

# GETTING STARTED

On opening the program, you will be greeted with a screen like this. All of the values in a new file are defaults, except for DOB. It is unlikely you will have to change any of these values, but the option is there! Your main concern are the blank fields.

To see more information about a field, hover over the text. This will tell you the full name of the field, and in turn how you should fill it out. For the TCN, there is an autogeneration function provided by the “Generate TCN” button. You need DAT, TOT, ORI, and NAM for this to work.

The screenshot shows the EBT Generator application window. It has a menu bar with 'File', 'Finalize', and 'Help'. The main area is divided into three columns. The first column contains fields for Section 1 (1.02 (VER) through 1.12 (NTR)). The second column contains fields for Section 2 (2.002 (DVC) through 2.073 (CR)). The third column contains fields for Section 3 (3.00 (DOB) through 3.073 (CR)). There are buttons for 'Generate TCN' and 'Save Changes' at the bottom of the first two columns. The right side of the window shows a grid of fingerprint image placeholders with 'Scannable' dropdowns and 'Clear Image'/'Load New' buttons.

You can also resize the windows if you need to get a better look at something. Just hover your mouse over the thick grey line between sections until you see the double arrow, then click and drag to resize.

This screenshot shows the same EBT Generator application window, but with the fingerprint selection interface expanded. It shows a grid of fingerprint image placeholders for the right hand (Right Thumb, Right Index, Right Middle, Right Ring, Right Little, Right Four) and the left hand (Left Thumb, Left Index, Left Middle, Left Ring, Left Little, Left Four). Each placeholder has a 'Scannable' dropdown menu and 'Clear Image'/'Load New' buttons. The 'Scannable' dropdowns are currently set to 'Scannable'.

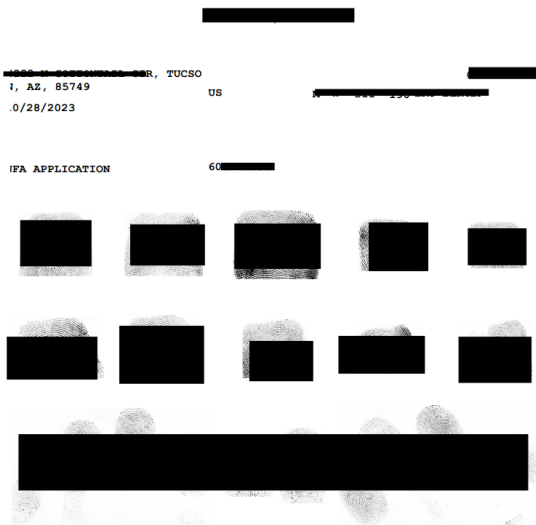
For fingerprint scans, you can switch between looking at the left and right hands. Each fingerprint also has a “Scannable” selector, which allows you to mark fingers that may be bandaged or amputated, or otherwise unscannable. You can also individually load fingerprints using “Load New.”

For RAC, HAI, and EYE, dropdown selectors are provided, meaning you do not have to memorize and type out the acronyms. However, given the amount of country codes possible for POB and CTZ, these acronyms are included in a separate text file, which can be accessed through the “Help” menu. Also accessible through the “Help” menu are this manual, the official EBTS documentation, and the software’s readme.md.

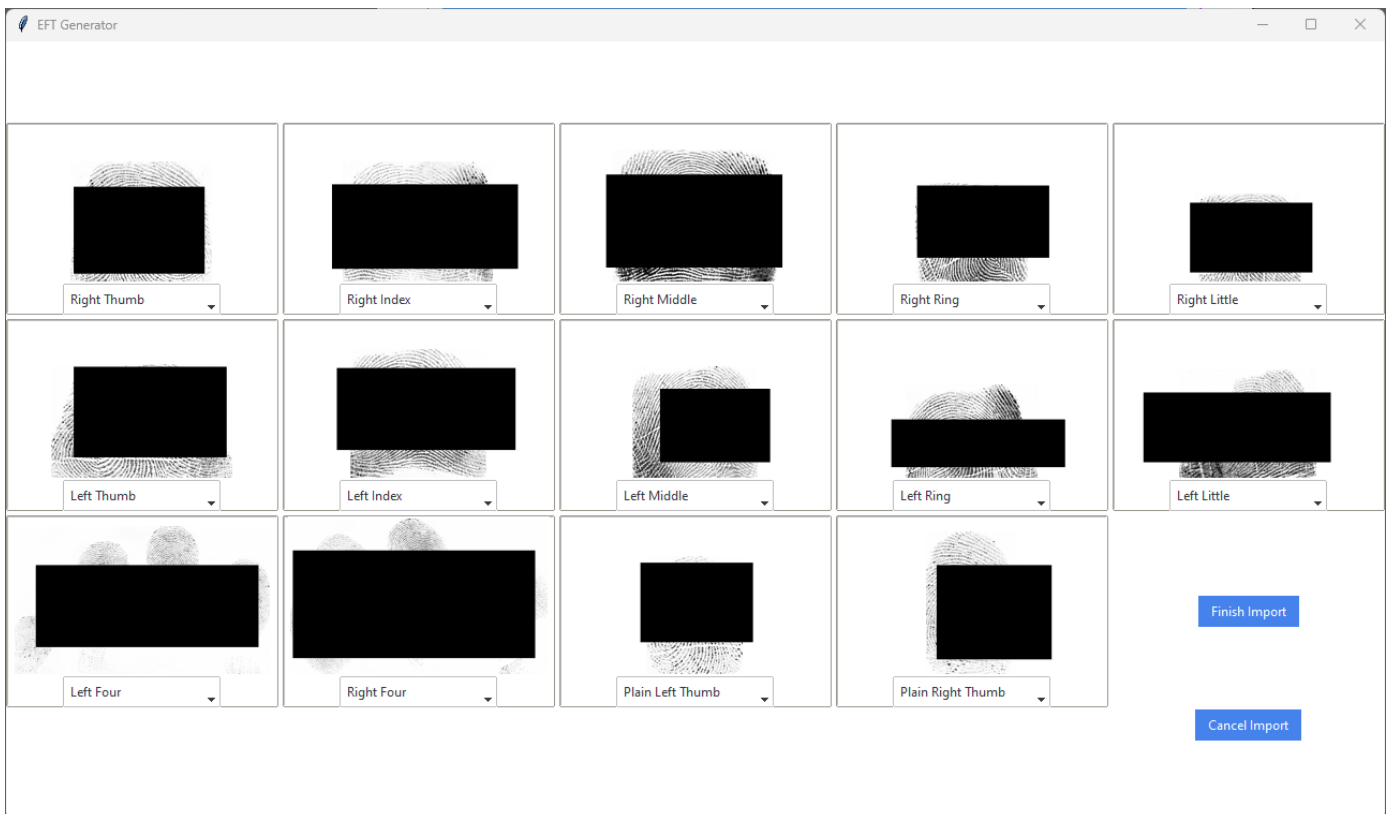
If you encounter any errors with the GUI, such as a button not doing what it is supposed to or an unfamiliar error popup, please contact the developer at [adasanrodriguez@gmail.com](mailto:adasanrodriguez@gmail.com).

# IMPORTING SCANS

To import scanned fingerprints, the process begins at the fingerprint scanner. From the software you used to scan, follow the procedure you normally use to print to a pre-printed card. However, in the printing menu, select “print to pdf.” You will get a page that looks something like the following example. Information and prints have been partially redacted for client privacy.



From here, navigate to the “File” menu in the top menu bar of the EFT program. You should see an option that says “Open.” Select this, and navigate to the pdf. Double click your pdf. Doing so will open the Importing Window, shown below. In this window, you are given a chance to make sure that every fingerprint has the correct identification-- machines can make mistakes, so check closely! After doing so, you can press “Finish Import,” and the Importing Window will close, with the fingerprints now showing up in the main window. If you accidentally mark two fingerprints with the same ID, the import will fail and you will have to redo it, so be careful! If the importer fails for other reasons, you can also save the images from the PDF and import them separately. Report the error.




# FINALIZING


After importing your prints and ensuring all your inputs are correct, the last step is to export the EFT. There are a few redundancies in place to ensure your file will be valid, but in the event that a file is invalid or exports incorrectly, immediately report the error to the developer.

Despite the scary warning, this step is not at all complicated save for one small snag. Once you are done and ready, click the “Finalize” tab on the top menu bar. Clicking “Verify” will ensure you have everything you need, but clicking “Export EFT” does another round of verification just in case. You will then be asked to choose where to save and what to name your file (this may change to an automated naming system in a later update). *When you name your file, add .eft to the end of the name. This is a known error, the file will not save if you do not do this.*

# MISC

When importing an individual fingerprint, you will see this popup:

 NOTICE



You are going to be asked to choose where you want the resulting images saved. Inside your chosen folder, 2 subfolders will appear:  
raw  
wsq

OK

The reason you are asked to choose a folder is so the program can keep track of where the images are saved. If no folder is selected, unstable results may occur, so make sure you select a folder. If raw and wsq sub folders already exists in the folder you select, that is ok!

**CONTACT**  
**adasanrodriguez@gmail**  
**FOR ANY ERRORS OR**  
**ADDITIONAL QUESTIONS**  
*thanks :)*