CODESYS V3 (Ethernet)

Supported series: LTI MOTION MO CM-3, MO CM-6, CODESYS V3
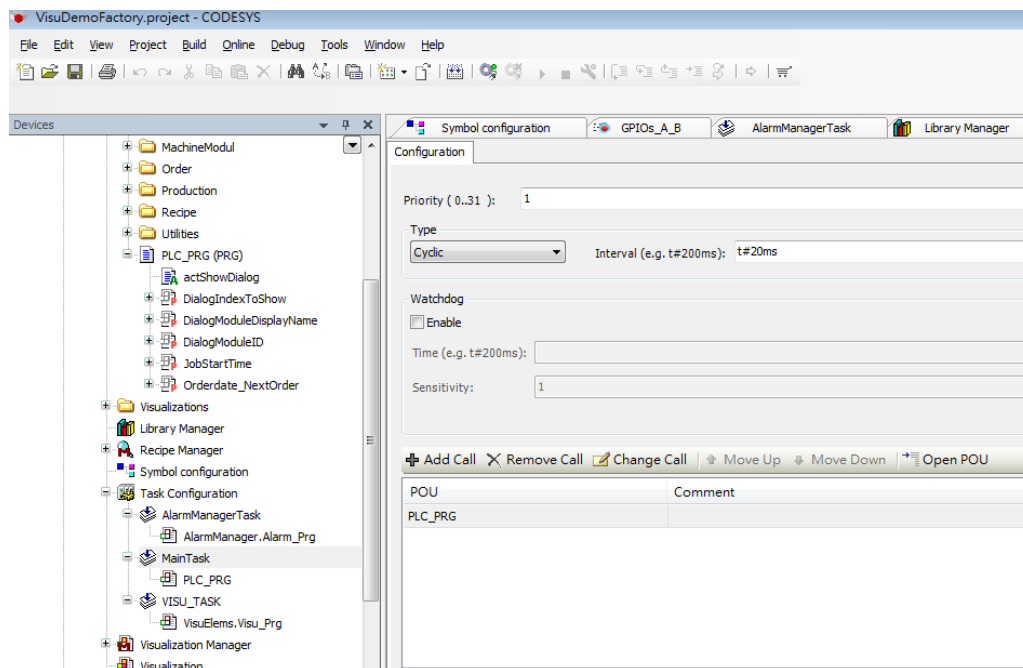Website: http://www.lti-motion.com/
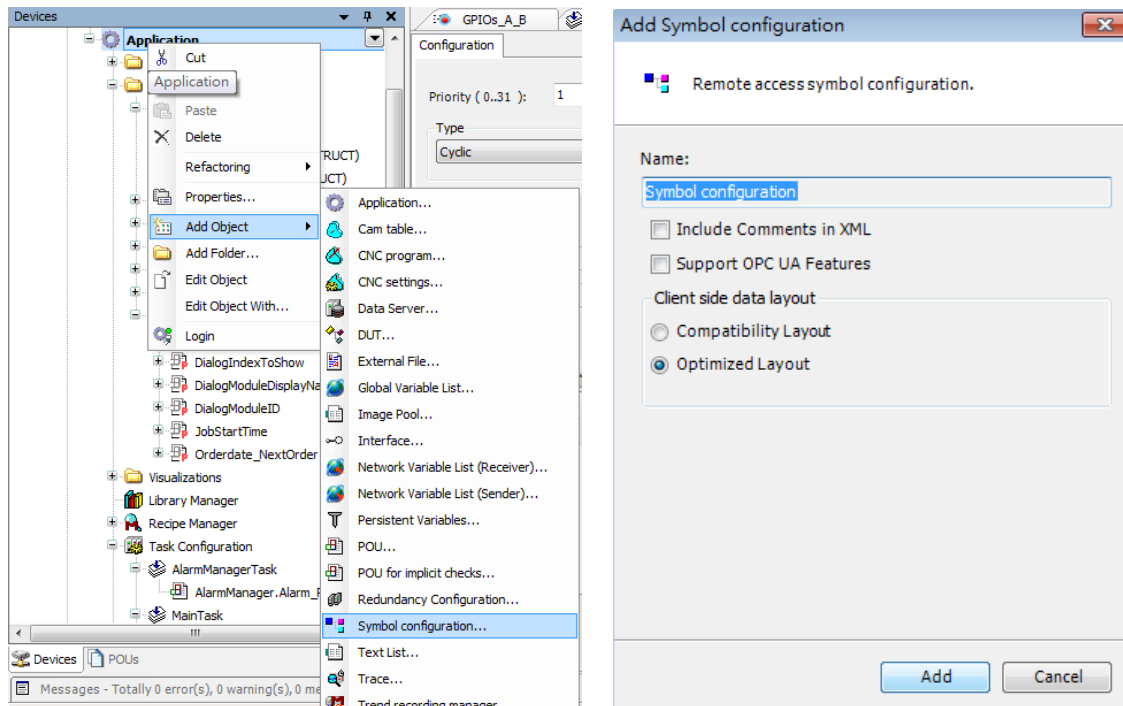
HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	CODESYS V3 (Ethernet)		
PLC I/F	Ethernet		
Port no.	1740		
Source port	1742		
Protocol	V3 UDP/IP	UDP/IP ; TCP/IP	

How to Import Tags:

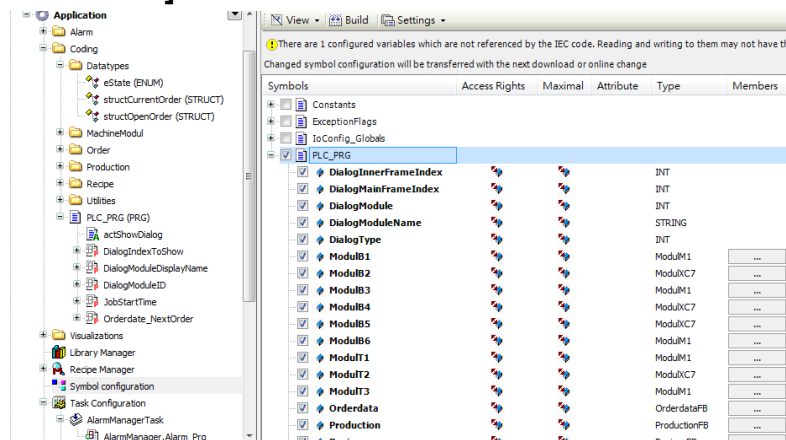1. Under "MainTask" set POU PLC_PRG.

2. Add "Symbol configuration" into Devices list.

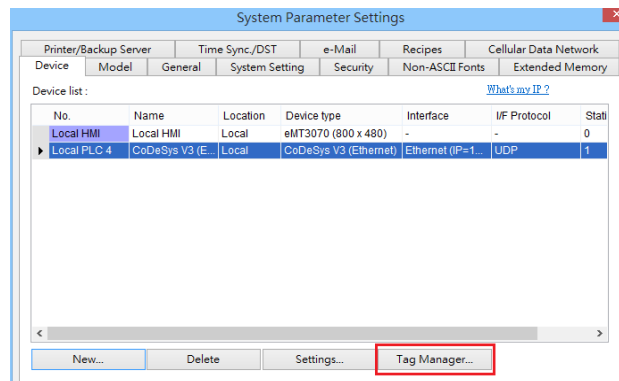3. Select PLC_RPG and its tag information is shown, build the project.
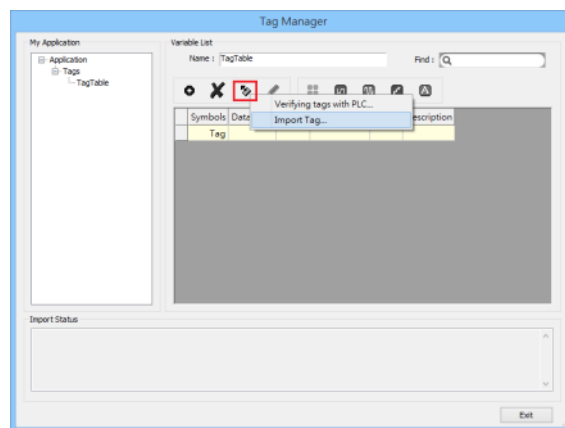   **[build]** -> **[Generate Code]**

4. A *.xml file is generated in the directory of the project.
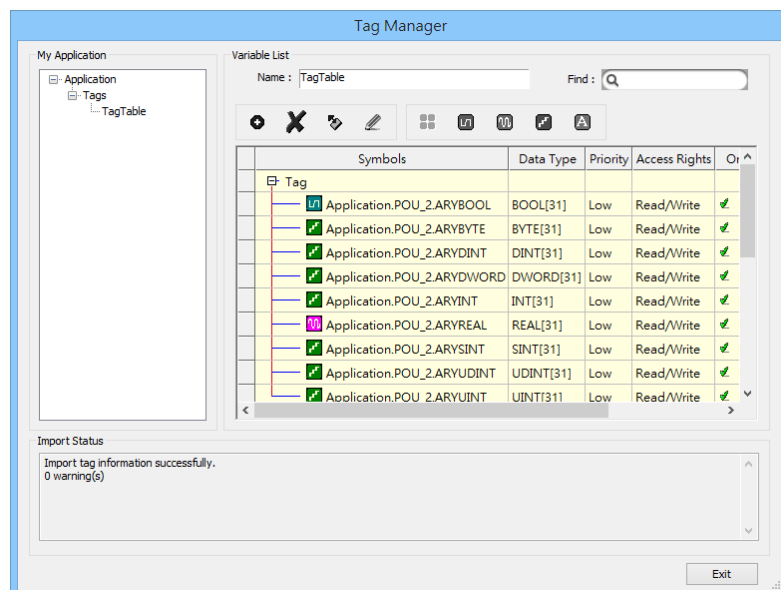
5. In System Parameter Settings click **[New]** to add CoDeSys V3 (Ethernet) driver into the device list and then click **[Tag Manager]**.

6. In Tag Manager click **Get tag** -> **Import Tag**, and then select the tag file (.xml) generated by the PLC software.

7. When the tags are imported successfully, click **[Exit]** to leave.

Support Device Type:

Data type	EasyBuilder data format	Memo
Bool	bit	
Byte	16-bit BCD, Hex, Binary, Unsigned	8-bit
SInt	16-bit BCD, Hex, Binary, Signed	8-bit
USInt	16-bit BCD, Hex, Binary, Unsigned	8-bit
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit
UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit
String	Word array for ASCII input and display	Length=word

String length must be set identical to the length in Codesys software.

Wiring Diagram:

Diagram 1
Ethernet cable: