

eWON and Mitsubishi FX5U PLC

1. Remote Access

The Mitsubishi PLC FX5U features an Ethernet port. This is therefore quite easy to access through an eWON.

The connection can be made with the Plug&Route activated.

The only thing to know is how to tell GX Works 3 to connect the PLC without using the automatic PLC discovery mechanism.

To do that, click the "online" menu and select the option "Current Connection Destination" :



- Select "Ethernet Board" and "PLC Module".
- Double click the "PLC Module" Icon, a window will open.
- Select the option "Connect via HUB" and type and the PLC IP address.





2. Poll FX5U PLC from eWON

The FX5U PLC is part of the iQ family and is seen by eWON as a Q PLC.

Before setting up the eWON, you have to declare the incoming connection in GX Works 3.

- Edit the Ethernet Port Properties and add a SLMP Connection Module.
- Select TCP or UDP and type a Port Number.

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🗉 🚝 Structured Data Types		Ethe	ernet	Config	uration Edit View Close	e with Discarding th	e Setting C	lose with Refle	cting the Setting			
🚰 Device												i Me
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= 🛃 FX5UCPU								Fixed Buffer	PL	.c	ensor/Devic	
🧬 CPU Parameter 🔳 🎑 Module Parameter				No.	Model Name	Communication Method	Protocol	Send/Receiv e Setting	IP Address	Port No.	MAC Address	⊕ Et
Ethernet Port		H			Host Station				192.168.2.51			
🐢 485 Serial Port			S	1	SLMP Connection Module	SLMP	TCP		192.168.2.51	1025		
🔹 High Speed I/O			HEL	2	MELSOFT Connection Module	MELSOFT Connectic	TCP		192.168.2.51			
🔹 Input Response Time			S	3	SLMP Connection Module	SLMP	TCP		192.168.2.51	1282		
🔹 Analog Input												
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hernote Password			•								Þ	
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- Send the program to the PLC.
- In the eWON, edit the properties of the MELSEC IOserver, enable a Topic and type : QCPU,<Protocol TCP/UDP>, <PLC IP Address>, <Port Number>, 0, 255

Topic B :						
Topic Name:	В					
Destination Device Type and Address:	QCPU,TCP,192.168.2.51,1025,0,255					
Poll Rate	2000 MS					

• Configure the Tag as described in MELSEC IO Server Section of General Reference Guide.

- Notice -

The address of the **Y** and **X** FX5 registers are coded in OCTAL in GX Works 3 while it is coded in Hexadecimal in eWON.



Revision

Revision History

Revision Level	Date	Description
1.0	02/06/2016	Original version

Document build number: 7

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