

How to Create a New USB loader file for the New Enhanced EZ3 series HMI.



Transitioning from an original EZ3 to an Enhanced EZ3 (e.g., EZ3-T10C-EE) requires the creation of a new USB Loader file, with an .hmi file extension. It's possible to store multiple programs on a single USB flash drive, allowing users to program different panels or swiftly switch between panels for various tasks.

You must take an original .ezp file and then create your .hmi file to create the new Enhanced USB loader file. The .ezp file is a project file that acts as a master to the .hmi file.

The following requirements are needed to get started.

- Windows 7, 10 and 11 are supported
- EZTOUCH-EDITOR version 2.5.0 or higher
- EZ3 Enhanced HMI's with firmware L_4_32 or higher
- USB thumb drive or Micro SD card formatted to FAT 32
- Recommended USB size is 4 GB and maximum USB size is 32 GB.
- Original .ezp file or HMI with project file on it

Creating EZ3 Enhanced HMI USB loader files:

Open the EZTOUCH-EDITOR and the project information screen should appear. Under step 1 browse to the location of the project file. This project file should have an .ezp file extension.

Visit step three after selecting the correct project. You want to make sure that it reads -EE in the select model drop down. This will insure that when you create the USB loader file that it will be accepted by the new EZ3 Enhanced HMI.

Step 3: EZModel

Select Connected Device

Panel Family
 EZTouch EZTouch PLC Legacy

EZ3 Series / EZ3 Sunlight

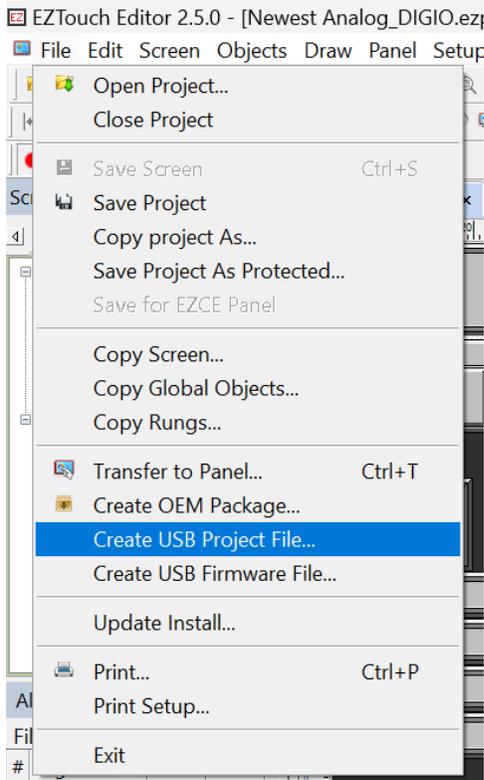
Size
 4" 5.1" 6" 7"
 8" 10" 12" 15"

Select Model: 8" EZ3 Enhanced 800x600: EZ3-T8C-EE -EE

After making sure that correct model is selected click on "Click to start Designing" button to get into the main programming window.

Click to Start Designing Clear Setup Help Exit

In the EZ Touch Main programming window, click on menu File > Create USB Project File to create user project file for use with the USB flash drive or Micro SD card slot. User can select name. The file is saved with an .hmi extension.

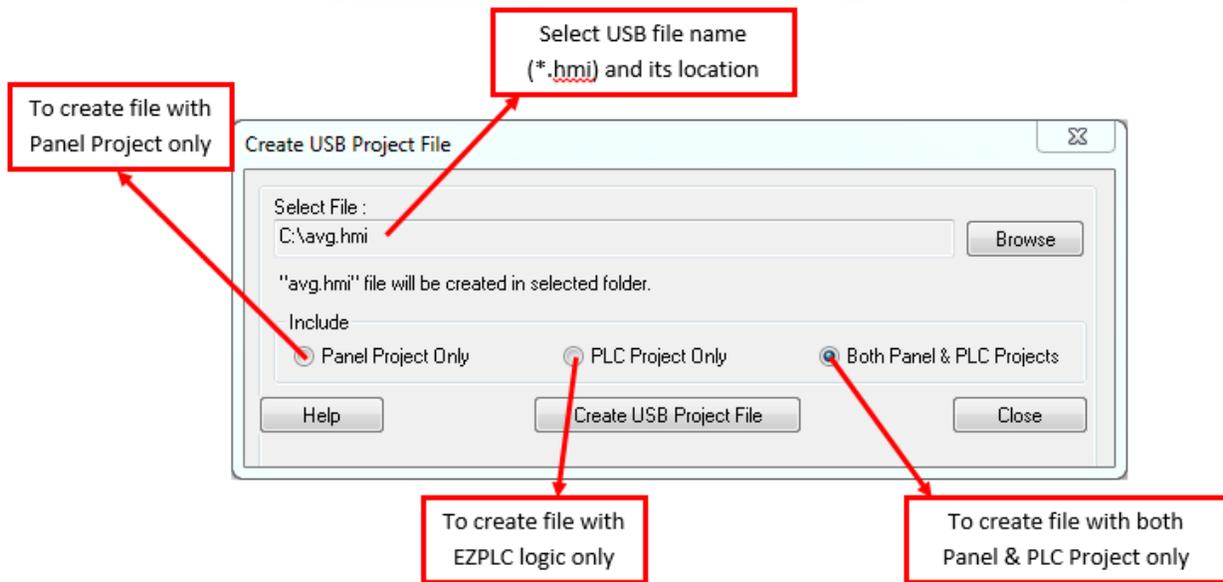


Note: Make sure the unit is **powered down** when inserting the USB thumb drive or the micro SD card.

The dialog box shown below would appear:

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Note: Radio button options are available only if you are using one of the AVG PLC drivers in the project.



Copy file(s) on USB Drive

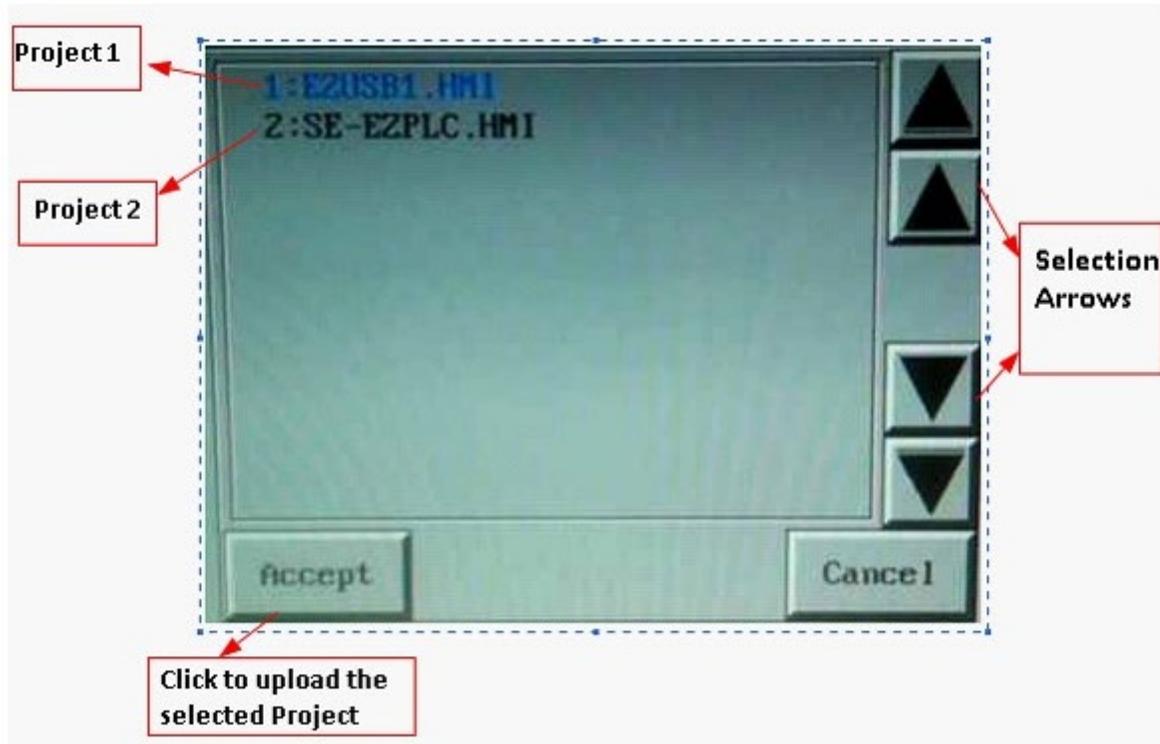
Copy file(s) created by the editor on the root directory of a USB flash disk. (Please note files copied in other than root directory would not be read by the panel.)

All files are saved automatically with the .hmi extension. Files without this extension will not be read.

Programming the panel using USB Drive or micro SD card

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To program the panel from USB Drive, insert the USB flash directly into the panel's USB port. The panel would display a list of files available in the root directory containing an .hmi extension. An example is shown below:



Select the required project using the Up-Down arrows and press “Accept”. If the panel is not compatible with the project selected, an Error message saying “Wrong panel Type” is displayed. The selected project is then automatically loaded into the Panel.

Note: The IP must be programmed separately from the .hmi load, the .hmi load will only program the project.

Quick overview

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The panels can be programmed in following basic steps:

1. Create a USB file (*.hmi) using the EZ Touch Program Loader.
2. Save the file on the USB Flash drive (only in the root directory). It will ask if you would like to save to flash, select yes if you would like to have your program retain over power cycle.
3. Insert the USB stick into the panel's USB port. For certain panels you will need to power cycle before the panel will move on to the next step.
4. The panel brings up a list of projects that are available on the USB Flash drive. Select the necessary project and press OK. (If the panel is not compatible with the project selected, an Error message is displayed.)
5. The project is automatically loaded on the panel.

Troubleshooting tips:

- Make sure unit is powered down before inserting and or taking out the storage device
- Make sure software/firmware is up to date
- Reformat the storage device
- If you get wrong panel type error, please double check the select model and panel family type



Enhanced Technical support

You can reach out to our tech support team at techsupport@ezautomation.net or calling 877-774-3279 for assistance with latest software and firmware. In addition, you may call or text anytime (563-650-8112) this phone line is monitored 24/7.