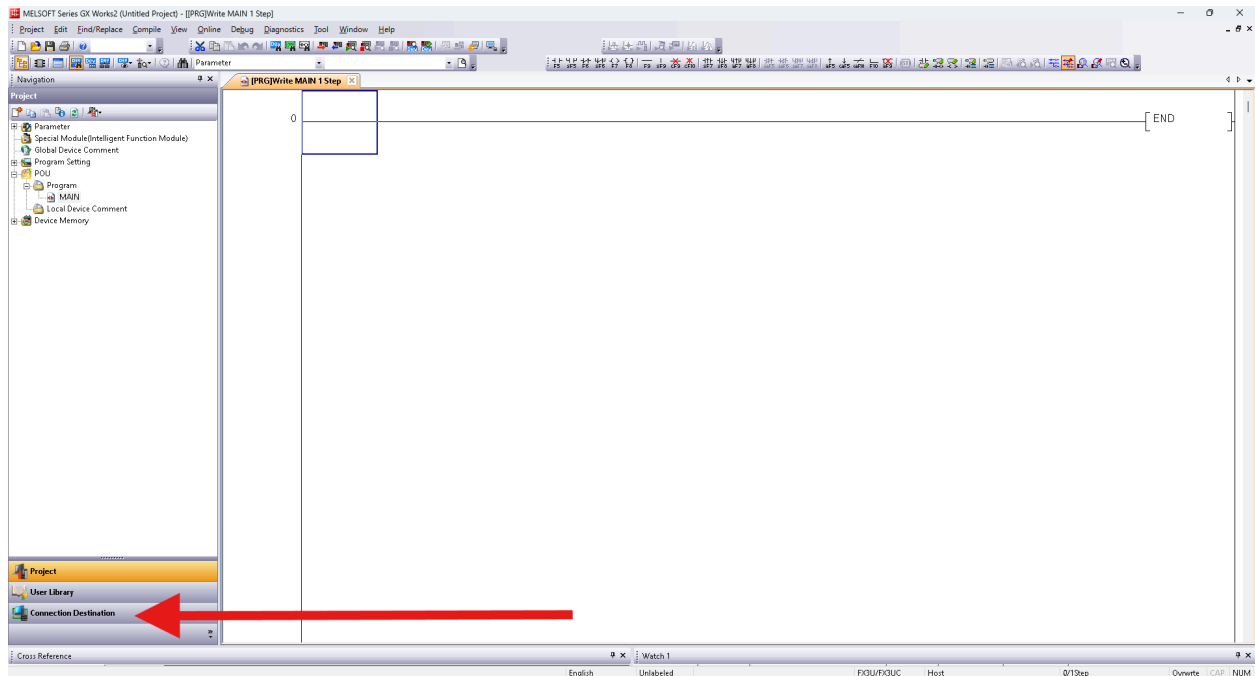


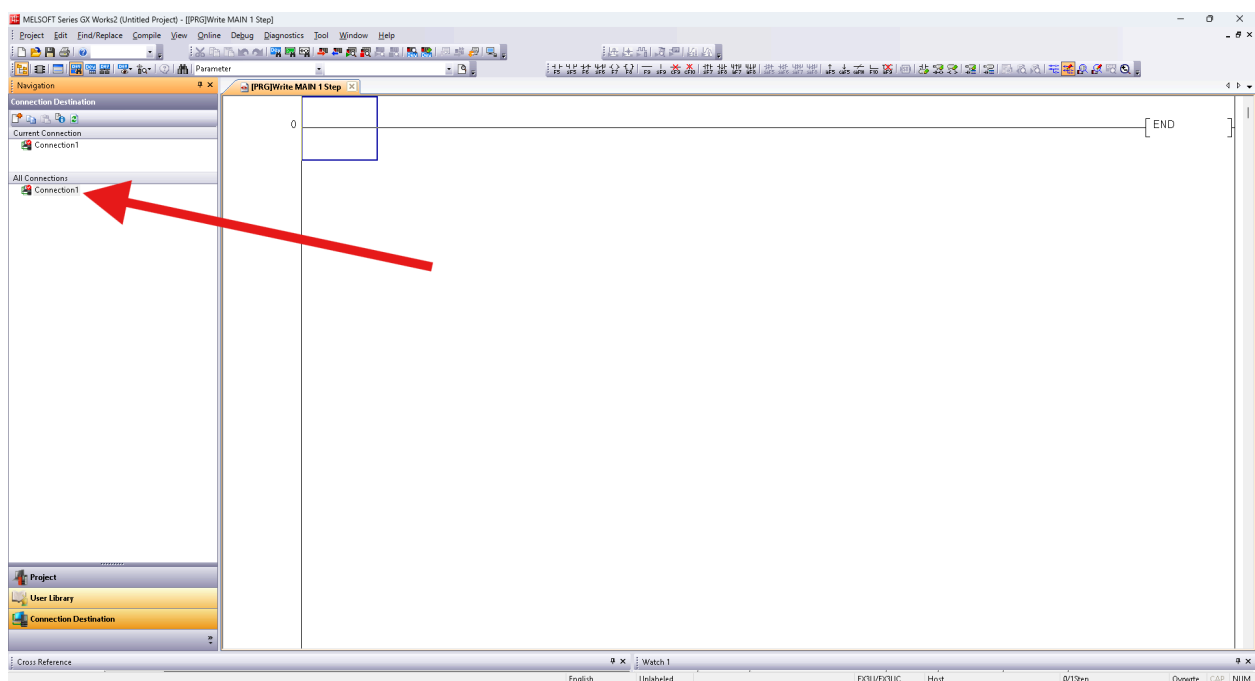
Communication between FX3U PLC and Samkoon HMI

→ Preparation for PLC

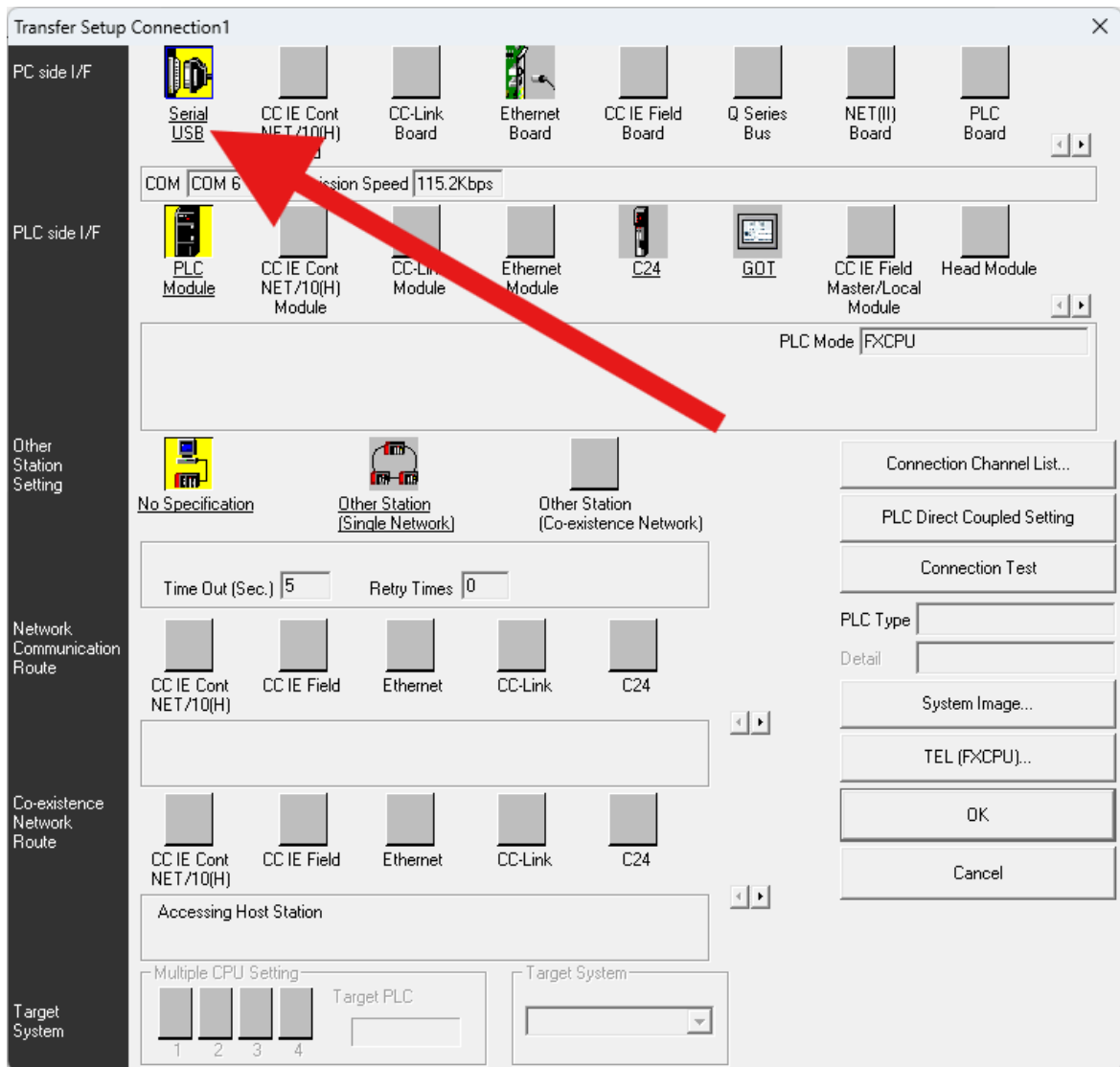
- Open GX Works2 and Click Connection Destination



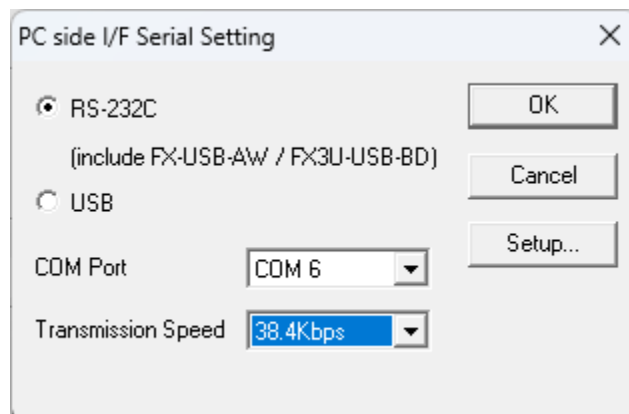
- Double click Connection 1 under All Connections



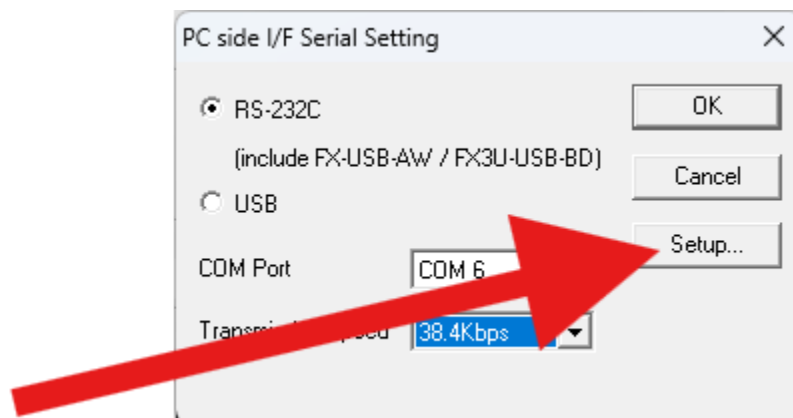
- Again double click on Serial USB



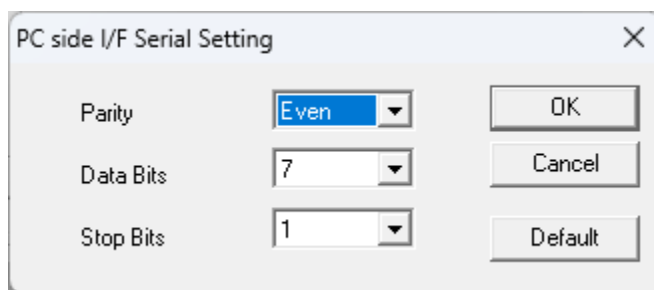
- Select correct COM Port and Transmission Speed using drop down menu as below.(PLC transmission Speed is mentioned in PLC)



- Then click on Setup



- The check parameters are the same as below.



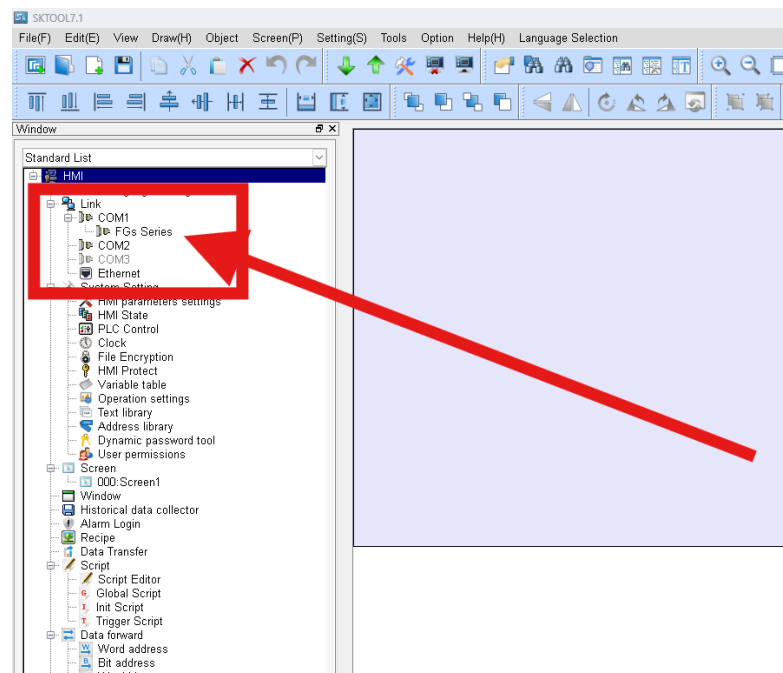
- Then click OK.

→ Preparation for HMI

- You must use DB9 male to DB9 female communication cable for this communication.



- Double click on the PLC series under the COM port you selected when creating the program.



- Then select the Mitsubishi and Melsec-FX3U/3G(CPU Port) as PLC type in connection Services.

Communication Port Properties

General Parameter

Link ID: 1

Link Interface: COM1

Link Name: Melsec-FX3U/3G(CPU Port)

HMI Site: Local Setting COM port (master-slave mode) port:1

Connection Services: MITSUBISHI Melsec-FX3U/3G(CPU Port)

☐ HMI IP

Ip: 192 . 1 . 100

Subnet mask: 255 . 255 . 255 . 0

Gateway: 192 . 1 . 1

Notes

Please use the<DIP Switch 1+3 Function Settings>in the<Function Button> or use the<Configuration>in the<Remote Configuration Tool>to update the parameter of the 4G/WIFI module.

ok cancel

- Click on Parameters

Communication Port Properties

General Parameter

Link ID: 1

Link Interface: COM1

Link Name: Melsec-FX3U/3G(CPU Port)

HMI Site: Local Setting COM port (master-slave mode) port:1

Connection Services: MITSUBISHI Melsec-FX3U/3G(CPU Port)

☐ HMI IP

Ip: 0 . 0 . 0 . 0

Subnet mask: 0 . 0 . 0 . 0

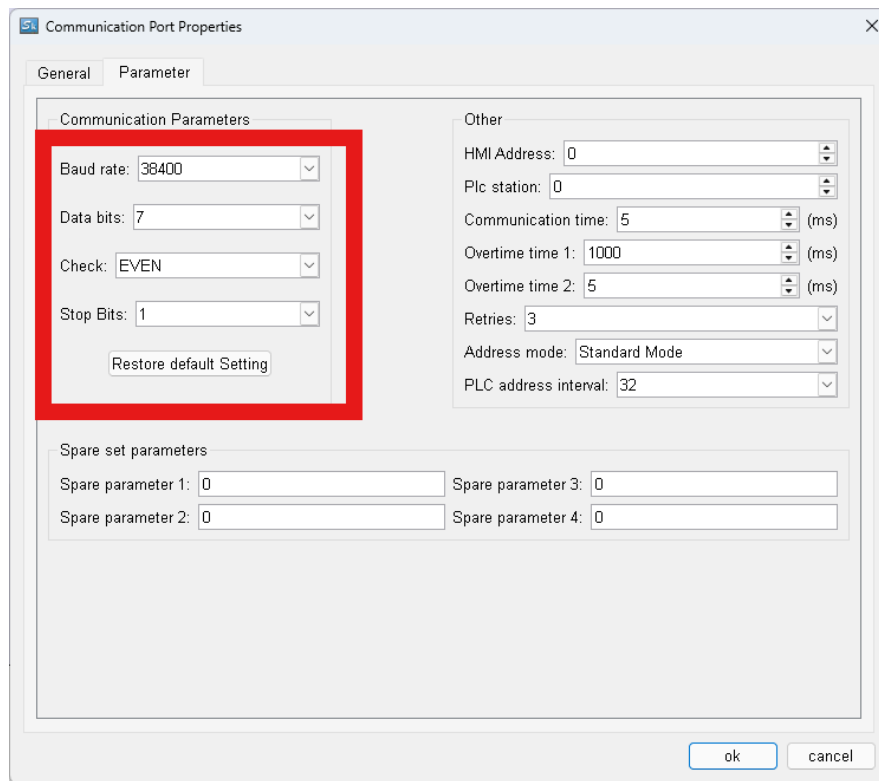
Gateway: 0 . 0 . 0 . 0

Notes

Please use the<DIP Switch 1+3 Function Settings>in the<Function Button> or use the<Configuration>in the<Remote Configuration Tool>to update the parameters of the 4G/WIFI module.

ok cancel

- Check parameters are same as the GX Works 2



- If these parameters are the same, then communication is done.