PUSHCORP, INC.
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Configuring a PushCorp FCU Flex with EIP

Required PushCorp Components:

FCU Flex
PAR04288 – FCU Flex EIP Module

Required Software:

HMS AnyBus Ethernet IP Tool
Download: https://www.anybus.com/docs/librariesprovider7/default-document-library/software/hms-ipconfigtool.zip?sfvrsn=ff5b9ad6_60

PushCorp AFD Dashboard
Download: https://cloud.pushcorp.com/webdata/software/afddashboard.msi

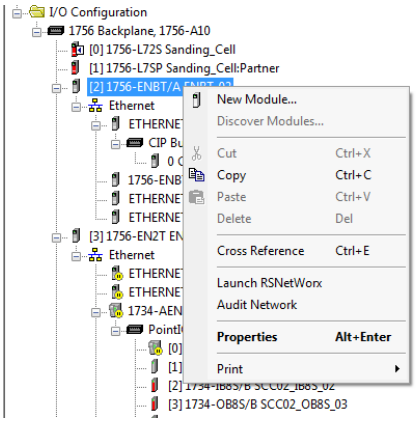
Instructions:

1. Use HMS Anybus Ethernet IP Tool to set the IP address on the FCU Flex EIP Moudule.
2. Once the IP has been set, reboot the FCU Flex by cycling power.
3. Open the AFD Dashboard software and navigate to the IO screen by way of the settings icon.
4. Verify that the IP address shown here matches the IP address entered in HMS Config Tool.
5. The FCU is now ready to communicate with the scanner of your choice.

Configuring your adapter to communicate with the FCU Flex

Allen Bradley PLC

1. Right click on the PLC Ethernet card in the IO Tree
2. Select “New Module”



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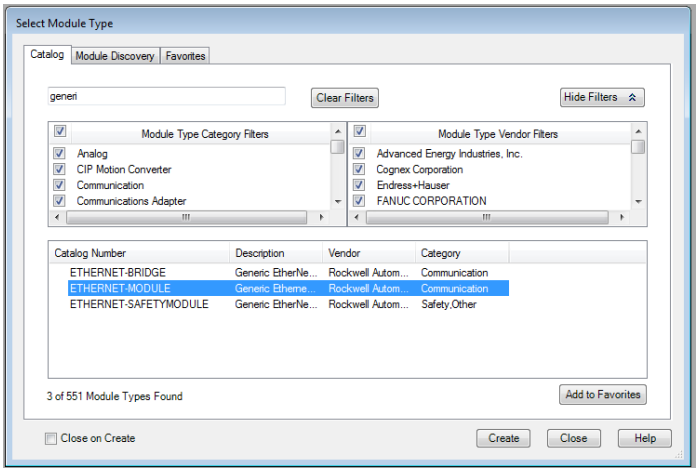
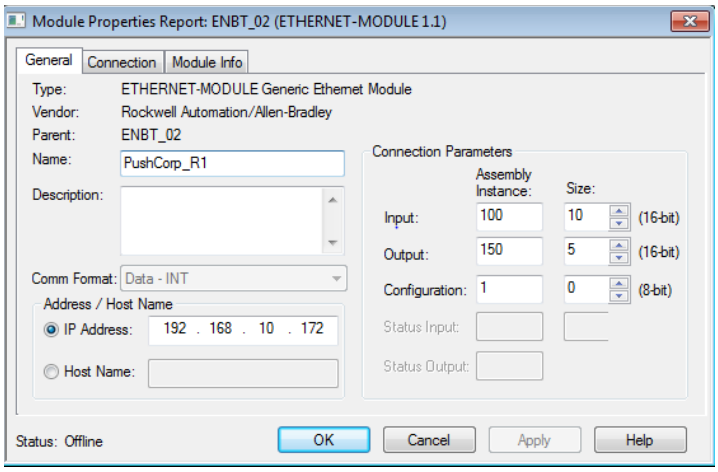
3. From the "Select Module Type" pop up window Search for and Select "Generic Ethernet Module"



4. Press Create, then the new module window will appear and you can enter the Name of the Module, IP address, and the connection parameters as shown in the screen shot. Note: Configuration = 1, 0 (8-bit)



Note: Input and Output should be set to 16-bit

Fanuc Robot

1. Setup the EIP interface on the FANUC robot, this will be done on “Rack 89”.
2. The FCU will be setup as scanner
3. The FANUC robot does not use the standard Maj and Min revisions which would be found in the EDS file, replace the settings for Maj and Min revisions shown below with 0.

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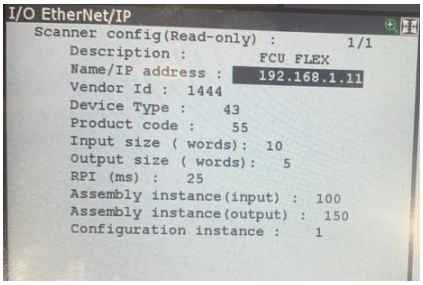

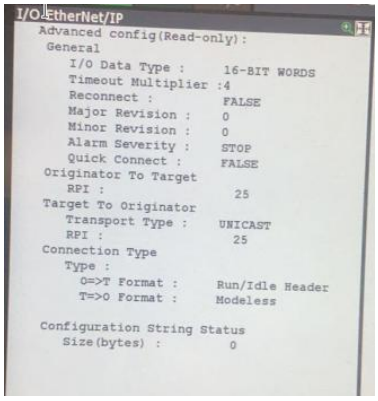

4. Once the settings have been you can set the device to true and finish your standard Fanuc interface configuration.

   Note: If there is an active PING but the connection continues to stay “Pending”, the “Configuration Instance” may be incorrect.

EIP Configuration Parameters

VendCode = 1444;
ProdType = 43;
ProdCode = 55;
MajRev = 1;
MinRev = 1;
Producing Connection (Input): 100
Consuming Connection (Output): 150
Input Scanner Size: 10 Words
Input Offset: 0
Output Scanner Size: 5 Words
Output Offset: 0