Siemens TIA Portal to EZ3

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Configuring EZ3 Touch Panel to Siemens S7 Series PLC

This guide will walk you through the setup to connect a Siemens PLC and an EZ3 Touch panel using ISO over Ethernet protocol.

- 1. Launch EZSeries Panel Edit 6.2.
- 2. In the Project Information screen, select the first option on the left "Edit Program OFF-LINE"

Project Information					
EZSeries EDITOR Touch Panels	EZSeries Touch Panel Programming Softwa EZAutomation : Phone: 1-877-774-EASY www.ezautomation.net	are Version 6.2			
	Selected Action : Edit OFF-LINE Write Later				
SELECT ACTION	ENTER PROJECT INFORMATION Project Location :				
Edit Program OFF-LINE (Write to Depall stor)	C:\Users\dilavsky\Desktop\Projects\Siemens\	Browse			
	Project Name : EZ Project S7 1200.ezp 🗸	Firmware Revision			
Read Program from	Start Editing Screen				
Panel and Edit OFF-LINE	Number 1 Vame Scr1	·			
	Select EZSeries Panel	-			
Edit Drogrom ONULINE	Panel Family	Size			
	EZ3 Series 🔹	○ 4" ● 6" ● 8" ● 10" ○ 15"			
PC to Panel Connection	Select Model 10" EZ3 Series 800x600 (with Ethernet)	·			
Serial COM3 ▼					
CLocal Host	PLC PLC Menufecturer: PLC Model and Protocol :				
(127.0.0.1710001)	Ethernet Drivers Siemens ISO TCP/IP S7-300/400 - Rev A / b View/Edit PLC Com Setup				
Ethernet (EzEther)					
C modelin					
	Ok Help	Clear Exit			

- 3. Give it a project name and click on "OK". Other fields will be highlighted.
- 4. Select "EZ3 Series" under the panel family and choose the size of the panel.
- Under the PLC select "Ethernet Drivers". Then under PLC Model and Protocol select "Siemens ISO TCP/IP S7 300/400". (Note: While it does say S7 300/400 it also works with S7 1200 and S7 1500 models.)
- 6. Next click on View/Edit PLC Com Setup.

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Ethe	thernet Drivers Siemens ISO TCP/IP S7-300/400						
	PLC Revision: A						
	Time out time (1 - 255) Poll Time (0 - 255)		30 0	(in tenths of a second) (in tenths of a second)			
-1	PLC Details Maximum Number of PLCs: 4 Number of PLCs defined: 1						
	PLCId	IP Address		Port Number			
		10.1.200.222		102			
Skip Dropped PLC Add Edit Delete							
	OK		Cano	cel	Help		

7. In the dialogue box that appears click on the Add button to add the PLC IP address that you are communicating with.

Add New PLC	X
PLC ID	1 10 . 1 . 200 . 222
Port Number Link Type Back Number	102 S7 •
Slot Number	

- 8. The Add New PLC dialogue box will appear. Keep the PLC ID as "1" and then enter the IP Address in its field, for example "10.1.200.222".
- 9. Next choose S7 for the Link Type. Choose the Rack Number based on what the PLC believes its rack number is.
- 10. Finally choose the slot number where the CPU is located. This is usually slot number "1" but does not have to be.
- 11. Click OK three times to start programming your project. You should now be configured to communicate to the Siemens PLC.