Border**
Font weight(%): 100 – + − + ⊟ ⊞	**5. Increase font thickness**

SCALABLE FONTS

Rattapoom ABCDE abcde 12345
Waralee ABCDE abcde 12345
Nich ABCDE abcde 12345
Wihok ABCDE abcde 12345
Khumkao ABCDE abcde 12345
Anika ABCDE abcde 12345
Kachin ABCDE abcde 12345
Wongduen ABCDE abcde 12345
Punnapha ABCDE abcde 12345
Komkrit ABCDE abcde 12345
Kaona ABCDE abcde 12345
Nam ABCDE abcde 12345
Waiwat ABCDE abcde 12345

Pallawan ABCDE abcde 12345

Chanya ABCDE abcde 12345

Farat ABCDE abcde 12345

Lachat ABCDE abcde 12345

Nawa ABCDE abcde 12345

Cartoon ABCDE abcde 12345

Lanna ABCDE abcde 12345

Likit ABCDE abcde 12345

Laimue ABCDE abcde 12345

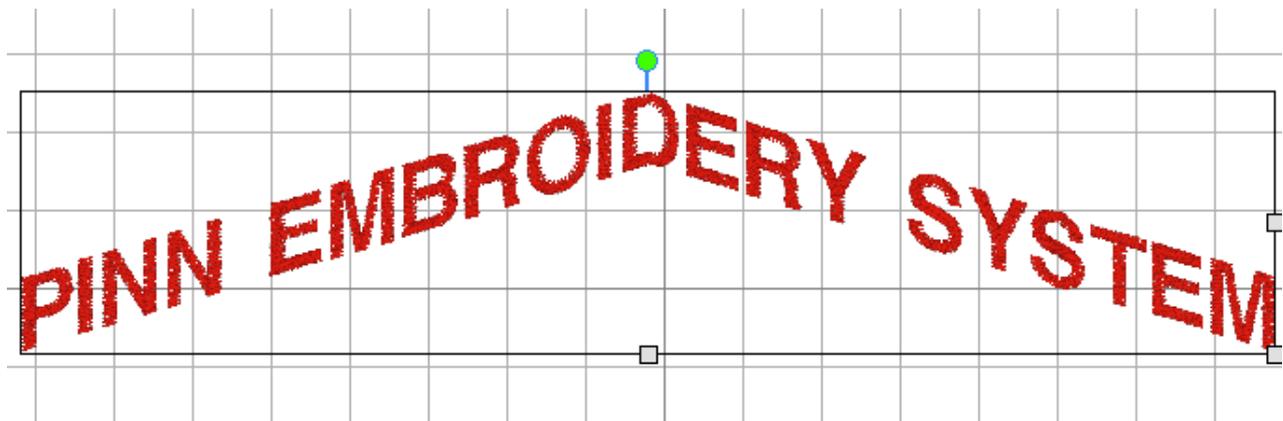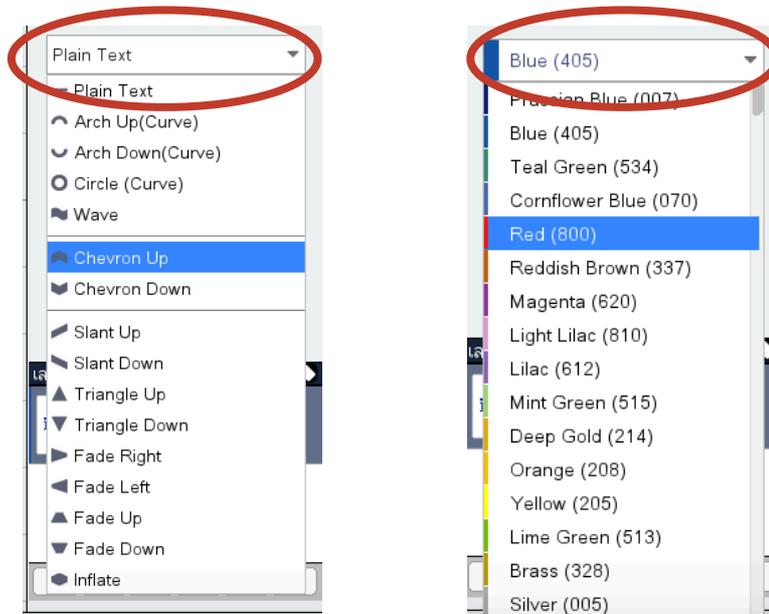Aksara ABCDE abcde 12345

Boaboon ABCDE abcde 12345

Choonok ABCDE abcde 12345

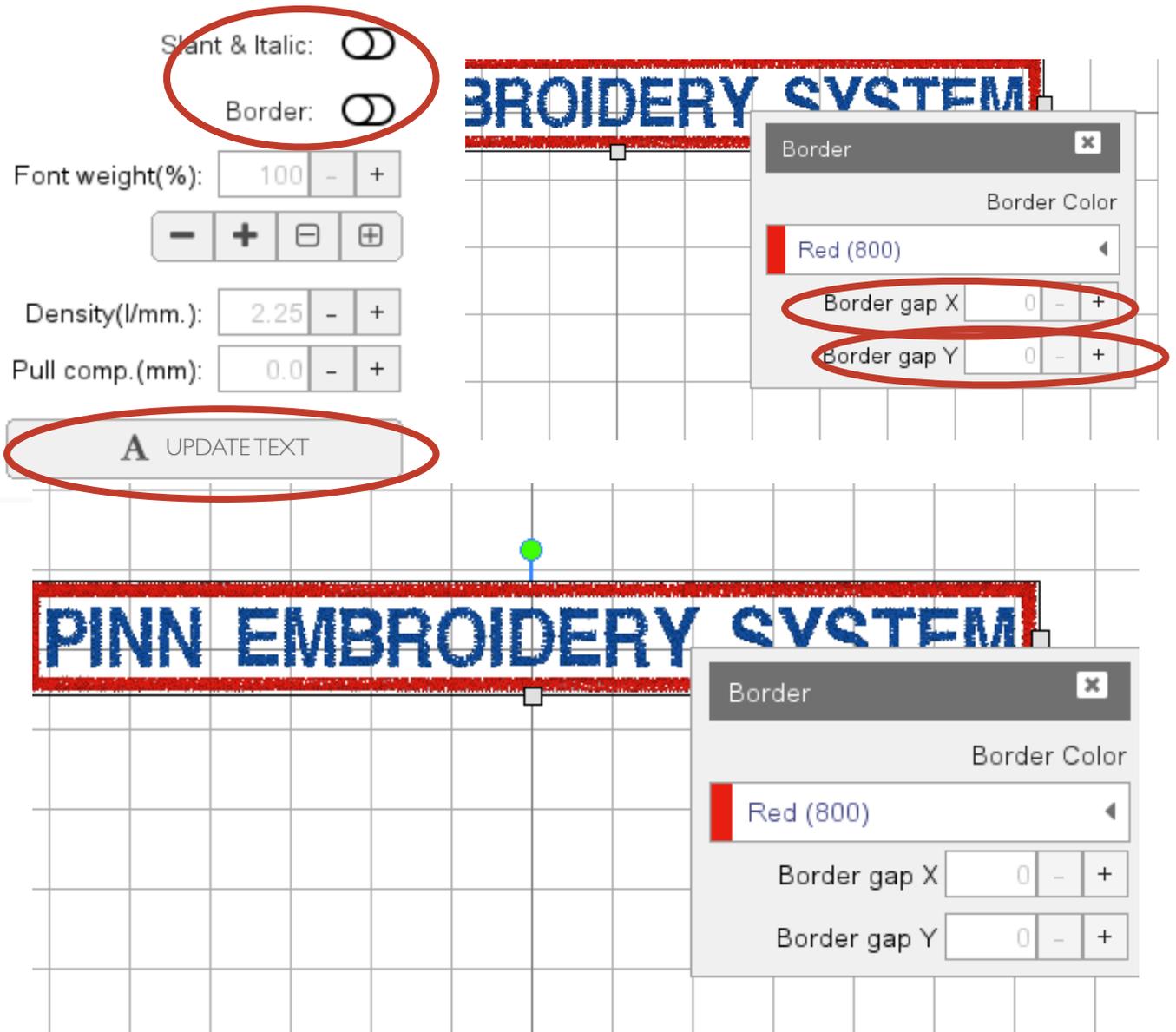Cholewhiang ABCDE abcde 12345

Laongdao ABCDE abcde 12345

TEXT EFFECT AND COLOR

- Select the Text Effect and colour
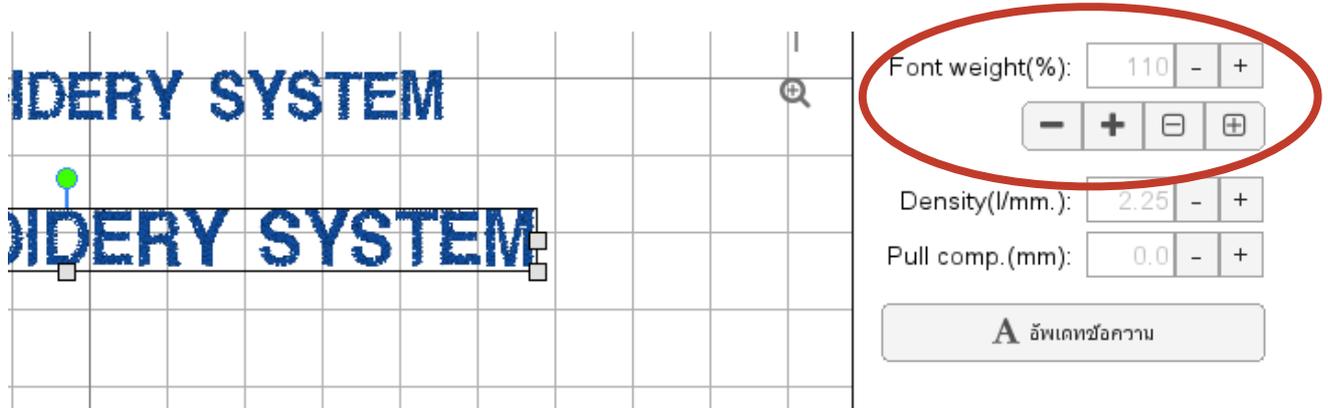- Always click on "Update Text" to take effect

SLANTED TEXT & BORDER

- Select Slant and Border
- Press on 'Update Text' to take effect
- Able to change border color by double clicking on border
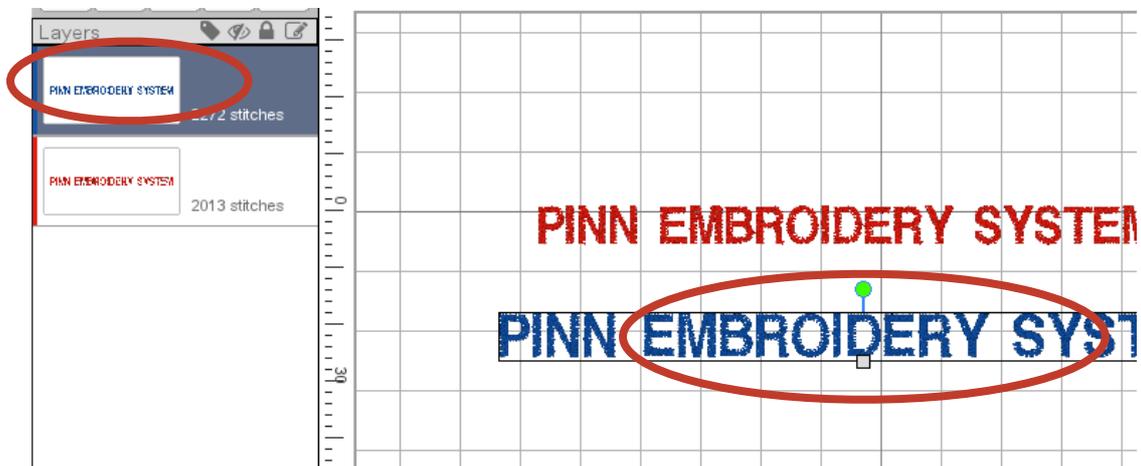- Able to adjust distance of border and text by selecting border gap

Font Weight
- Either increase + or decrease - font weight
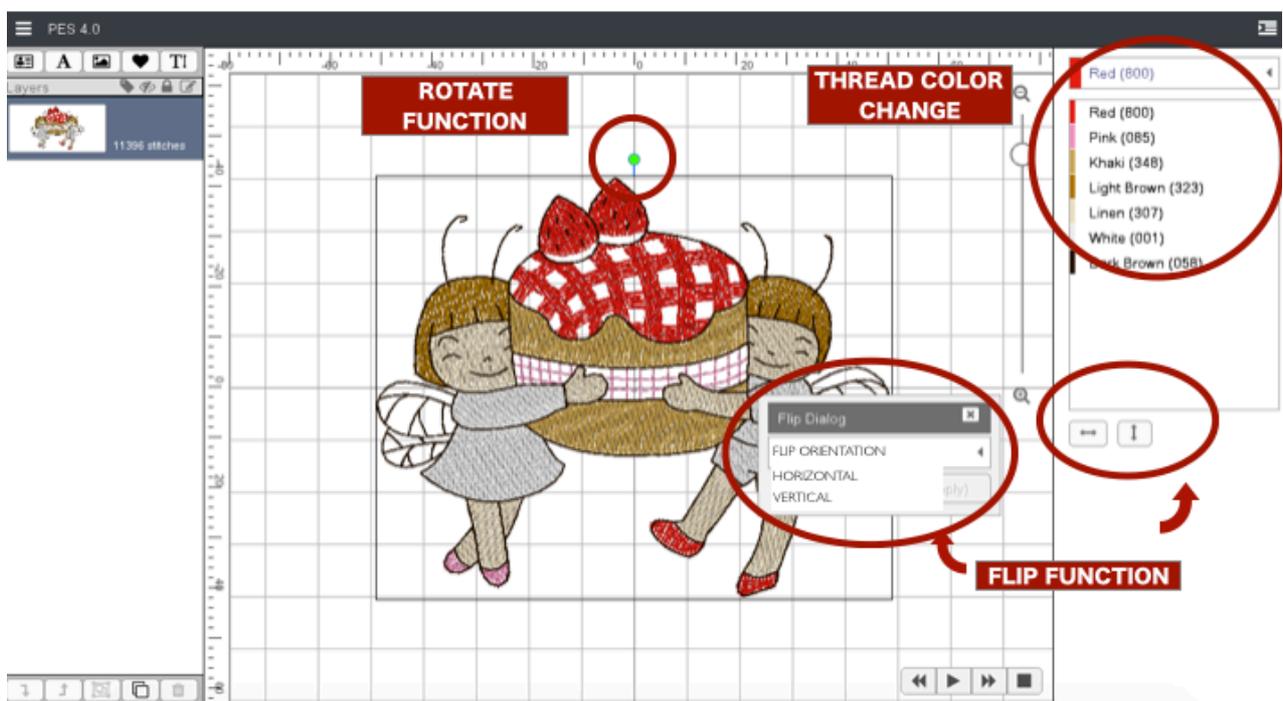- Press on 'Update Text' to take effect

Working Layer
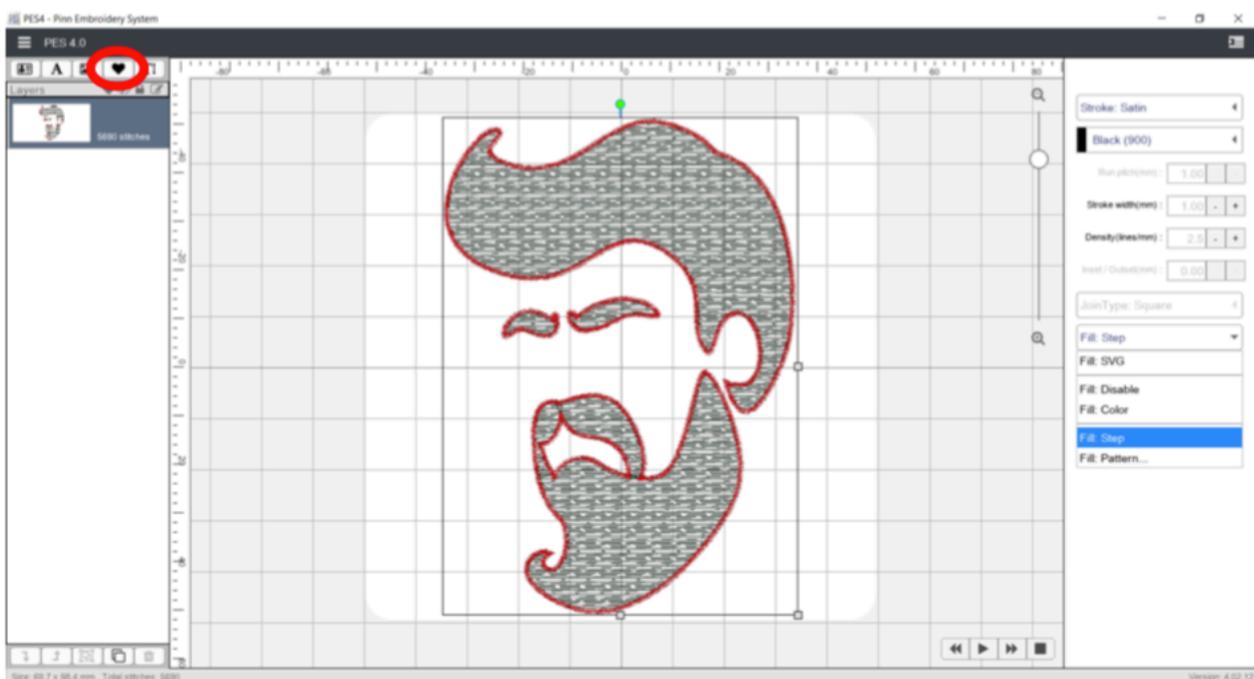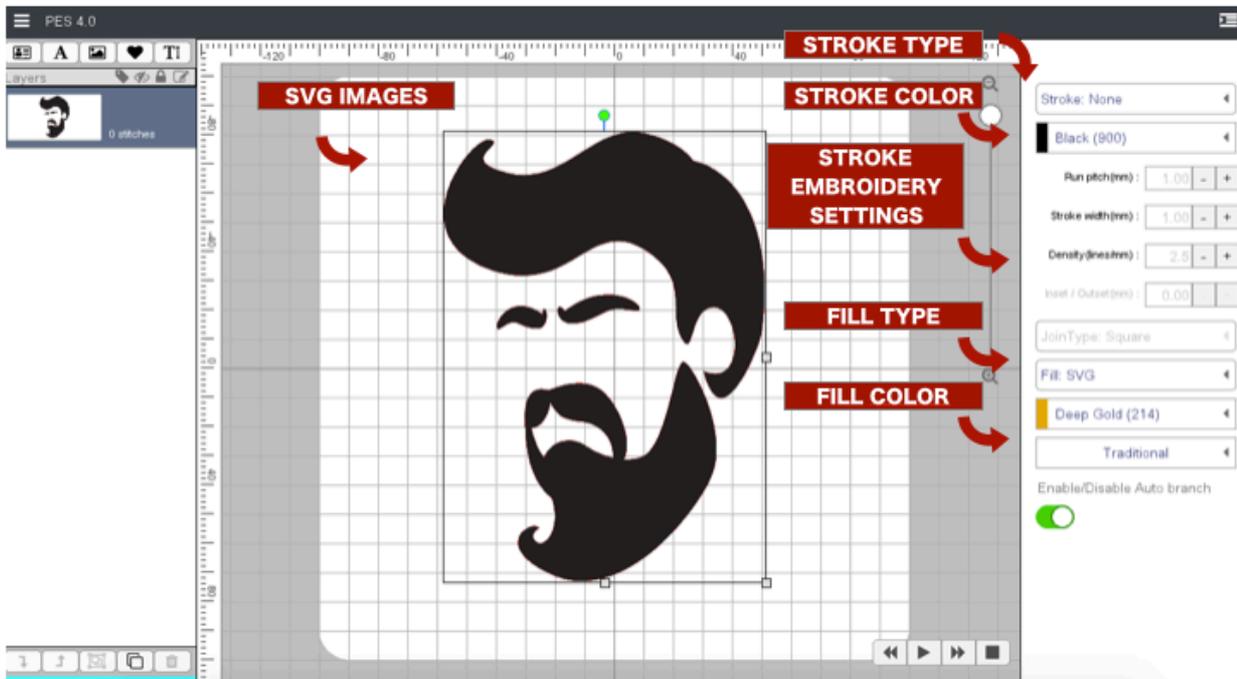- Select Layer on the left column to work on that specific layer

Embroidery on Cloud

Embroidery on Cloud is a folder that consist of ready made / ready to use embroidery designs that users can download and use as part of their designs whether it is on a dress, tshirt, bags and many other things.
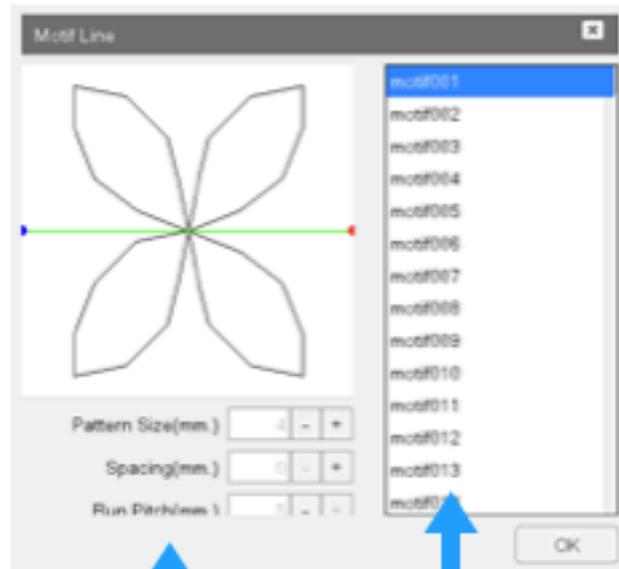
SVG Images

SVG Images are images are both scalable and ready for users to design their own stroke pattern and / or Fill pattern and turn it into their own embroidery design
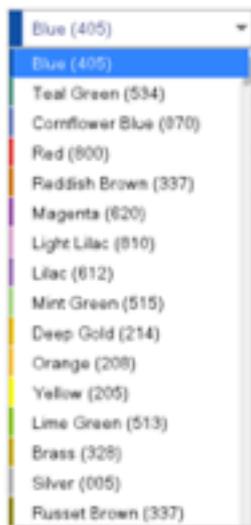
STROKE DESIGNS

Stroke: Running Stitch

Stroke: None
Stroke: Running Stitch

Stroke: Satin
Stroke: Satin Outer
Stroke: Satin Inner

Stroke: Motif...

STROKE : MOTIF

Motif Line

motif001
motif002
motif003
motif004
motif005
motif006
motif007
motif008
motif009
motif010
motif011
motif012
motif013
motif0

Pattern Size(mm.)
Spacing(mm.)
Run Pitch(mm.)

OK

STROKE COLOR

Blue (405)

Blue (405)
Teal Green (534)
Cornflower Blue (970)
Red (800)
Reddish Brown (337)
Magenta (820)
Light Lilac (810)
Lilac (612)
Mint Green (515)
Deep Gold (214)
Orange (208)
Yellow (205)
Lime Green (513)
Brass (328)
Silver (005)
Russet Brown (337)

MOTIF SETTINGS
- **Motif Size**
- **Motif Spacing**
- **Run frequency**

MOTIF PATTERNS

Single Running Stitch

Start   End

Three Passes of a
Running Stitch

13 14 15 16 17 18   End   Third Row
12 11 10 9 8 7   Second Row
Start 1 2 3 4 5 6   First Row

Bean or Triple Stitch

Fig. 1

Start   End

FILL DESIGNS

Fill: SVG
Fill: SVG
Fill: Disable
Fill: Color
Fill: Step
Fill: Pattern...
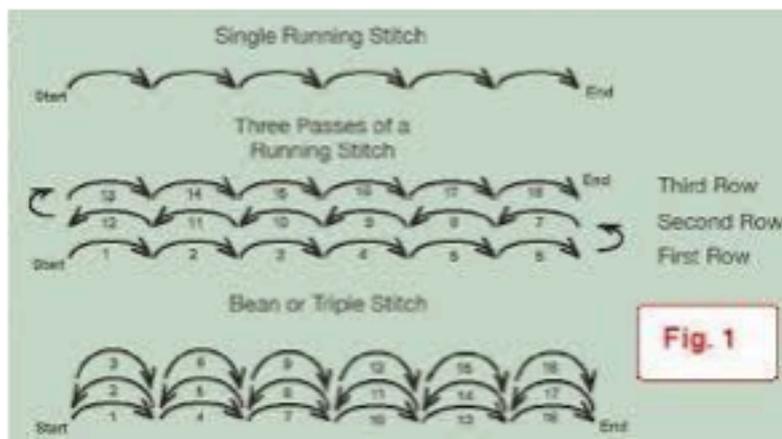
No fill

Solid Color

Fill : Step

Fill: Step
Blue (405)
Traditional
Traditional
Brick
Pillar
Zigzag
Wave
Fan
preset01
preset02
preset03
preset04

Fill Color

Blue (405)
Blue (405)
Teal Green (534)
Cornflower Blue (070)
Red (800)
Reddish Brown (337)
Magenta (620)
Light Lilac (810)
Lilac (612)
Mint Green (515)
Deep Gold (214)
Orange (208)
Yellow (205)
Lime Green (513)
Brass (328)
Silver (005)
Russet Brown (337)

Pattern Embossed Fill

net1
net2
net3
net4
pat01
pat02
pat03
pat04
pat05
pat06
pat07
pat08
pat09
pat10

Pattern Size(mm.)
Angle(degree)
Density(lines/mm.)

OK

Pattern Designs

TTF FONTS

TTF fonts are true type fonts that are embedded in PES4 for users to be able to design their own stroke and/or fill to create their own embroidery design

CH. 5 - SAVE AND SEND DESIGNS TO EMBROIDERY MACHINES

Step 1. Internet connection such as WIFI / 3G / 4G are necessary for embroidery designs to be saved in PES4

Step 2. Run PES4 application
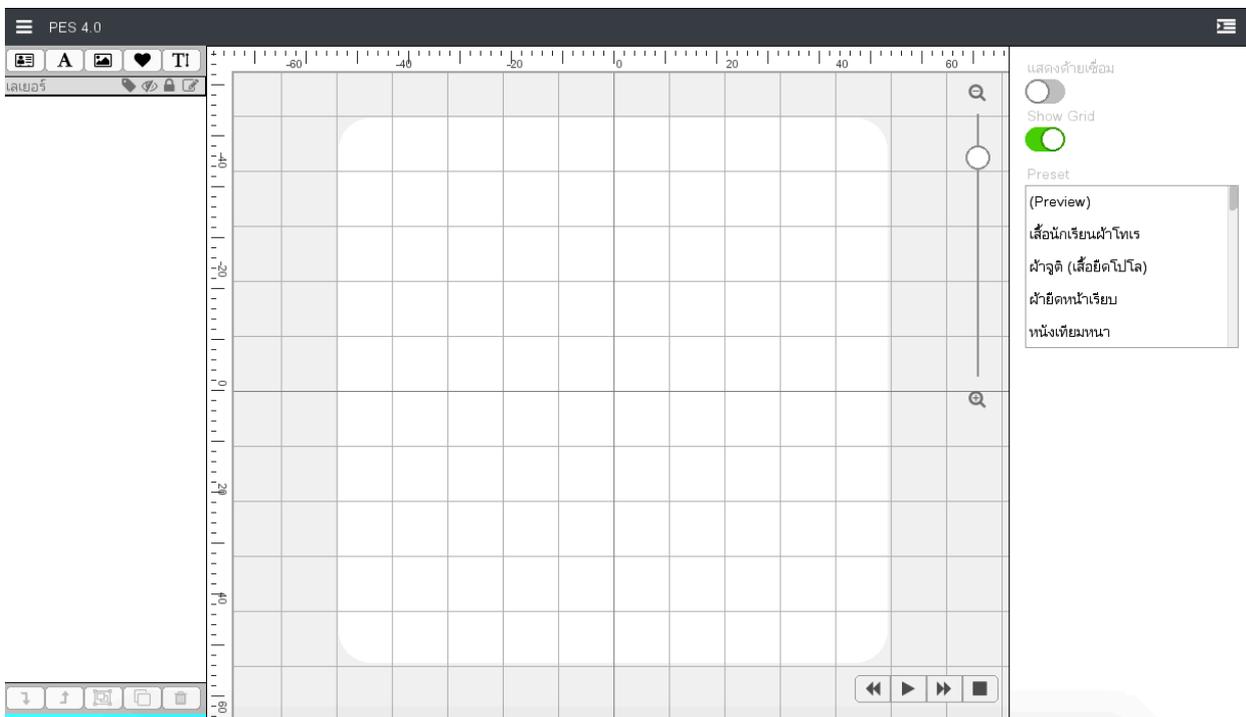
Step 3. Internet is required while designing.
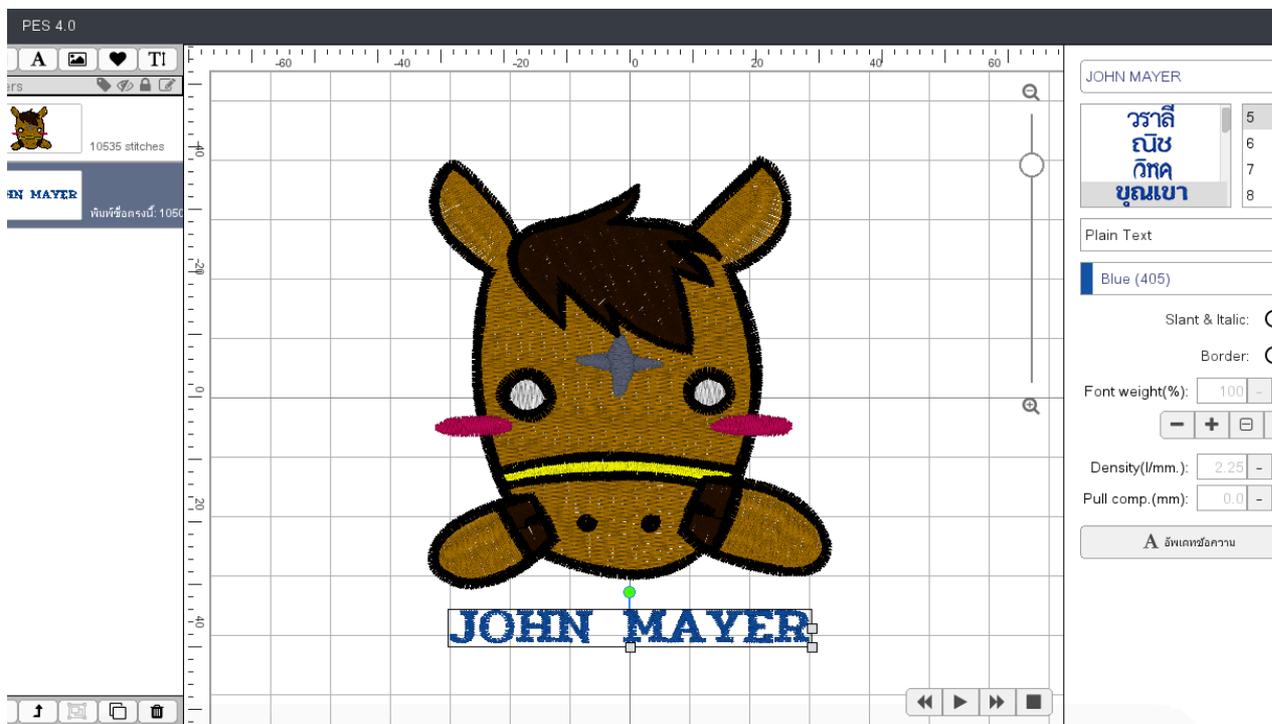
Step 4. Once finished designing, user can either "Save" or "Export PES V5". In case of "Save" user would need to input Machine ID in Settings in order to Save and generate a .pen file to be copied on USB flash drive for embroidery machine.

Step 5. In case of mobile devices such as iOS or Android devices, an OTG and application are required to be used

 ****Remark : SD Card / Memory must be 8-16GB of storage ONLY.

iUSB Pro

Qin Qiang

OPEN

2.1 ★★☆☆☆
73 Ratings

Step 6. Connect OTG to mobile design and allow OTG in device.
- Go to Export Menu and select file format accordingly. Export DTS for standard embroidery machine; Export PES for Brother Machine, Export EXP for Berlina machines; Export JEF for Jarnome.
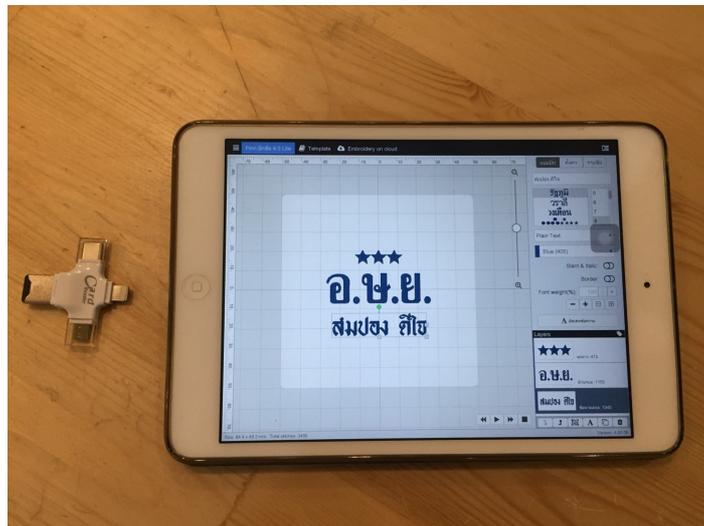
- Once Exported, a prompt will display and select OTG application for iOS devices / for Android devices OTG are native.
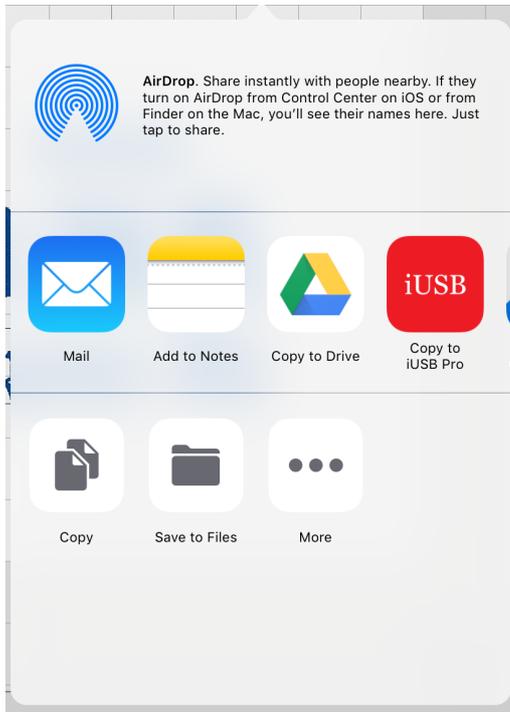
iPad	Android

- Follow these steps for OTG application to be copied from Internal storage to External storage
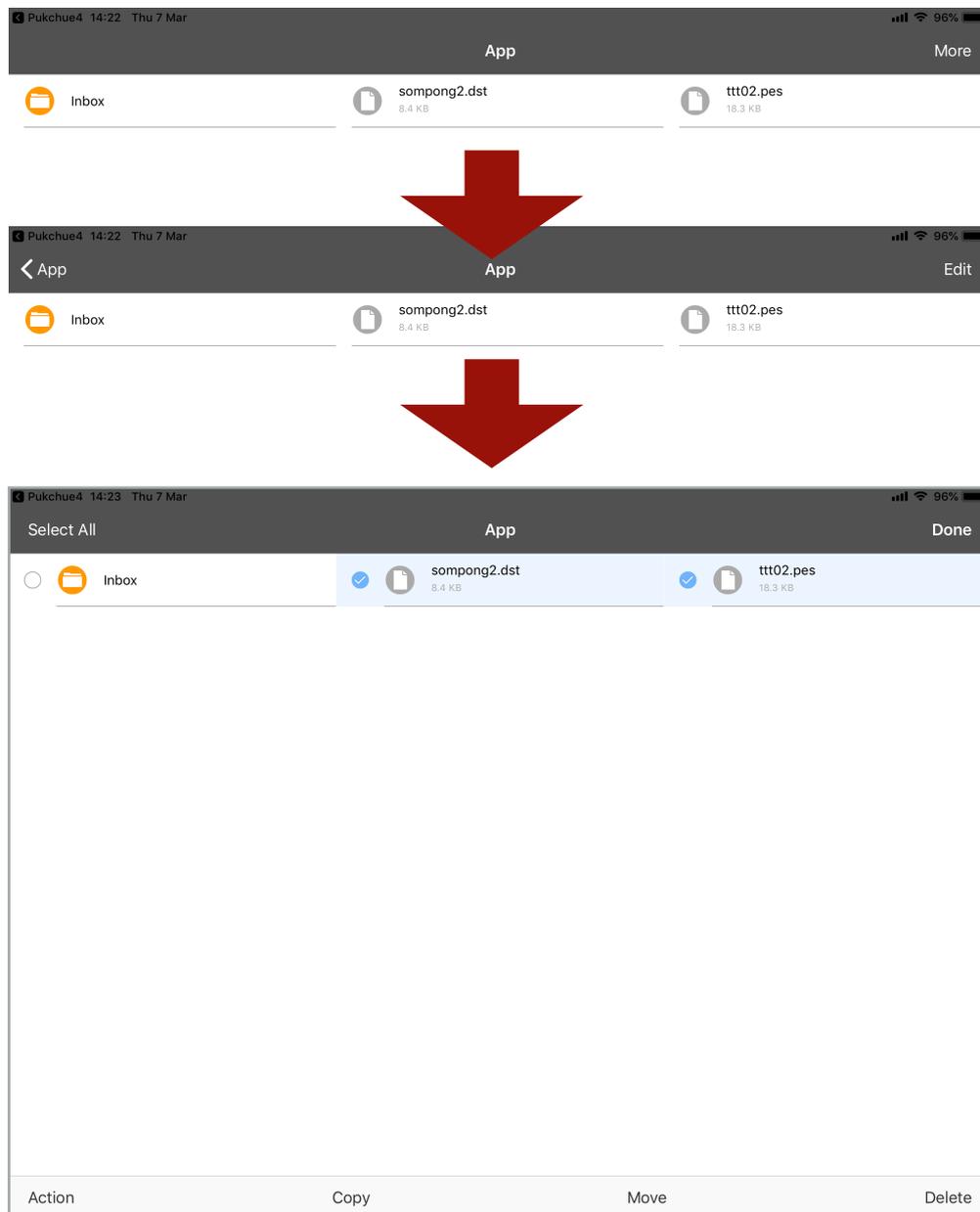
- Copy file to iUSB (external storage)

Destination	Cancel
● App	
◈ iUSB	
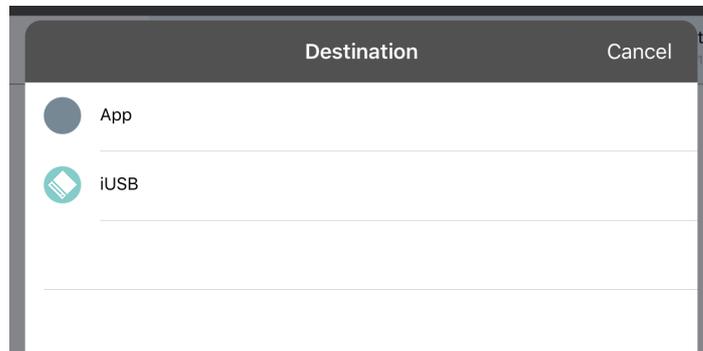
- For Windows / Mac computers, user will be able to copy the exported file (such as .pes/.dst/.exp./.jef) to an USB flash drive.

CH. 6 - UNLOCKING PES4 WITH PASSCODE

Initial run of PES4 application requires a Passcode to unlock. Passcode will be send to email that was registered upon purchase of PES4

*** Re-opening PES4 application without internet connection, PES4 will be requesting to input passcode once again.

*** 1 Passcode per 1 device. Should a second device uses the same passcode, the first device will be asked to input passcode

Passcode
JUUH-V4VO

กรอกรหัสปลดล็อค

JUUH-V4VO
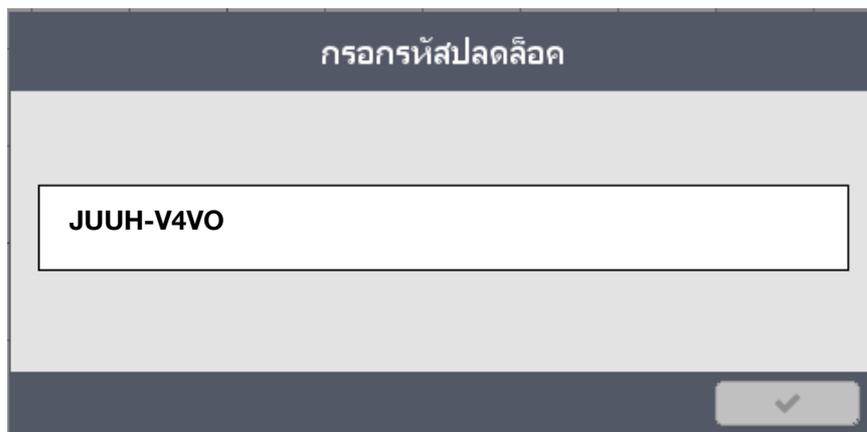
CH. 7 - HOW TO DESIGN APPLIQUÉ

PES4 has the ability to design Applique' designs by using several techniques.

Step 1 : Click into SVG Images an select your preferred images to create applique' design.
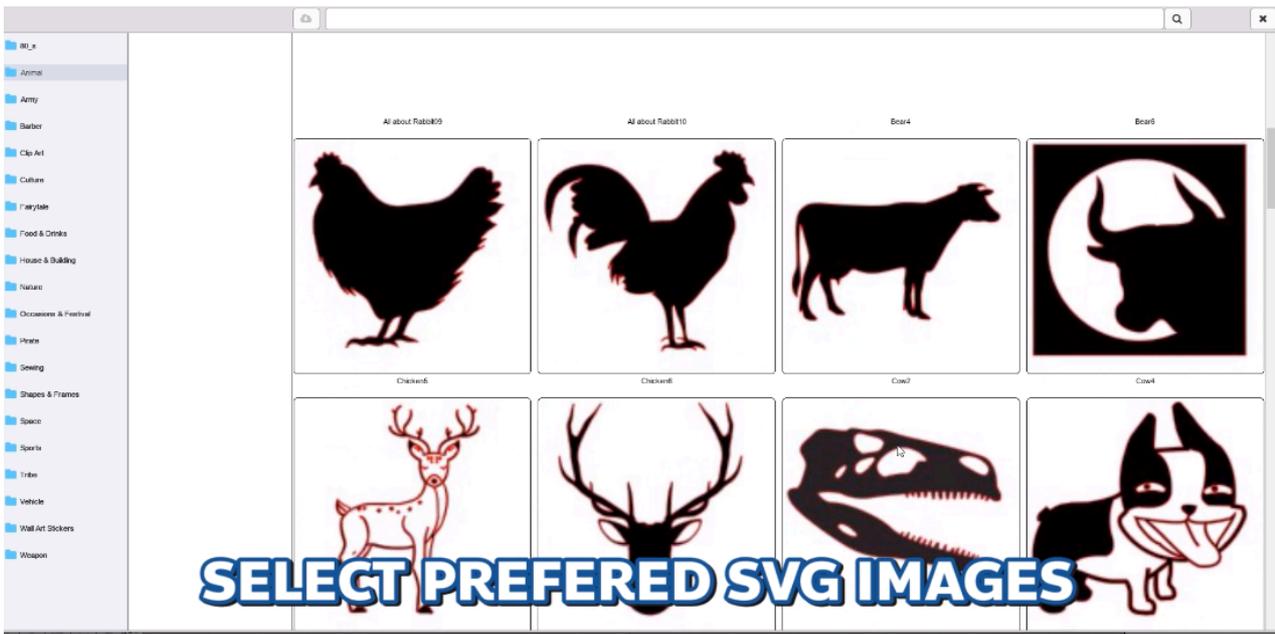
Step 2 : Set first layer as Stroke: running stitch which will serve as a guideline (1st colour)
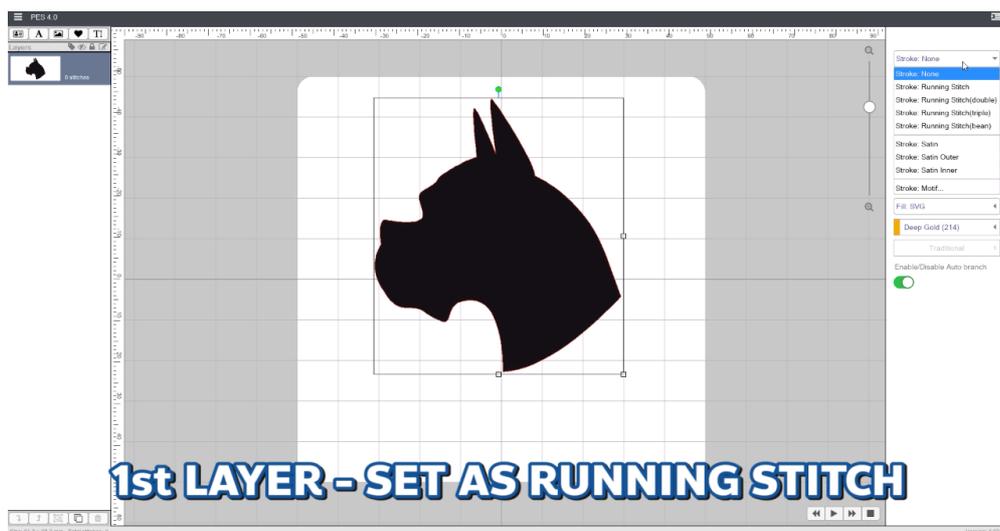
Step 3 : Dupcliate the running stitch layer
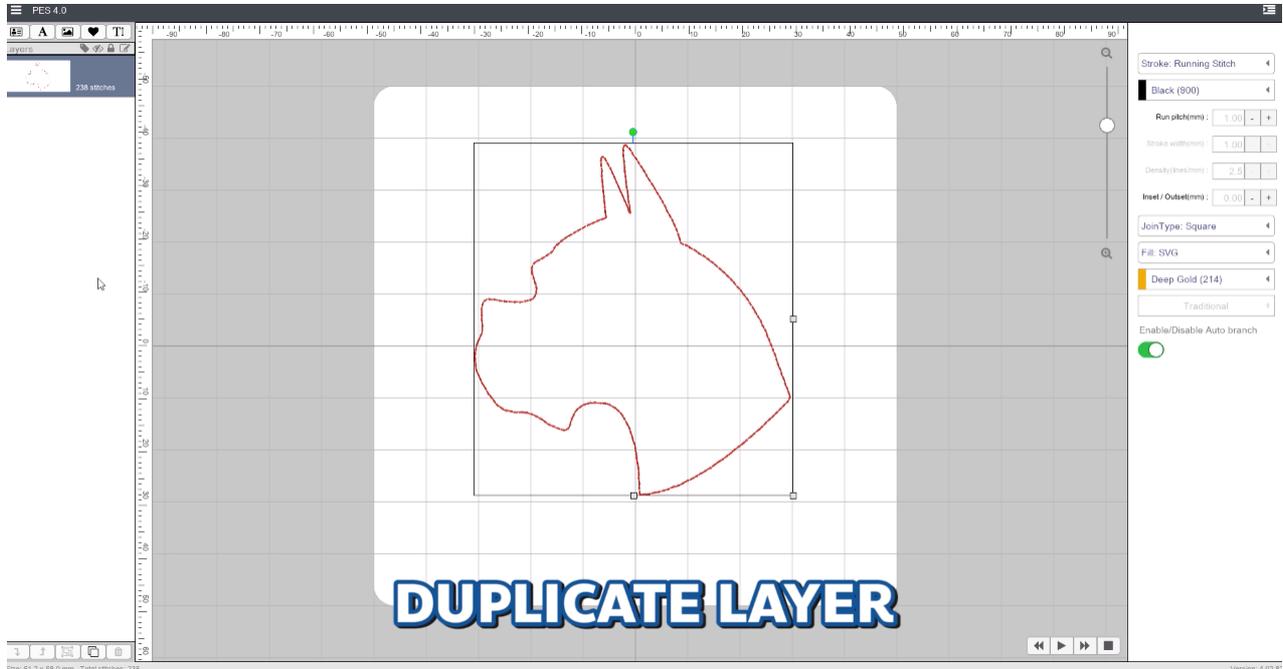
Step 4 : Set second layer as Stroke : Satin (2nd color)
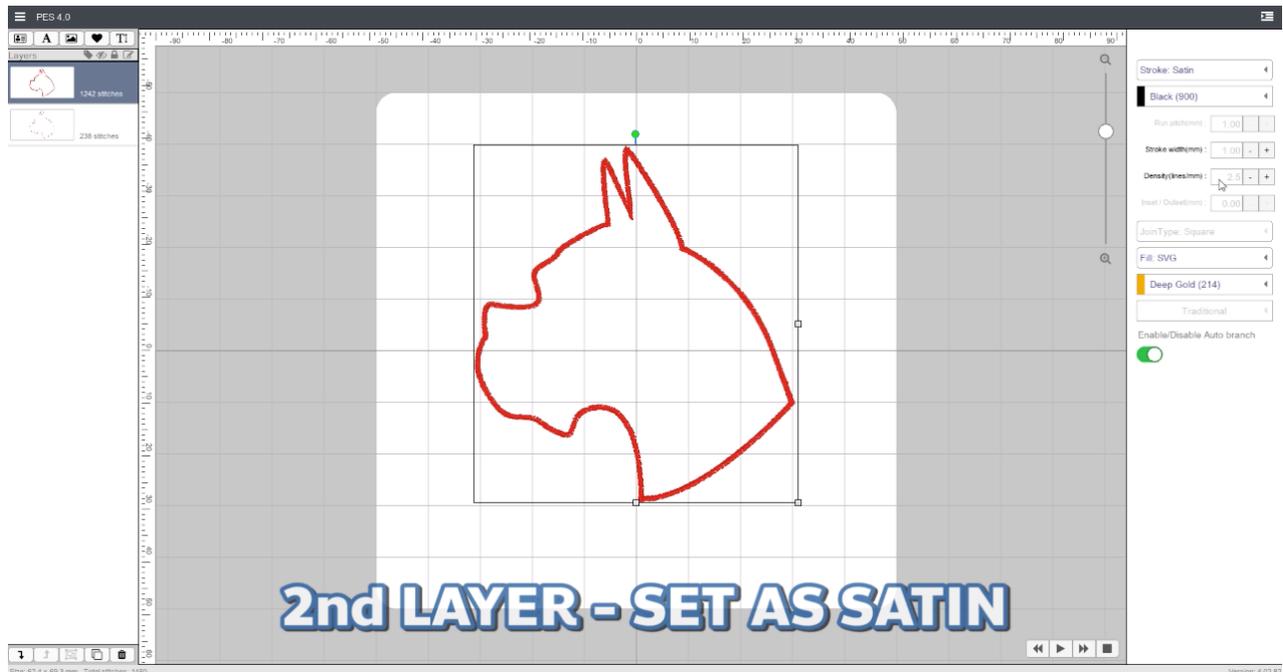
Step 5 : Add caption text (optional / 3rd color)
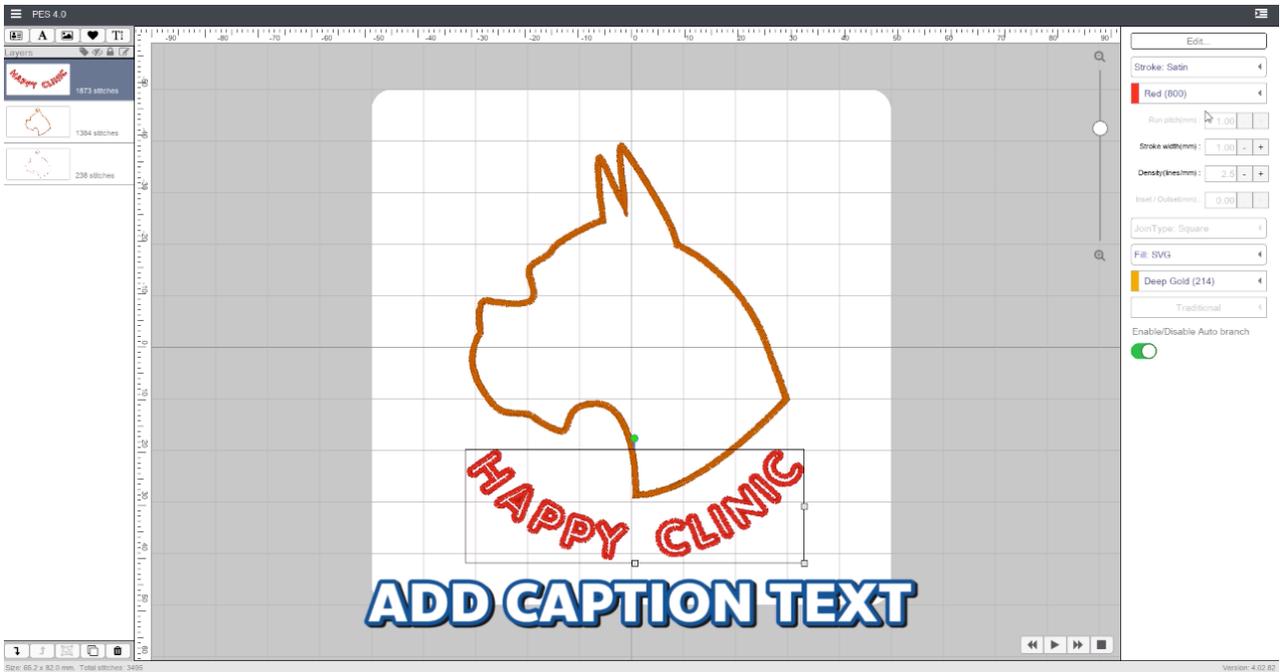
Step 6 : Export PES for embroidery machine - copy SVG file onto USB Flash drive
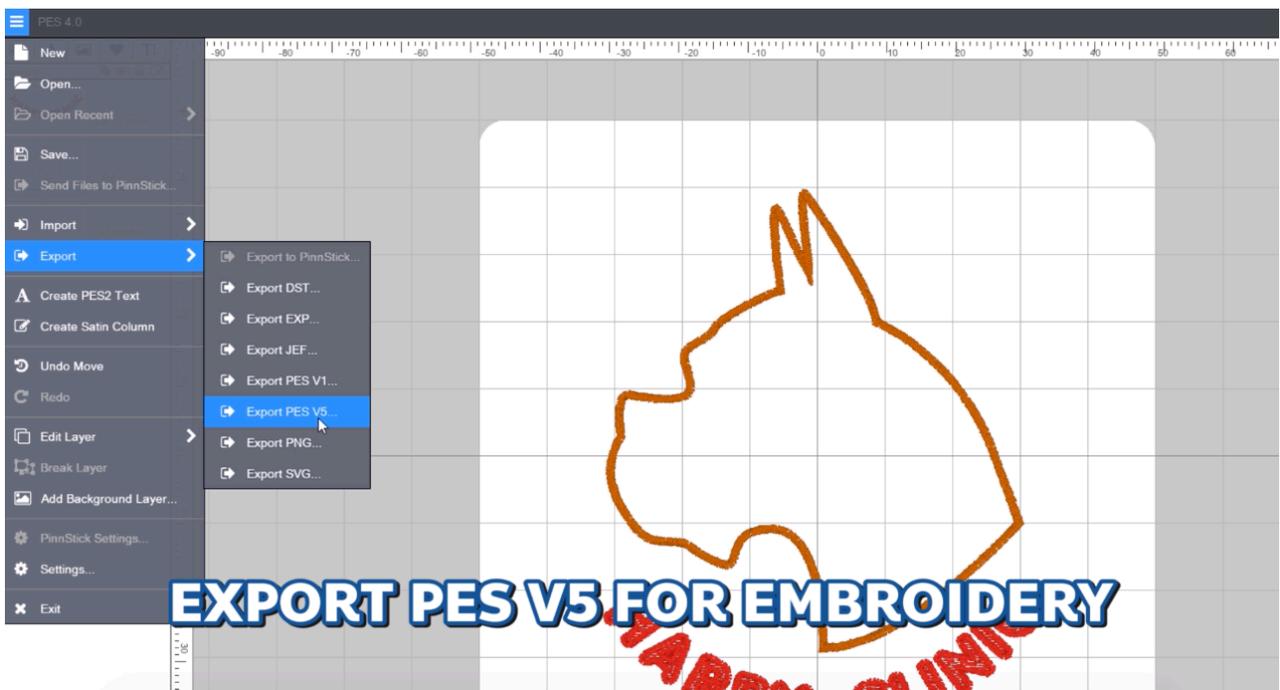
Step 7 : Export SVG for Scan n Cut (Flex cutting) - copy SVG file onto USB Flash drive
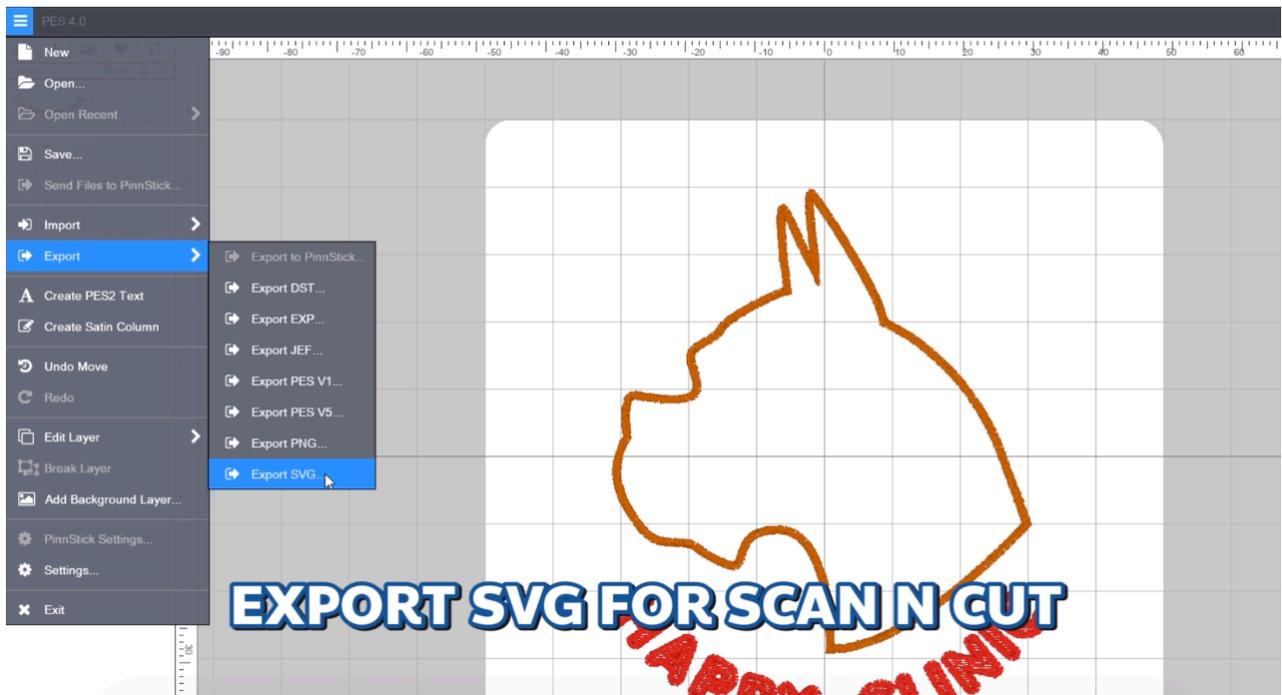
Actual Process:

1. Start with Running Stitch as a guideline

2. Open file SVG in Scan N Cut

3. Select Flex material and start cutting with Scan N Cut
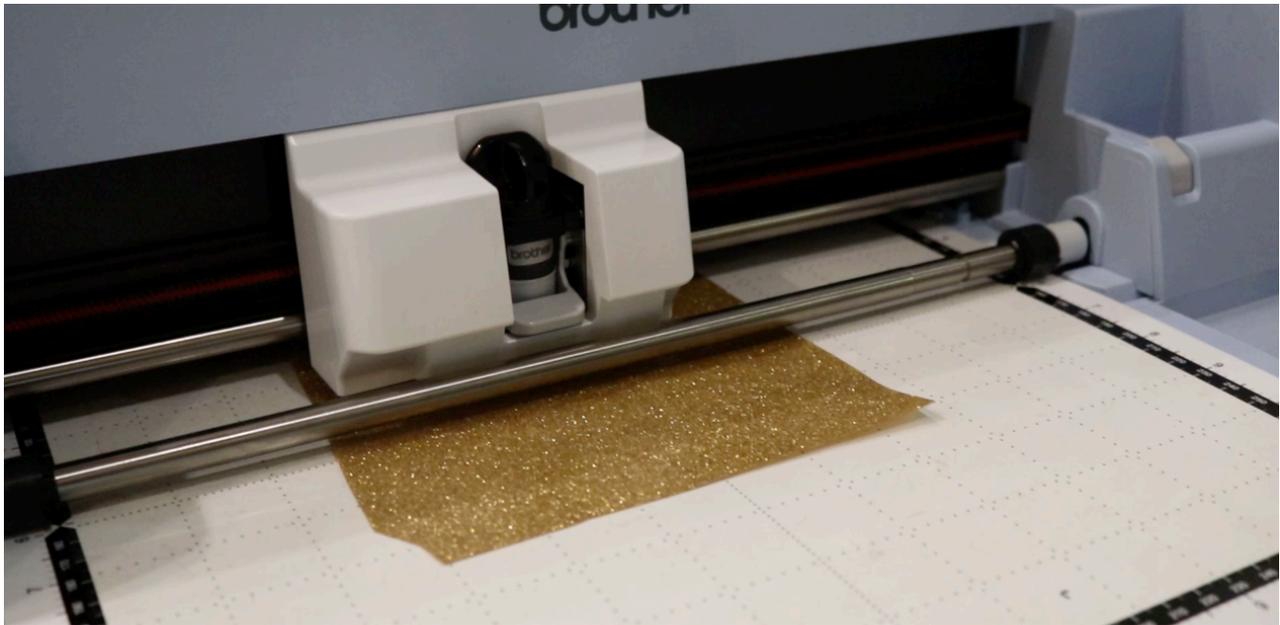
4. Peel off Flex to show preferred image

5. Match Flex to running stitch

6. Heat press around 20 seconds

7. Return to embroidery machine to finish off with Satin

8. Applique' with Flex

CH. 8 - IMPORT PNG/JPG

PES4 has the ability to import external graphics / images with file format as .PNG and/or .JPG

Importing PNG/JPG Black & White Images (***images must be of high quality and sharp images)

Step 1 : Search in the internet the images preferred by adding .png or .jpg in search engine
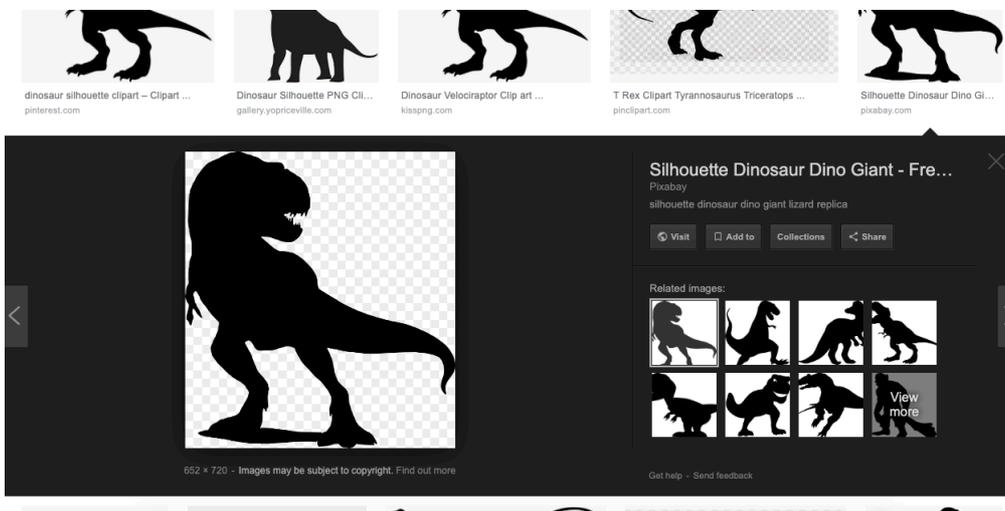

Step 2 : Import the images that was searched into PES4
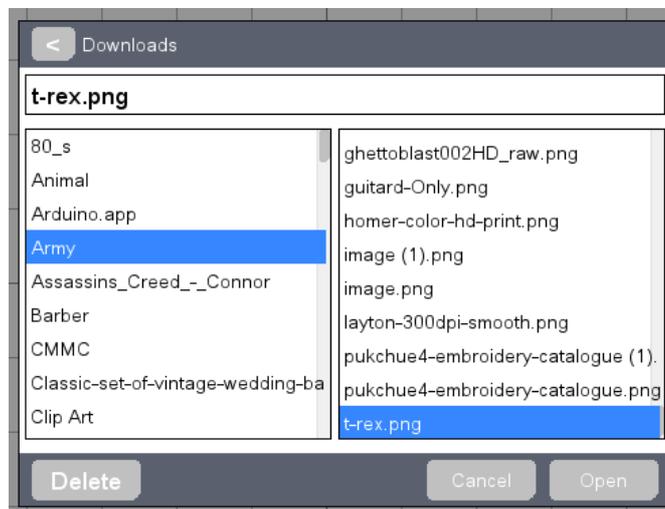
Step 3 : Image Tracing should appear as 2 windows, should the right window shows nothing or blurred images, user might want to import a different images. Threshold can be adjusted to find the exact image tracing.
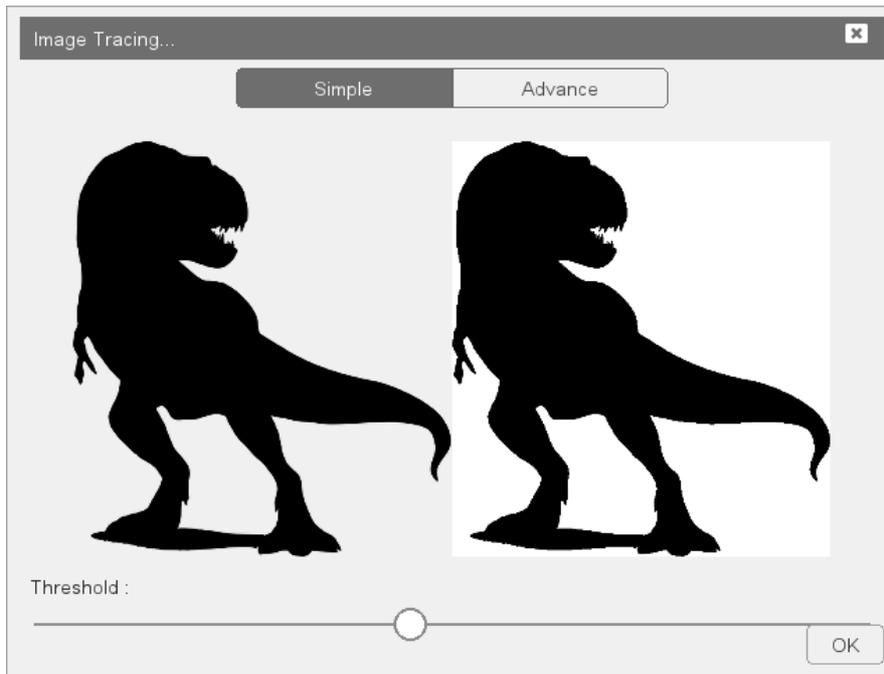
Step 4 : Once image is on workspace, Layer function FORCE SVG Stroke has to be clicked
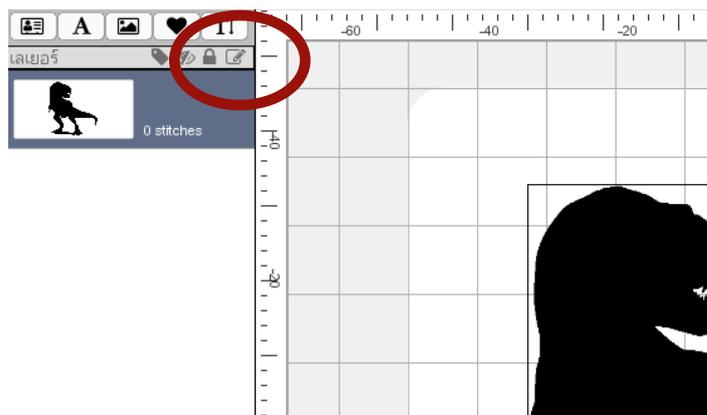
Step 5 : Start embroidery design for Stroke and Fill according to your preference
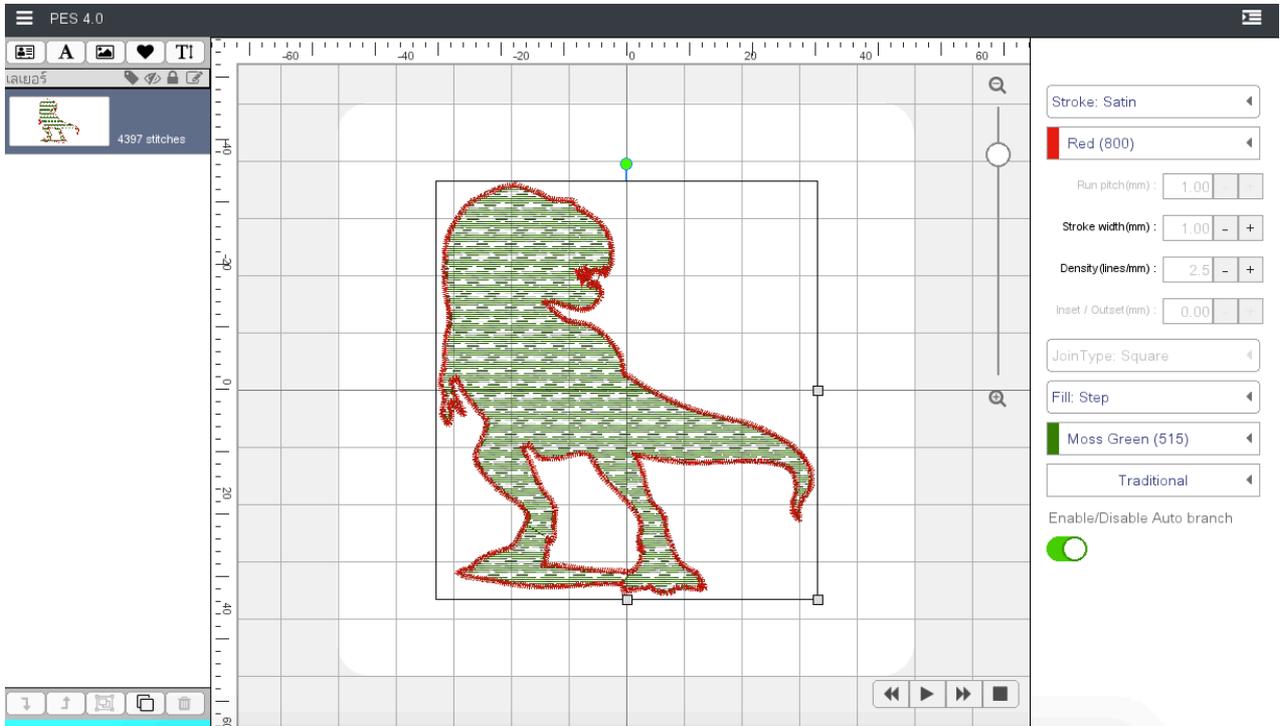

Importing PNG/JPG Colored Images (***images must be of high quality and sharp images)

Step 1 : Search in the internet the images preferred by adding .png or .jpg in search engine
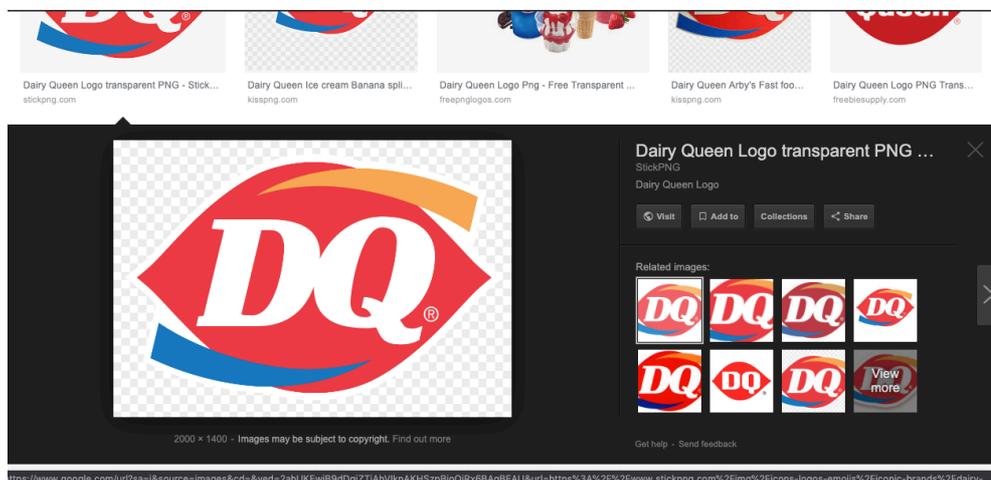
Step 2 : Import the images that was searched into PES4
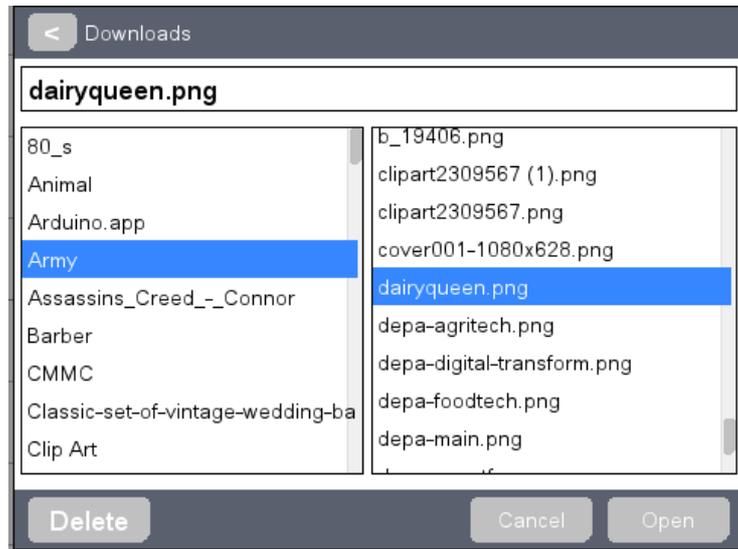
Step 3 : For coloured images, go to Advance tape > Colors > Multi Scans. Increase or decrease multi scan colours to find the right amount of colours, press Apply to preview and click OK to add into workspace.
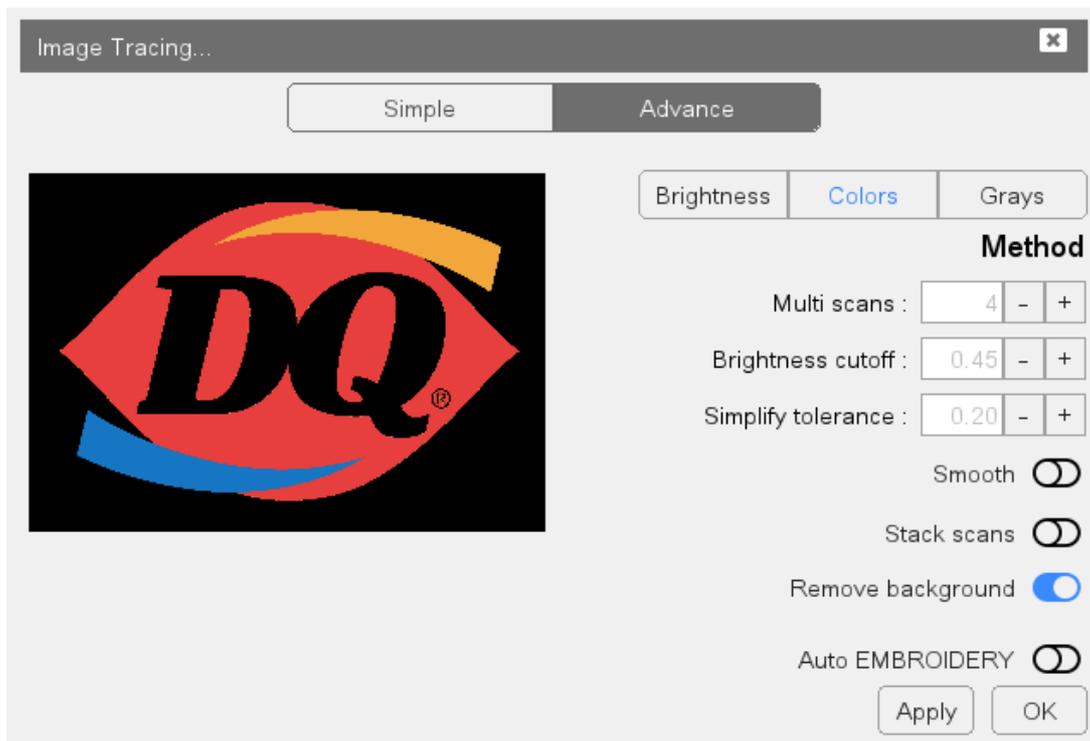
Step 4 : Once image is on workspace, Layer function FORCE SVG Stroke has to be clicked
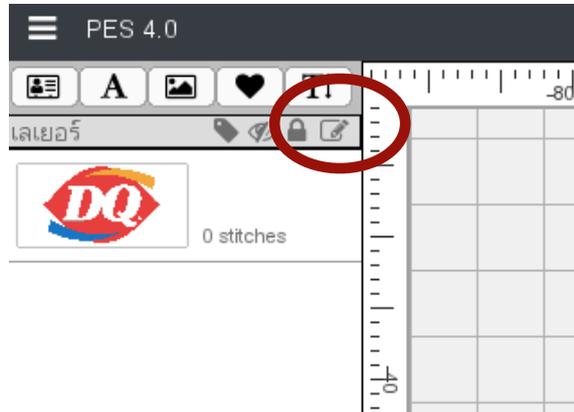
Step 5 : Start embroidery design for Stroke and Fill according to your preference
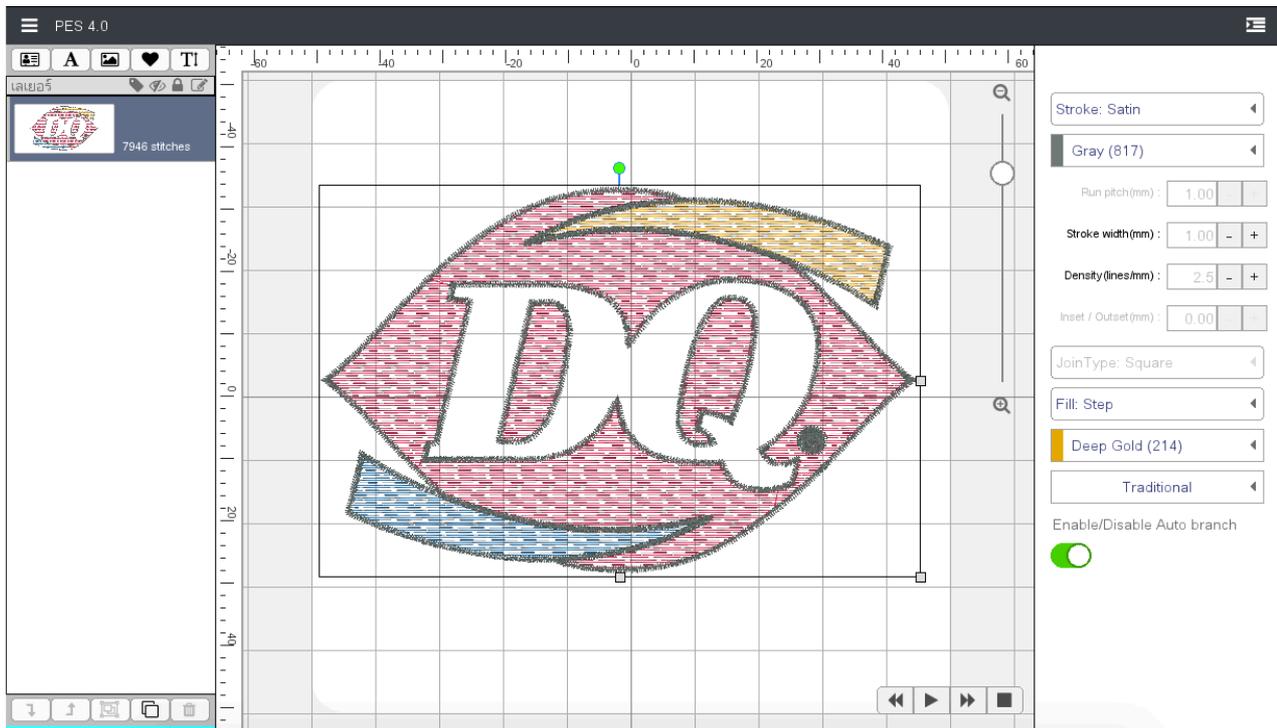
CH. 9 - IMPORT SVG

Users with the ability and skills for graphic designing will be able to import their artwork from Adobe illustrator program by saving to SVG and Import SVG into PES4

Step 1 : All graphic objects drawn (both stroke and fill) has to use function "Make Compound Path"
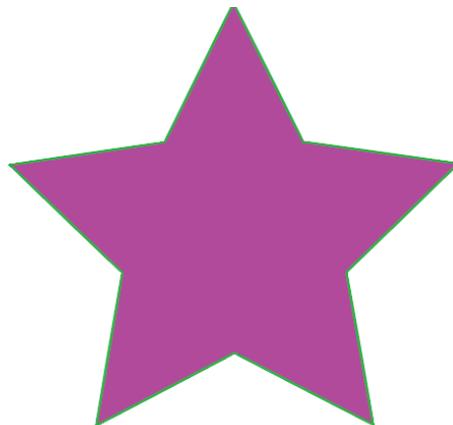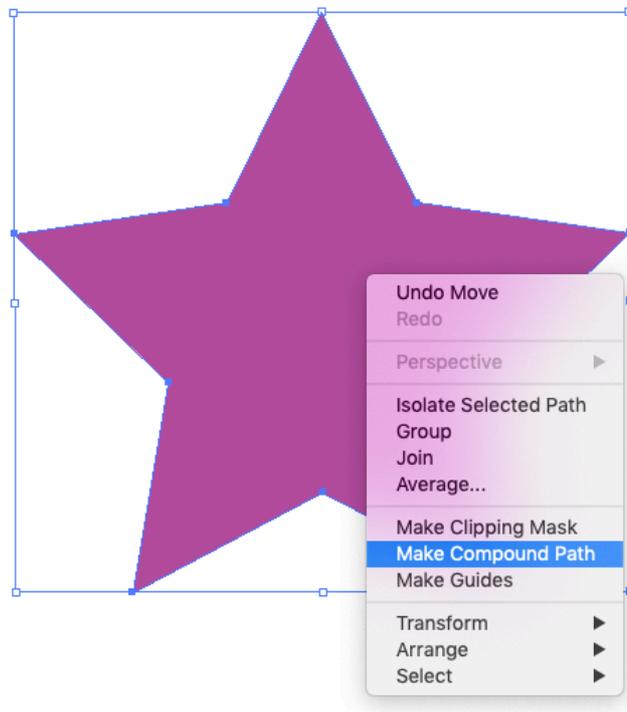
Step 2 : Follow this option settings for Saving SVG in Adobe Illustrator
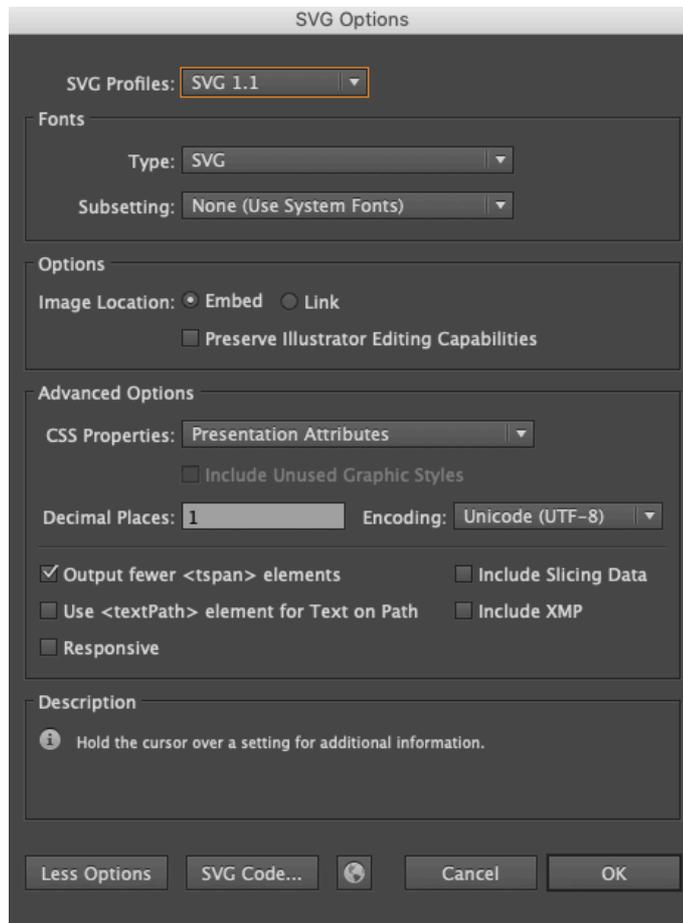
Step 3 : Import SVG into PES4
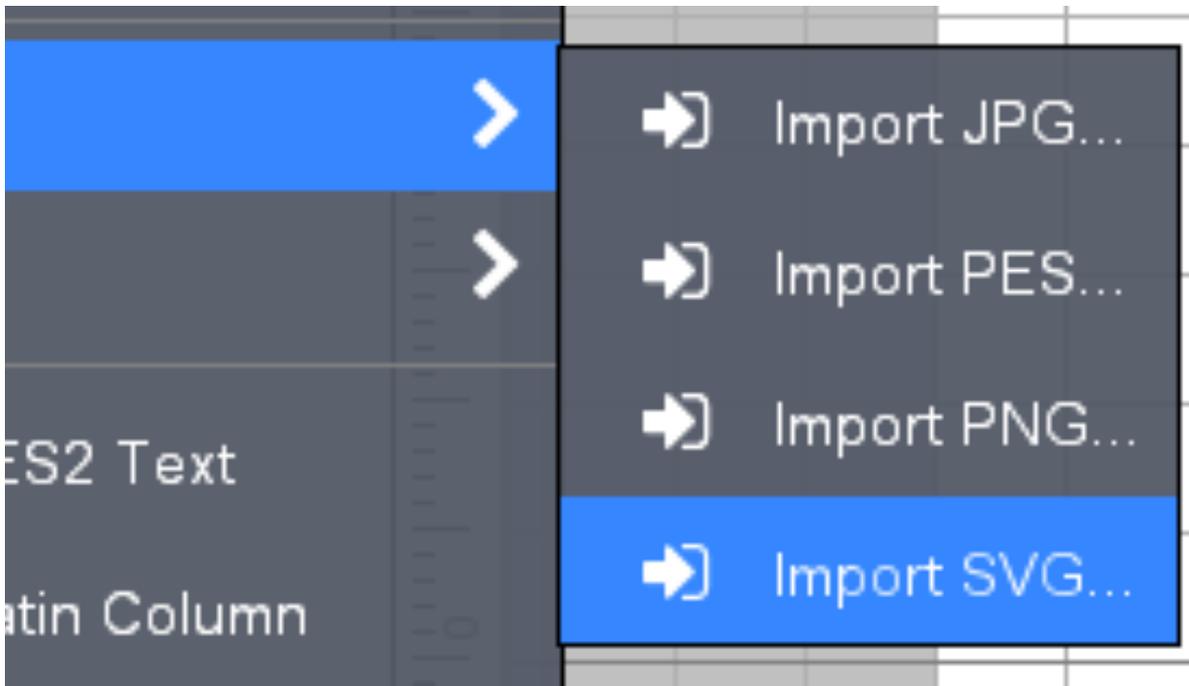
Step 4 : Start embroidery design for Stroke and Fill according to your preference
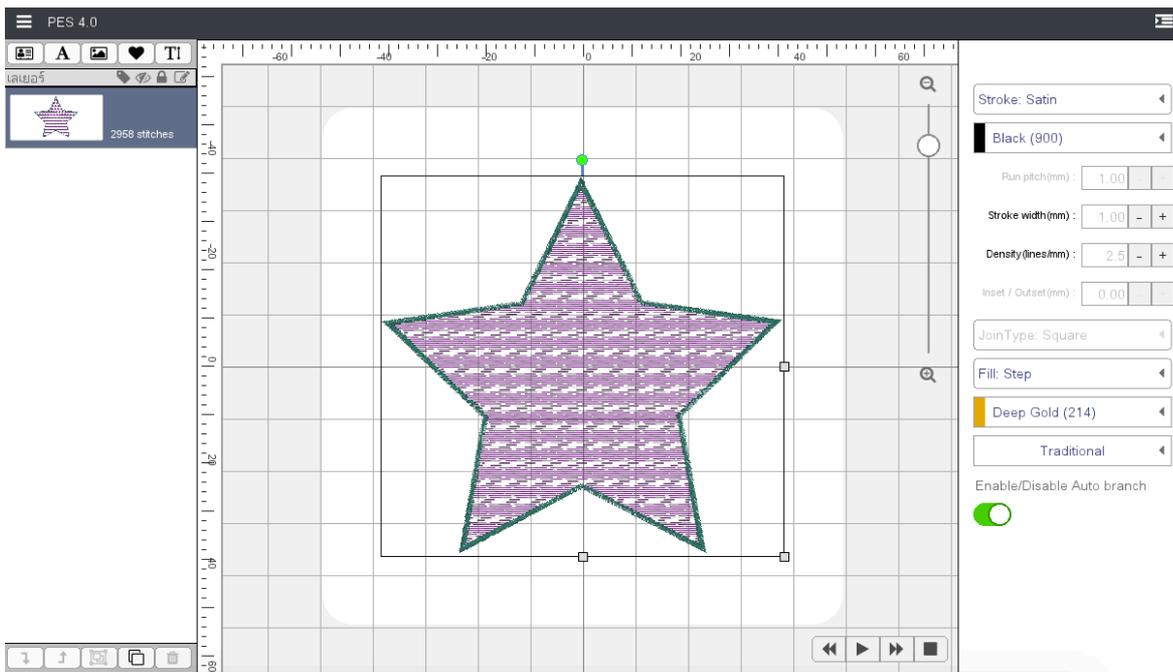
Importing JPG/PNG/SVG on iPad (iOS)

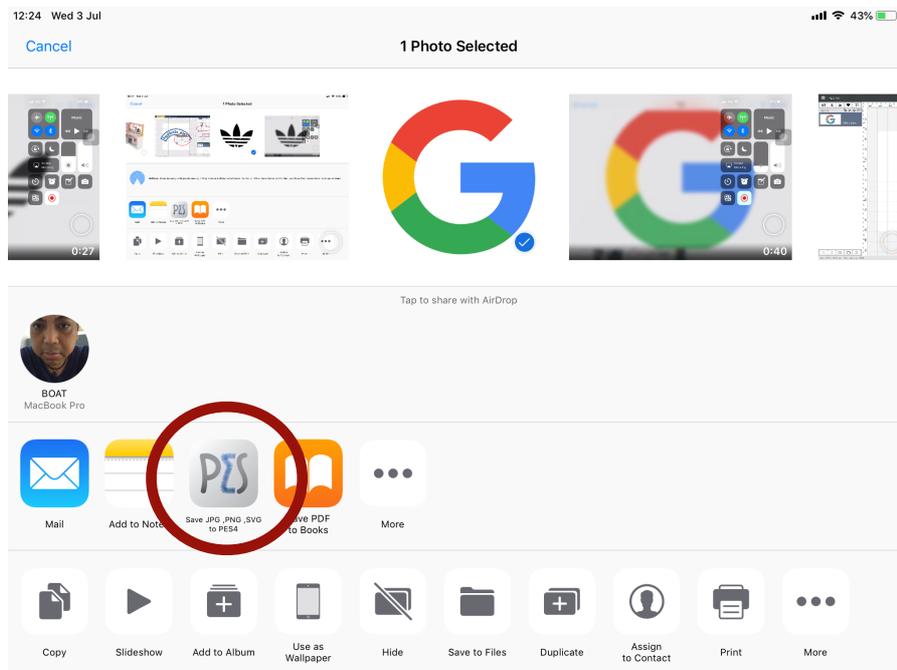Step 1 : Go to your Photo Album (Gallery) , select the images and press share Icon
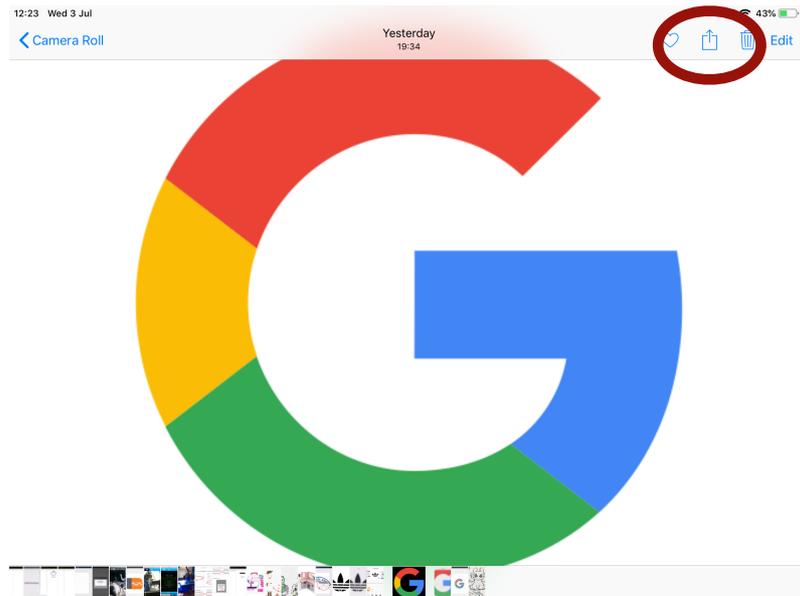
Step 2 : Should PES4 icon is not in share option, press More (only first time)
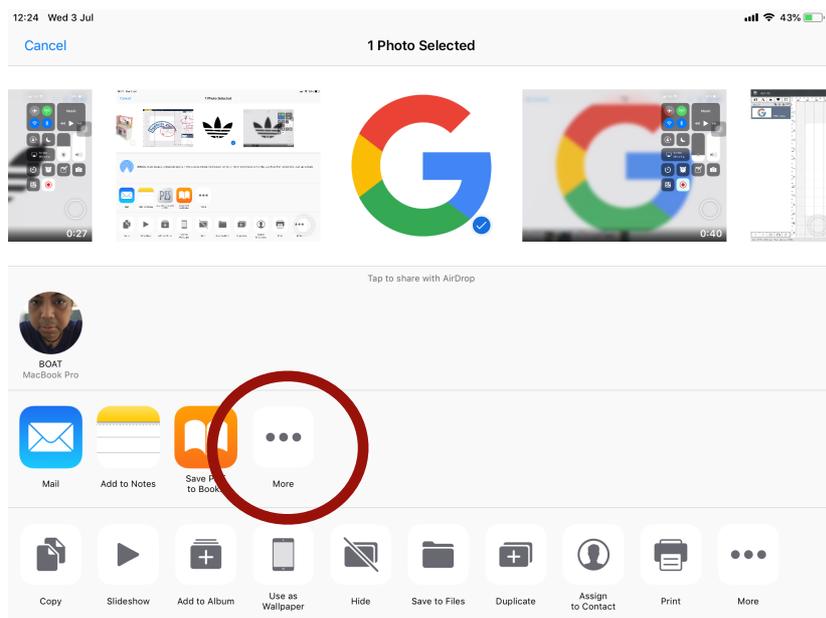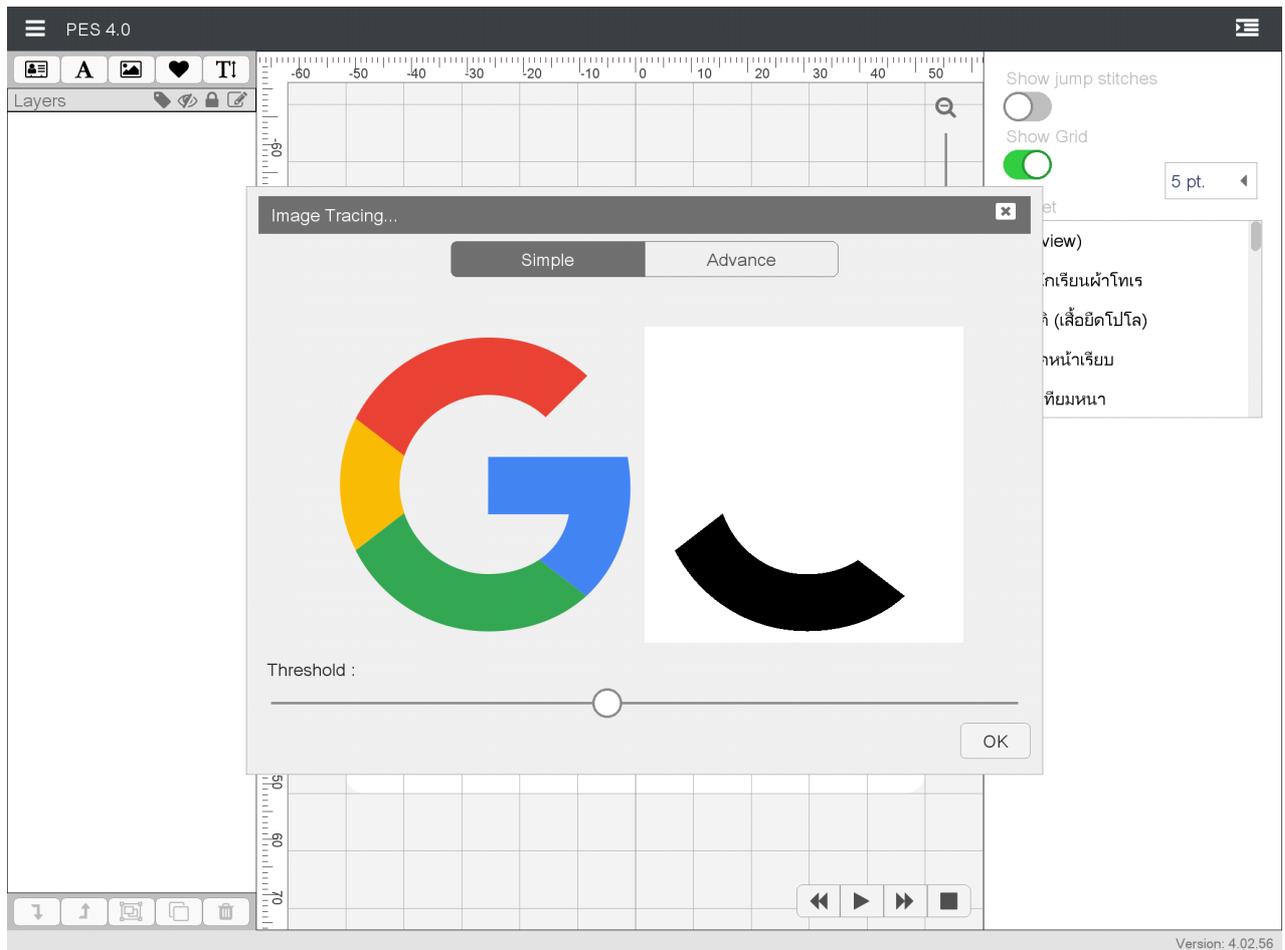
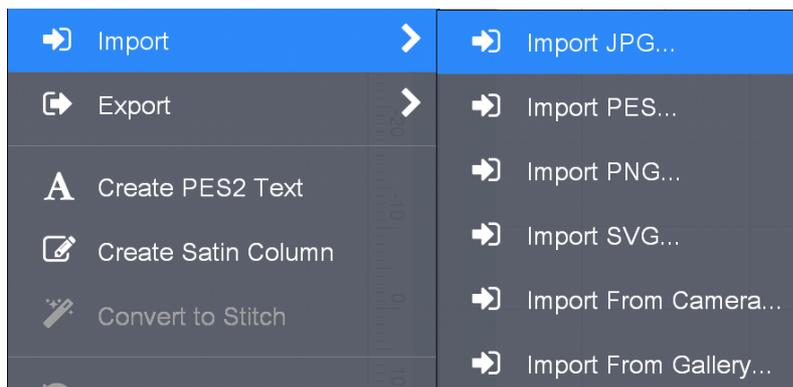Step 3 : Add PES4 in share option (only first time)
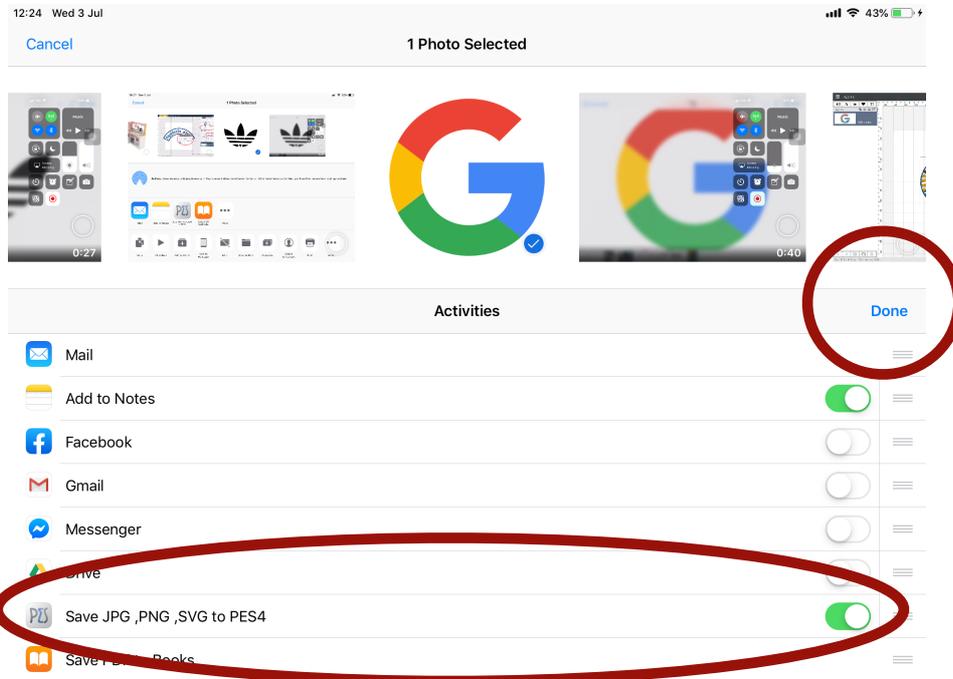
Step 4 : Select PES4 to share image

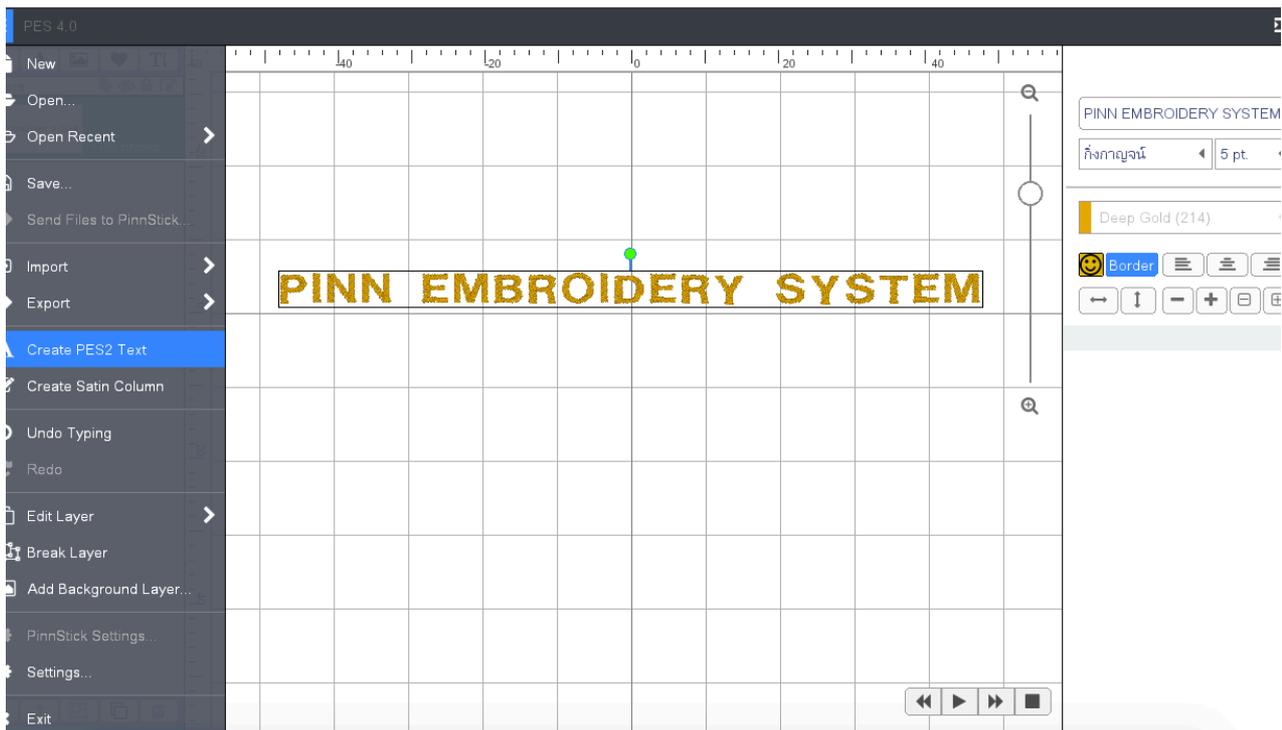Step 5 : Follow importing process for Image tracing.

Another option : Select menu Import from Gallery

CH. 10 - CREATE PES2 TEXT

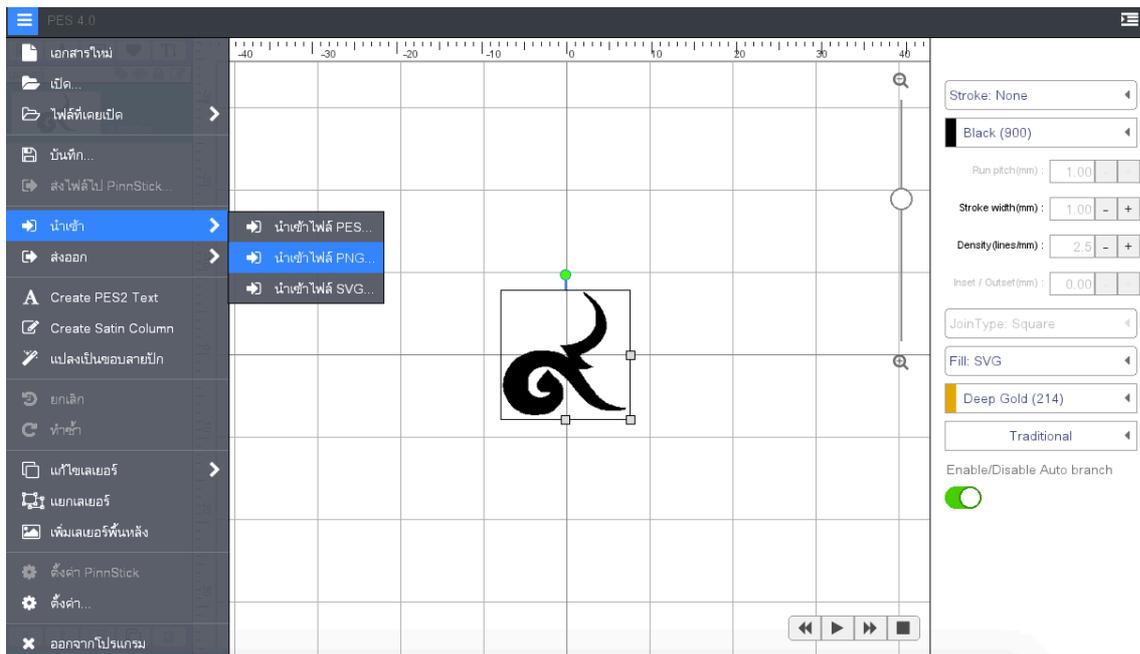PES2 text was highly requested to be used in PES4

- เข้าเมนู Create PES2 Text

CH. 11 - CREATE SATIN COLUMN

Create Satin Column functions is for intricate calligraphy with small details. Satin should be within a the range of 8-10mm.
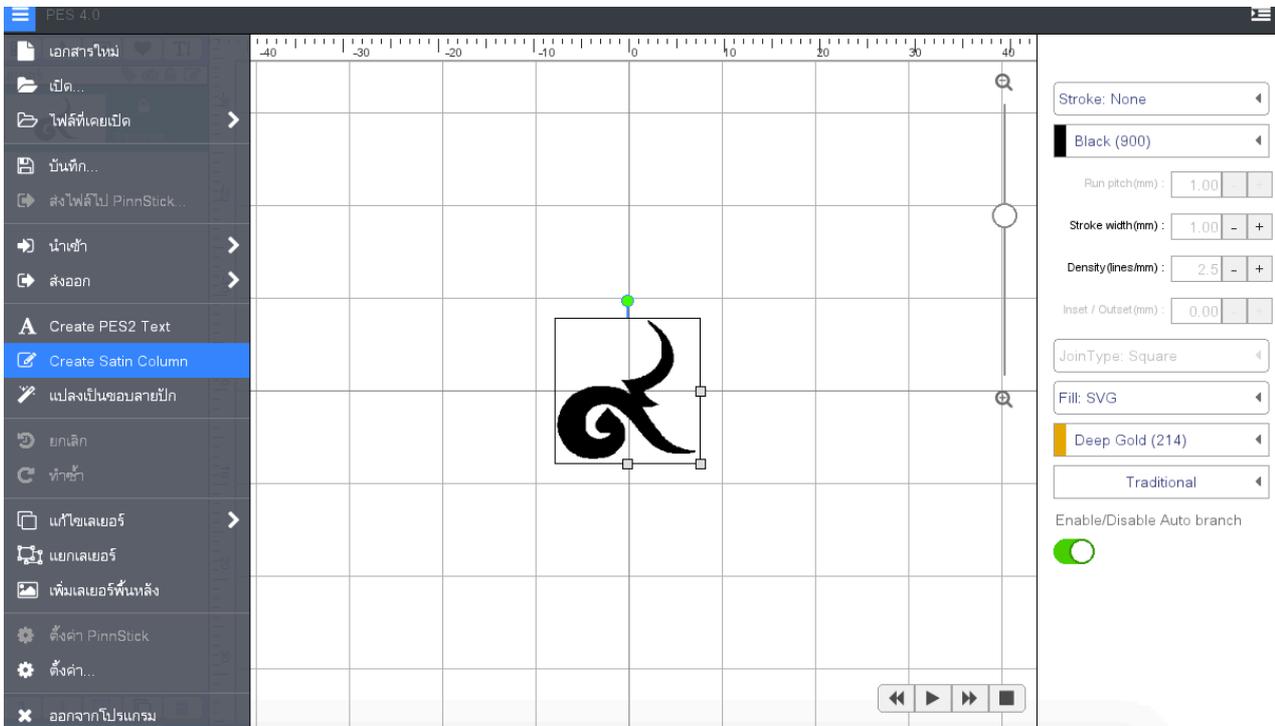
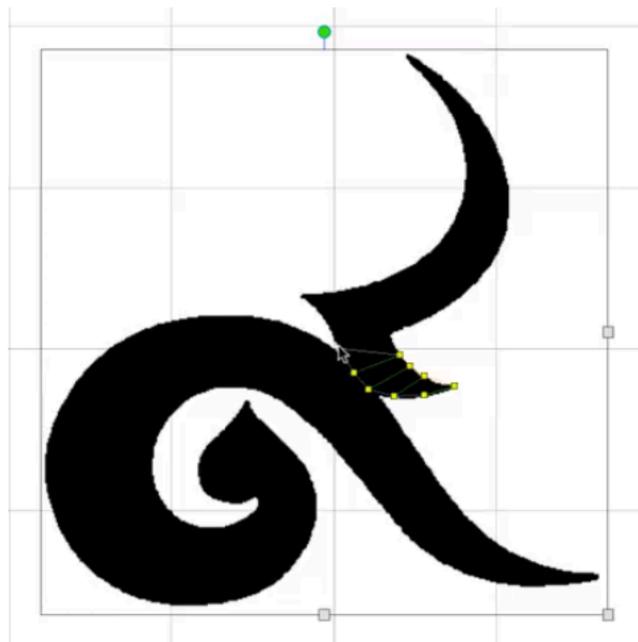Step 1 : Import image or graphic that user would like to trace to create satin column
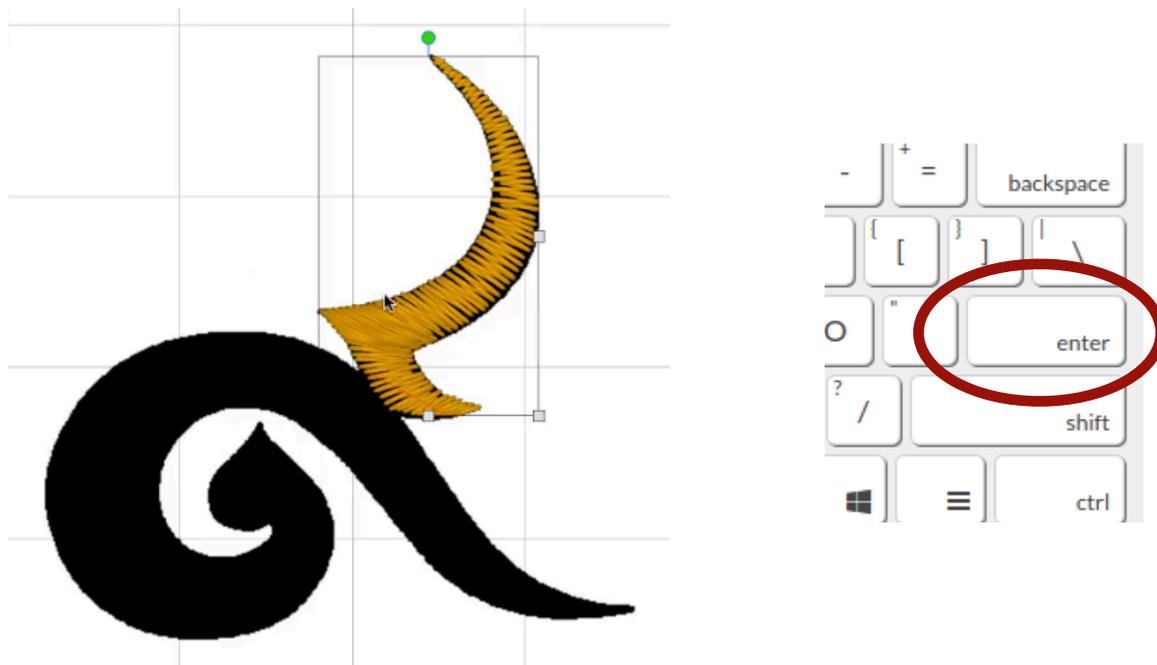

Step 2 : Lock down the layer

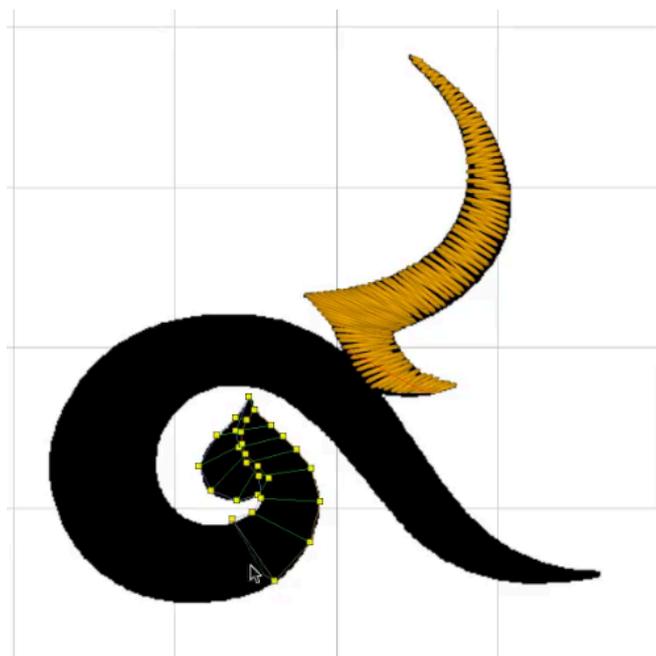Step 3 : Click on "Create Satin Column" menu to start.

Step 4 : Create a 'square' like shape with tool by clicking left-right pattern consecutively.
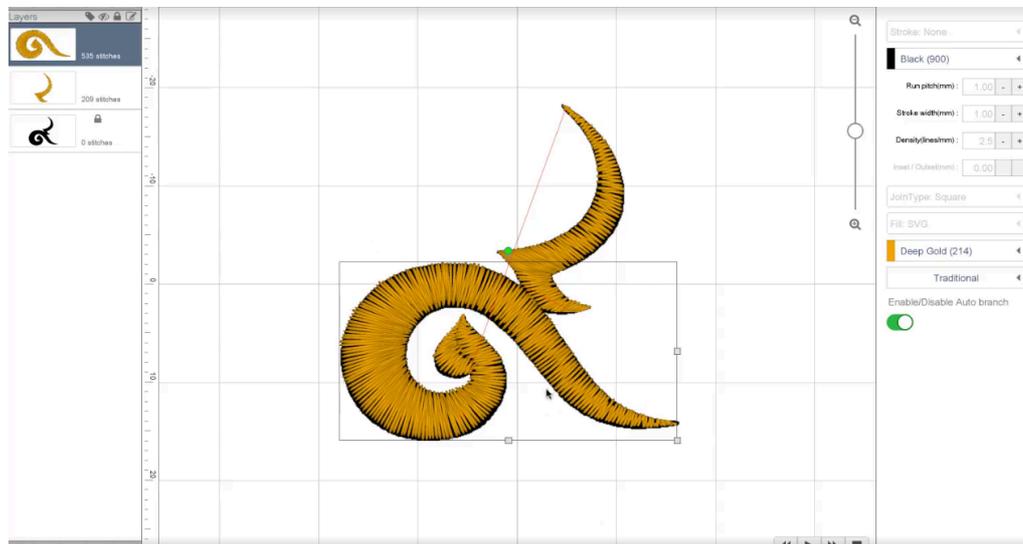(Yellow square)

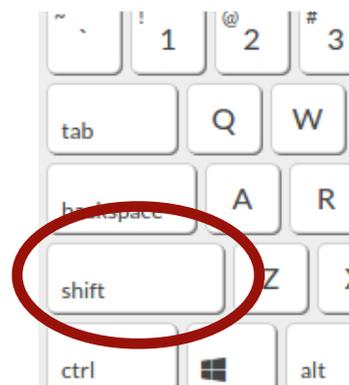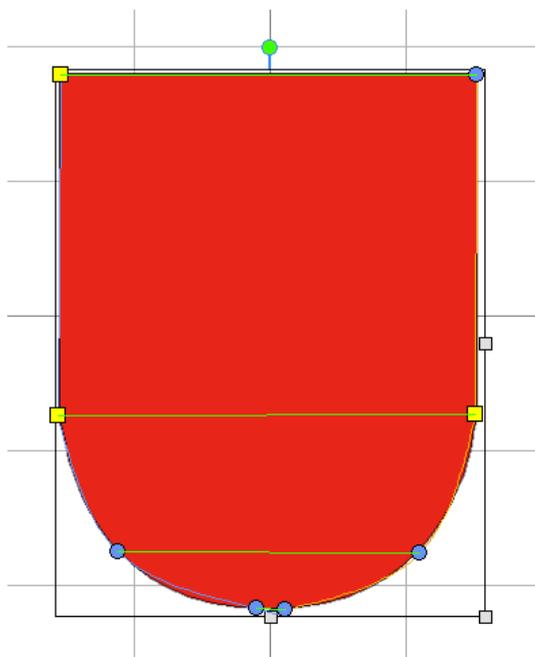Step 5 : Once finish, click Enter to end Create Satin Process

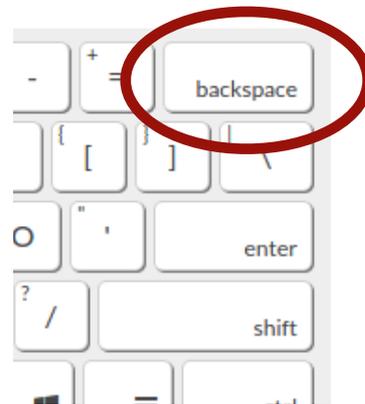Step 6 : Should the image requires another Satin column, repeat steps 4 and 5.
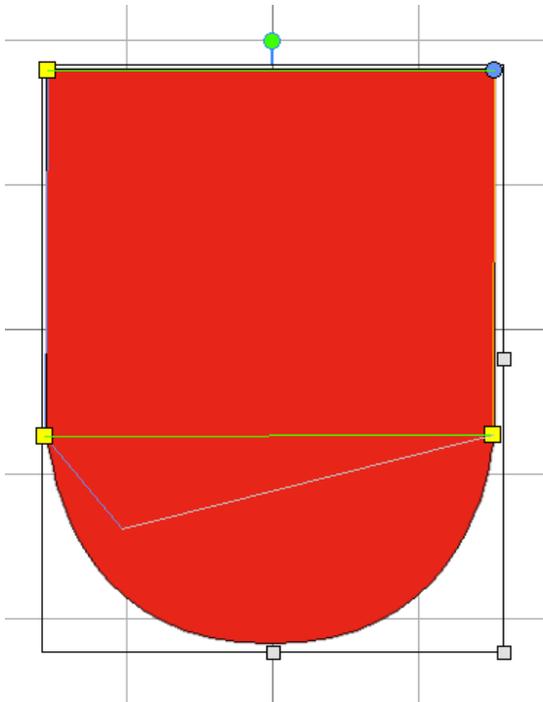
Step 7 : Merge layer once completed.

** Create Curve Satin : Press down on Shift and Mouse left click, tools will change to blue circle.

** Undo Satin points : Click Delete or Backspace to delete previous satin points

CH. 12 - WARRANTY & DISCLAIMER

WARRANTY

- Should there be any issue in using this PES application, we can be contact through the following channels :
  - Mobile numbers : 082-614-4061 until 5
  - URL: https://pinnpes.com/pes4/
  - Email : marketing@pinn.co.th
  - Facebook : www.facebook.com/PinnEmbroiderySystem/
  - LINE ID : @pinnjukpuk

DISCLAIMER

- User has to provide their own device or computers to install PES application.

- PES application is not liable for anything that would happen to user's device or computers that has installed PES application.

- Contents in this PES User Manual are subject to change without further notice.