

Zebra ZQ521
Guide to change internal logo files
Version 1.0



1. Required files and hardware

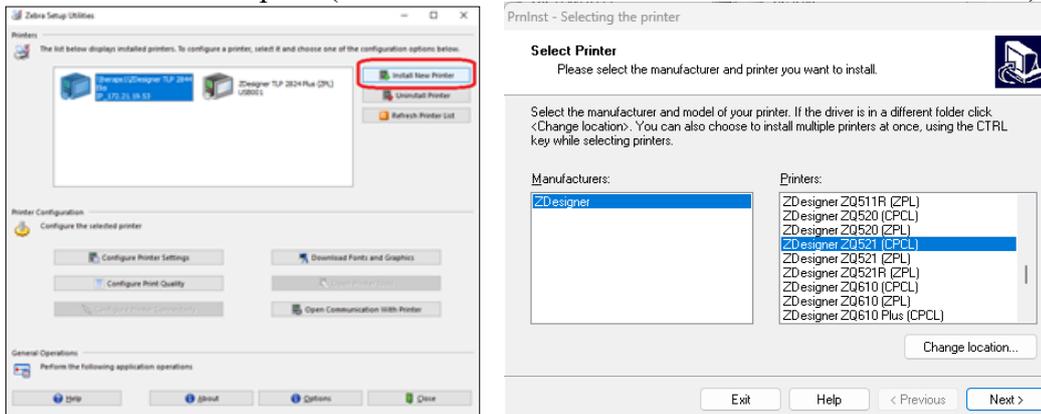
- zebra.zip, please download the .zip with files from this link: <https://www.dropbox.com/scl/fi/dj05tfwzhxoj8j2ml6p2z/zebra.zip?rlkey=3ezh6ihetaniw3u89wmdkthf&st=jog8851z&dl=0>
- Zebra Zebra ZQ521, label printer
- Personal computer (with Windows OS, USB port)
- USB cable to connect printer to PC ('Male USB A' to 'Male Micro USB B')

2. Description of included files

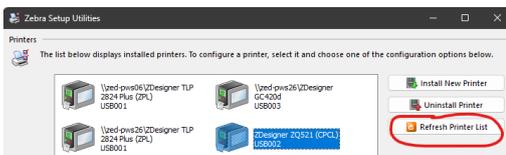
File name	Description
zebranet-bridge-1-3-3a.exe	Software for conversion of bmp files ZebraNet Bridge Enterprise
zsu-1191325.exe	Zebra setup utility
custlogo.bmp	Graphic displayed at pass
danger.bmp	Graphic displayed at fail
custlogo.zpl	Standard pass logo already processed in ZebraNET bridge. If you just want to upload standard logo
Danger.zpl	Standard fail logo already processed in ZebraNET bridge. If you just want to upload standard logo
How to create and setup a custom logo.docx	Extra guide on how to make a custom logo file

3. Label form and graphics upload procedure

- Start “Zebra Setup Utilities”, ensure printer is turned on and connected by USB.
- Press ‘install new printer’ and follow the prompts
- Choose **ZDesigner ZQ521 (CPCL)** option for the printer, and generally **USB001** for the communication port. (no need to tick launch installation of font downloader)



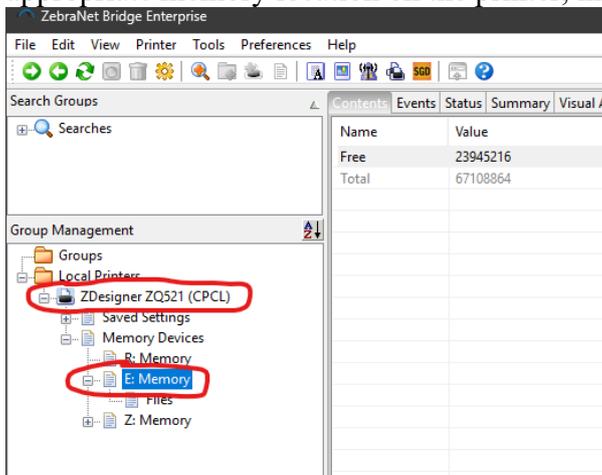
- After completing printer/driver install, unplug the USB cable and plug it back in again, then press ‘refresh printer list’, this is in case your printer is not port USB001, now that the driver exists on the system, it should add itself accordingly when you refresh.



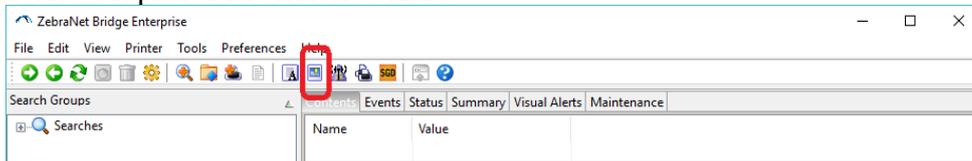
- Now printer is installed, proceed to next step.

4. Prepare custom graphic

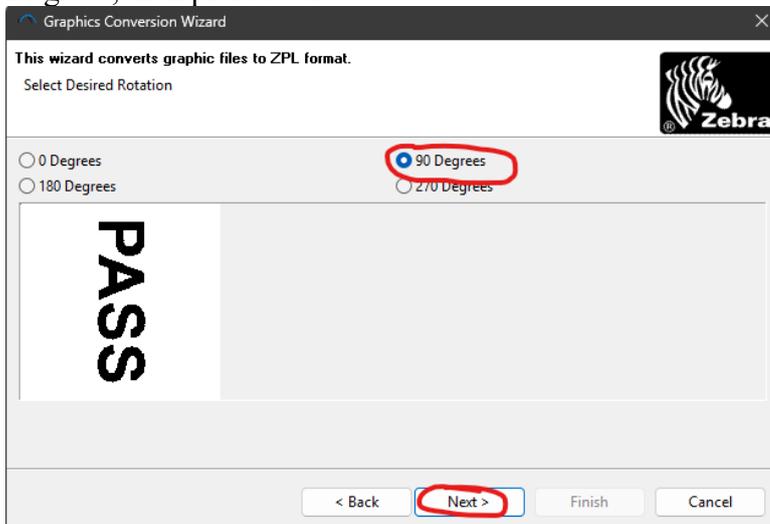
- Our guide below will describe creating the relevant files to upload, we provide a default pass and danger logo to upload, but you can modify these files to whatever logos you want, **note the file names need to be specifically ‘custlogo’ and ‘danger’**
- Note we also supplied ‘custlogo.zpl’ and ‘danger.zpl’ these are standard pass/fail logos which have already been through the below conversion process so you can skip to step 5 if you want to upload the default logos.
- Logo graphics you start with should be monochrome bitmap, and 300x300 pixels
- If you need some help/guidance on creating your own custom logos please see separate guide document ‘How to create and setup a custom logo.docx’
- So now that printer is installed, open/run “Zebra Bridge Enterprise” software.
- To begin, on the left side you should see the printer, expand it and highlight the appropriate memory location on the printer, in this case E:Memory



- Start “Graphic Conversion Wizard”

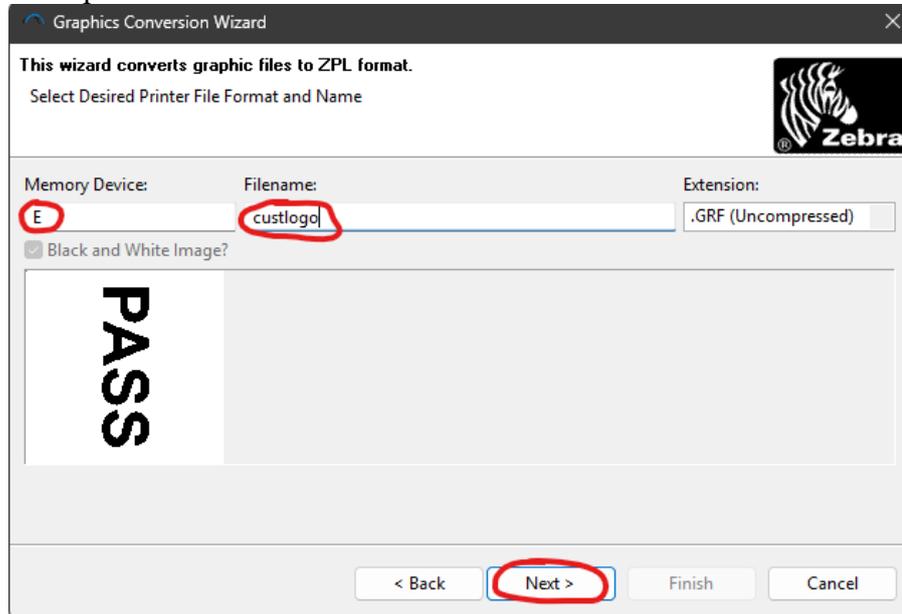


- Select the input file, **custlogo.bmp**, press next
- for ZQ521 I found for the logo to be displayed properly you should choose 90 Degrees, then press Next

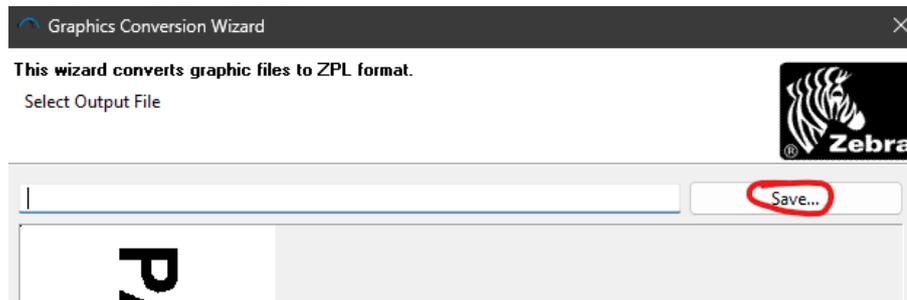


- Keep sizes as 300x300 pixels, press next.
- Write 'e' and the file name per below:
'custlogo' for the pass logo
'danger' for the fail logo

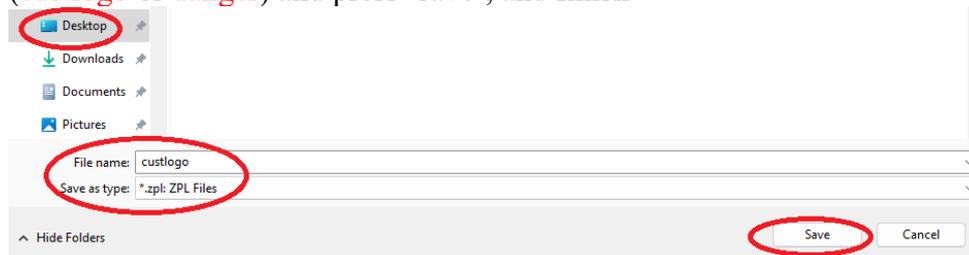
Then press next



- Press the 'save' button



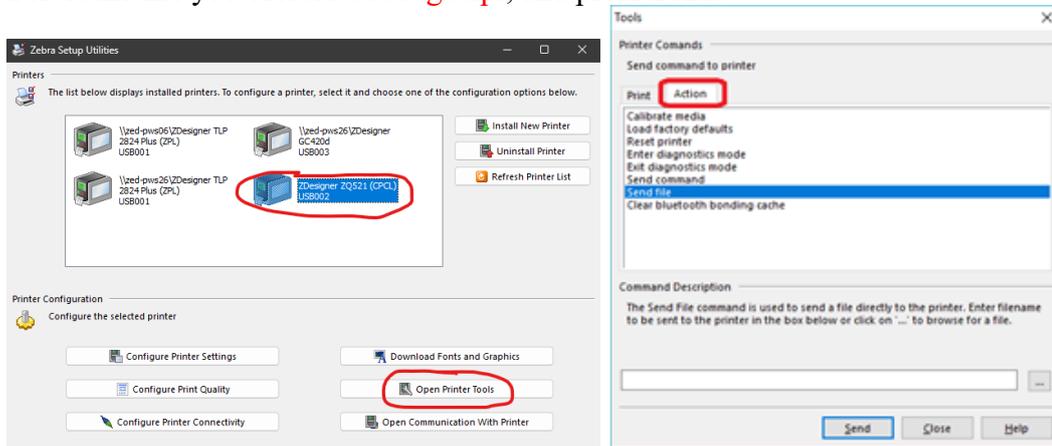
- Decide where you want to save it, such as desktop or documents, enter the file name ('custlogo' or 'danger') and press 'save', and finish



- It will create file custlogo.zpl in the location you selected
- Do this same procedure again but for the fail/danger logo
- Now you have the files are prepared for uploading them to the printer.

5. Upload custom converted graphics to printer

- Go back into the 'Zebra setup utilities' software.
- Highlight the printer in the list
- Choose Open Printer Tools → Action → Send File
- Select the file you created **custlogo.zpl**, and press Send.



- Then do the same again for the other logo
- Choose Open Printer Tools → Action → Send File
- Select the file you created **danger.zpl**, and press Send.
- Should be done, you can now just do a test print, run a test as usual on your PAT tester and save/print and check how your logos come out.
- OR you can also click the refresh button on Zebra Bridge Enterprise, and check if the files are correctly stored inside selected directory.

