Demo Project of Station Variable

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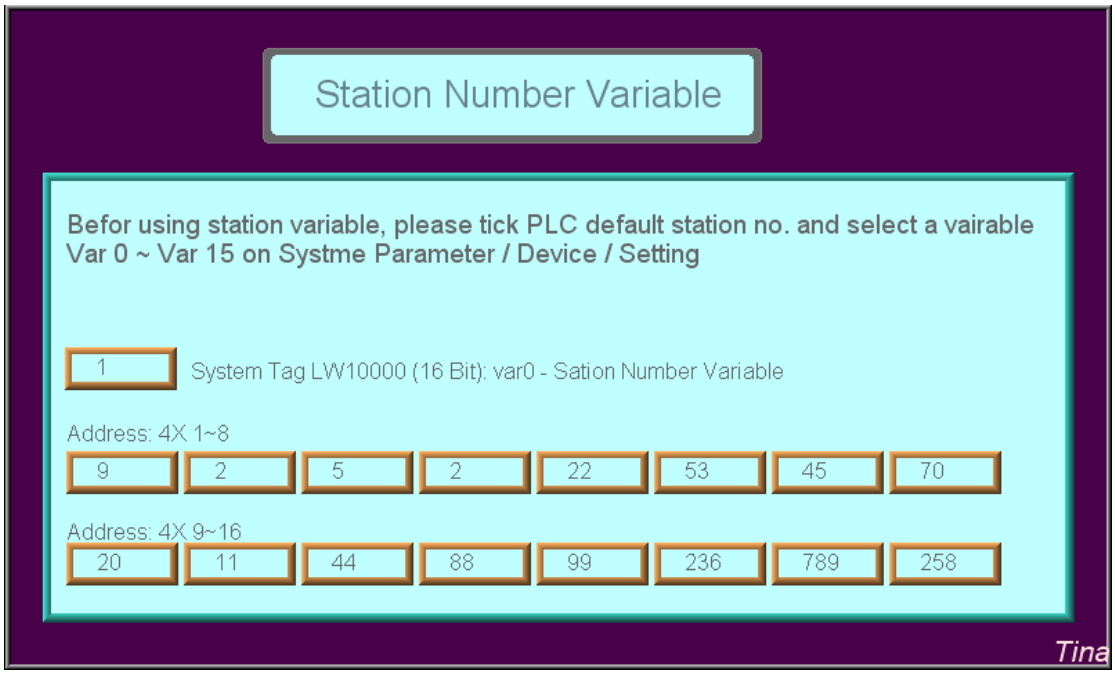
1. Overview and Operation

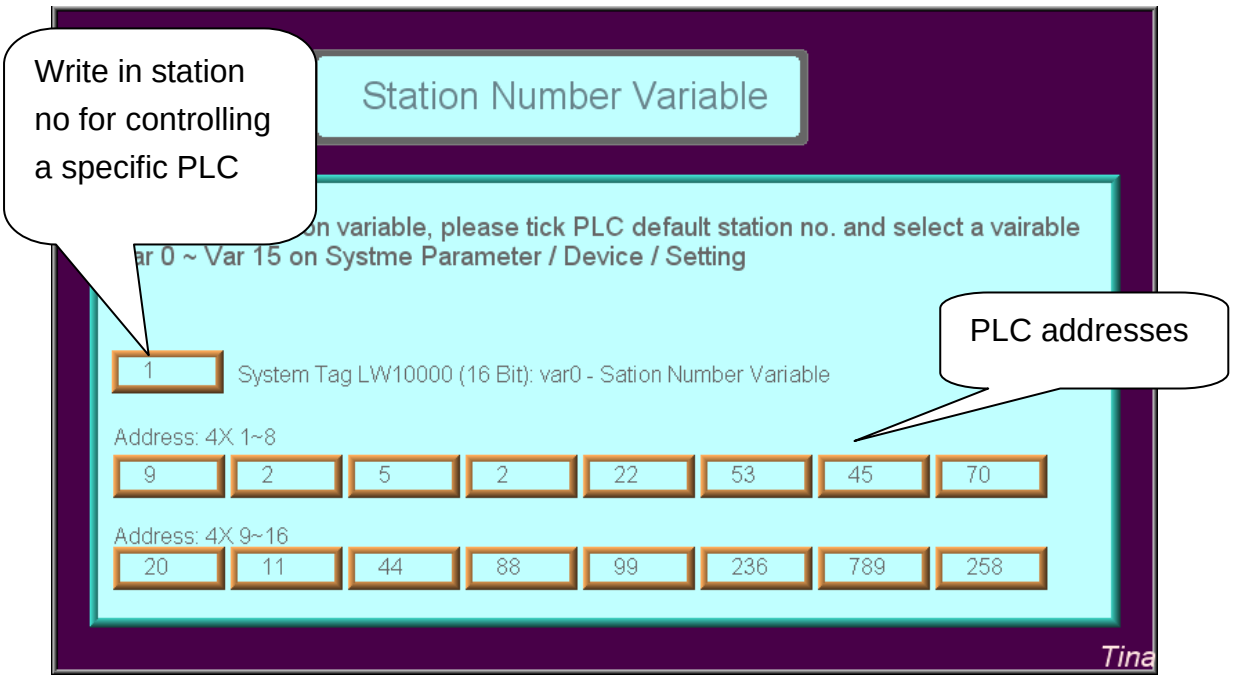
[Overview]

This demo project is to display how to preset the station variable for controlling all addresses with different station no.

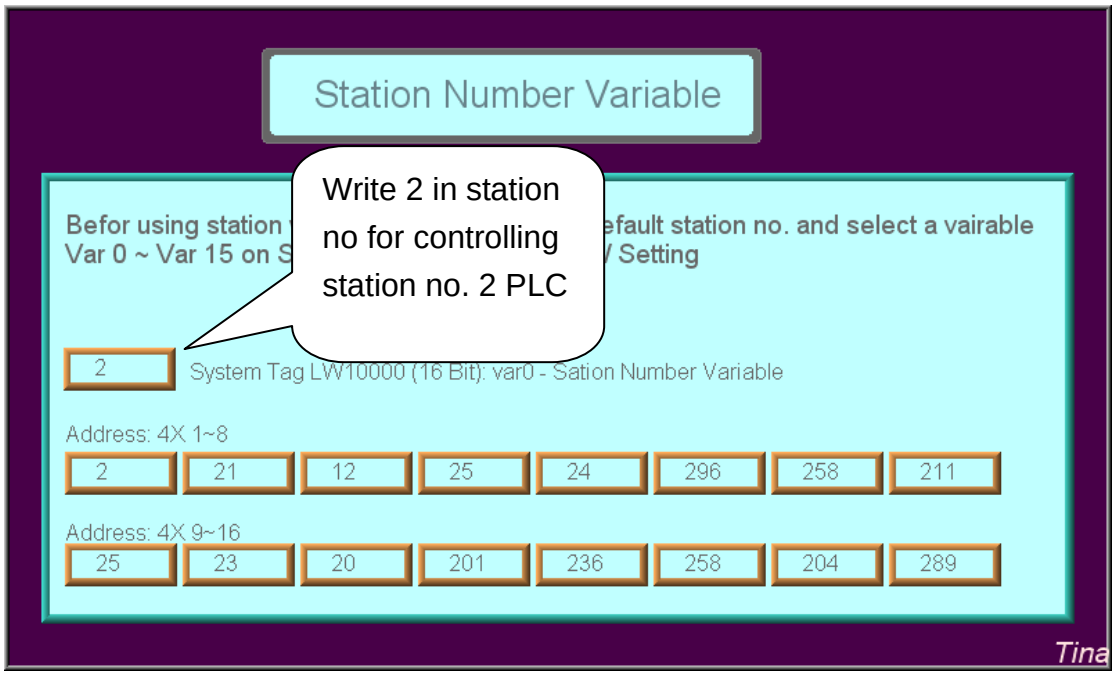


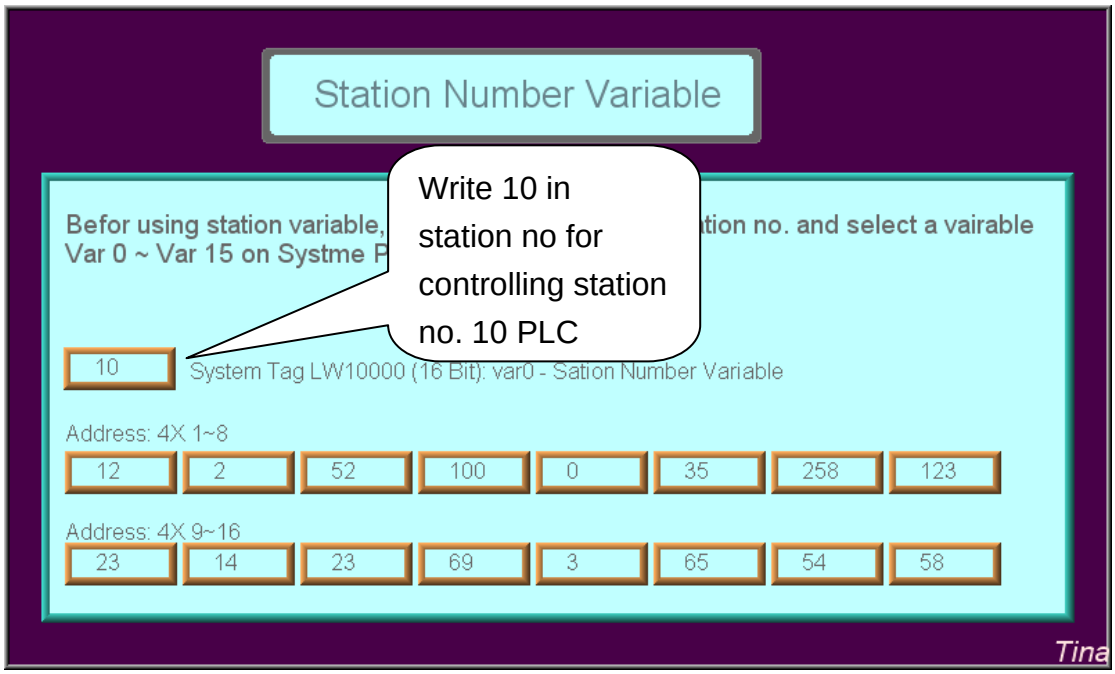
[Operation]

In this demo project, the bottom of screen shows addresses of PLC. To write different station no. to LW10000 is to read/write value to the corresponding PLC.



To input “2” on LW10000 is to input value to station number 2 PLC.

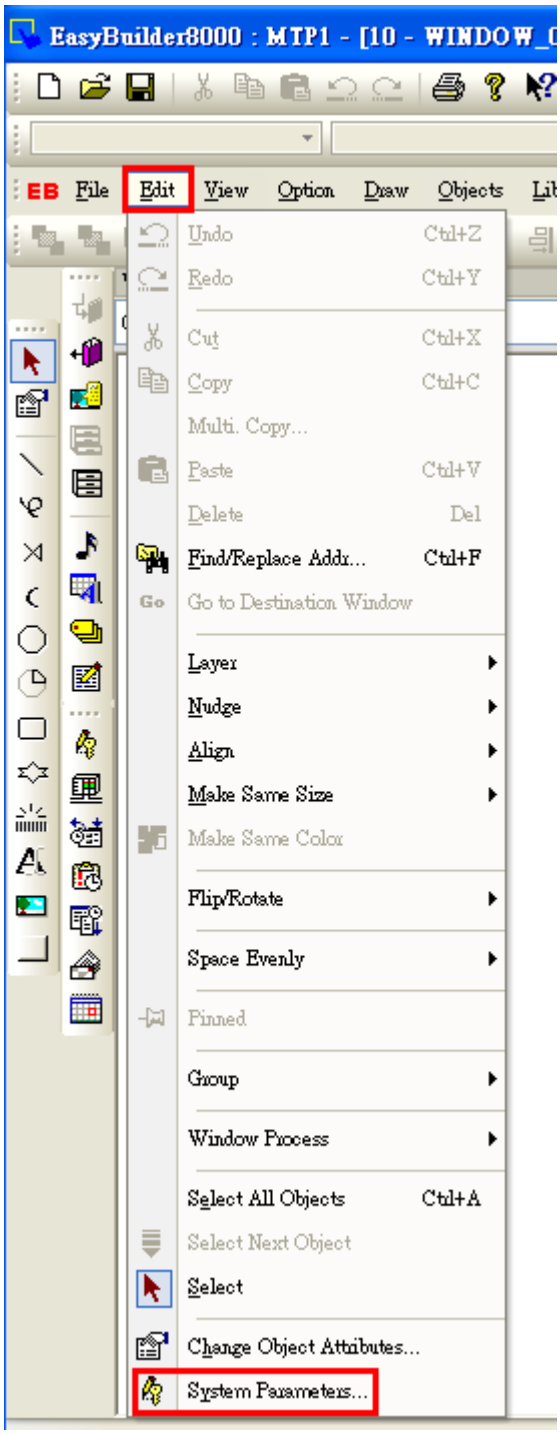




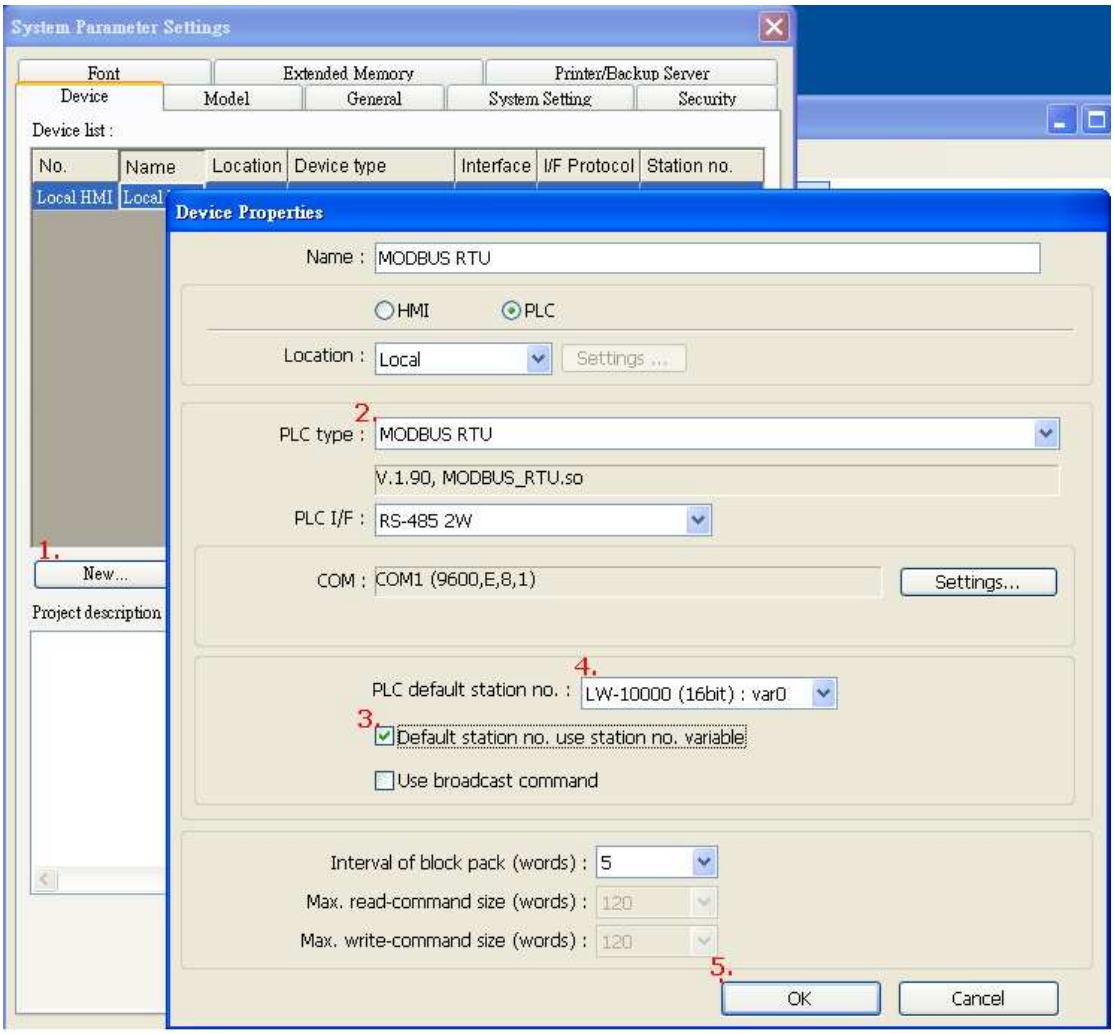
2. Setting up the screen

Set this feature in the project file as follow.

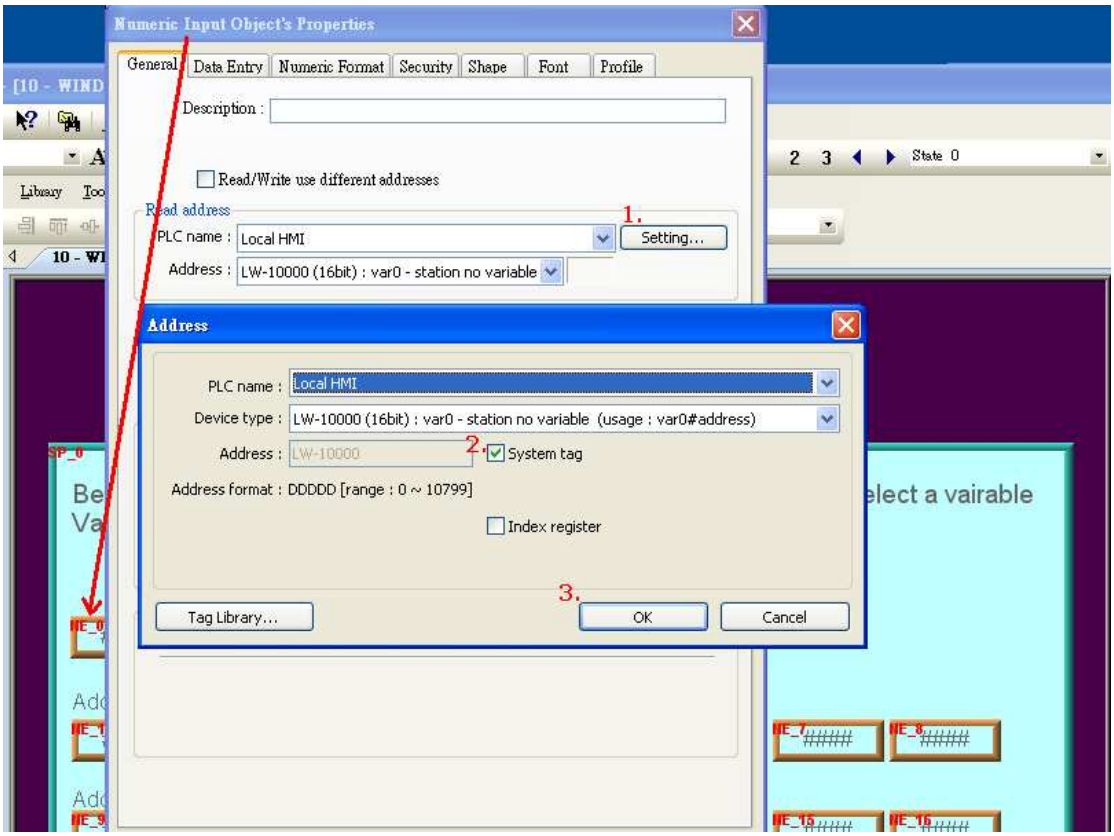
1. In the Edit area, click “System Parameters”.



2. Click [New] for adding Modbus RTU and then tick [Default station no. use station no. variable] to select [LW-10000(16bit):var0] in PLC default station no.

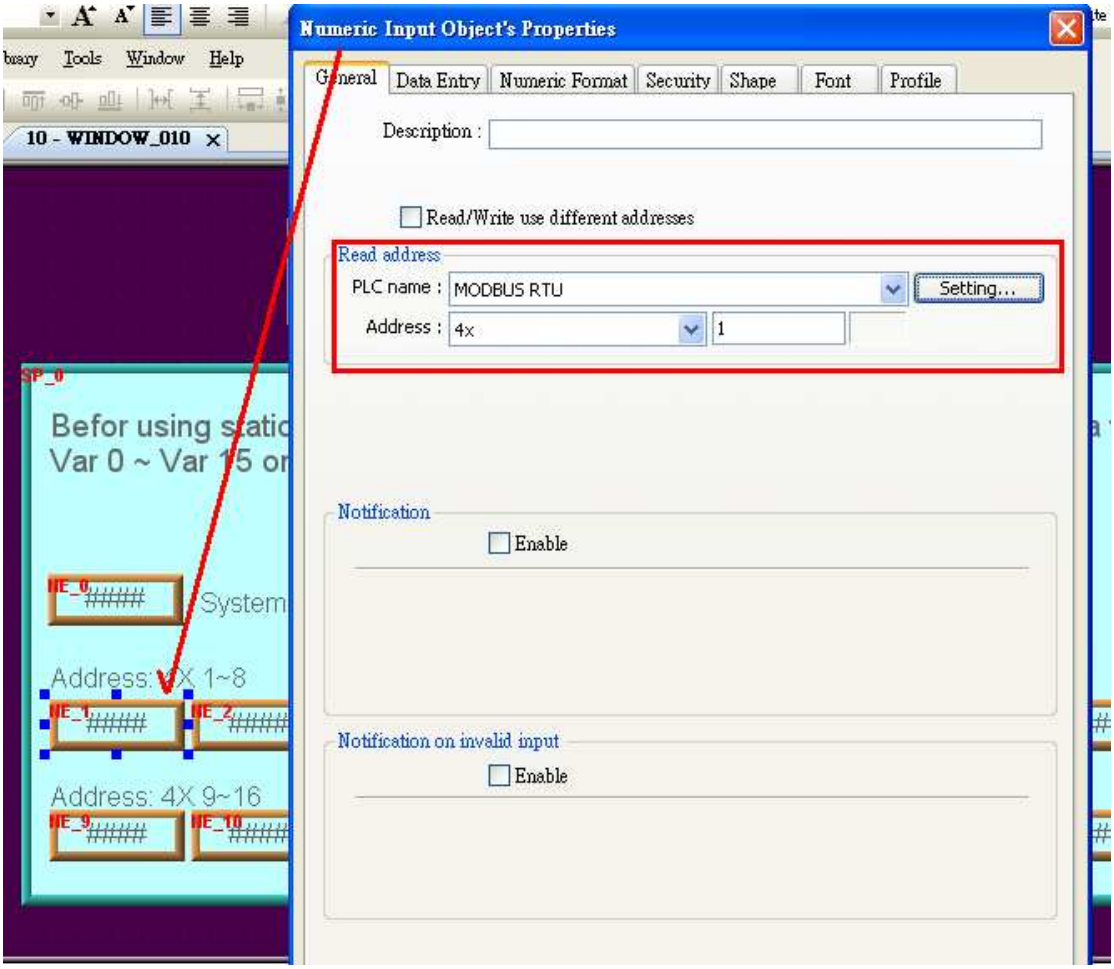


3. Create a Numeric Input object and click [Setting]. Tick [System tag] and select [LW10000 (16bit):var0 – station no variable (usage: var0#address)]. Click [OK] to exit the setting window.



4. Create 16 Numeric Input objects

In the [Read address], select Modbus RTU and then input 4X 1~4X 16 on the 16 Numeric Input objects in sequence.



3. Addresses

The addresses used in this demo project are listed below. Please change these addresses according to your system.

Addresses		Object's ID	Detail
Window 10			
Word	LW10000	NE_0	Assign PLC Station No.
	4x 1~4x 16	NE_1~NE16	PLC addresses