

# Demo Project of Station Variable

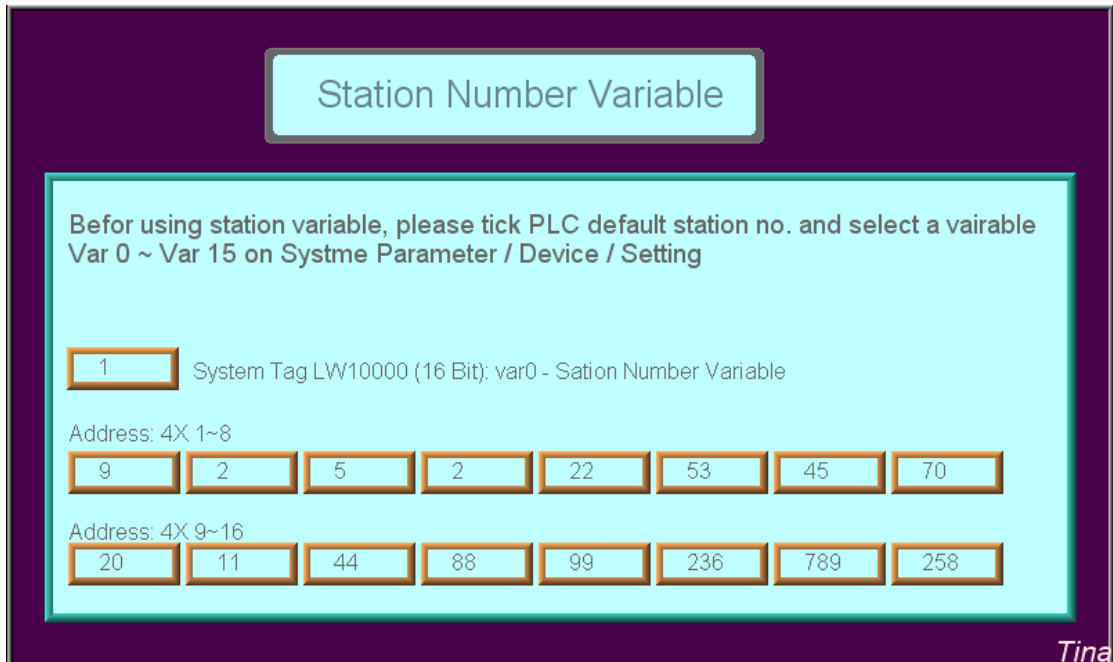
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## 1. Overview and Operation

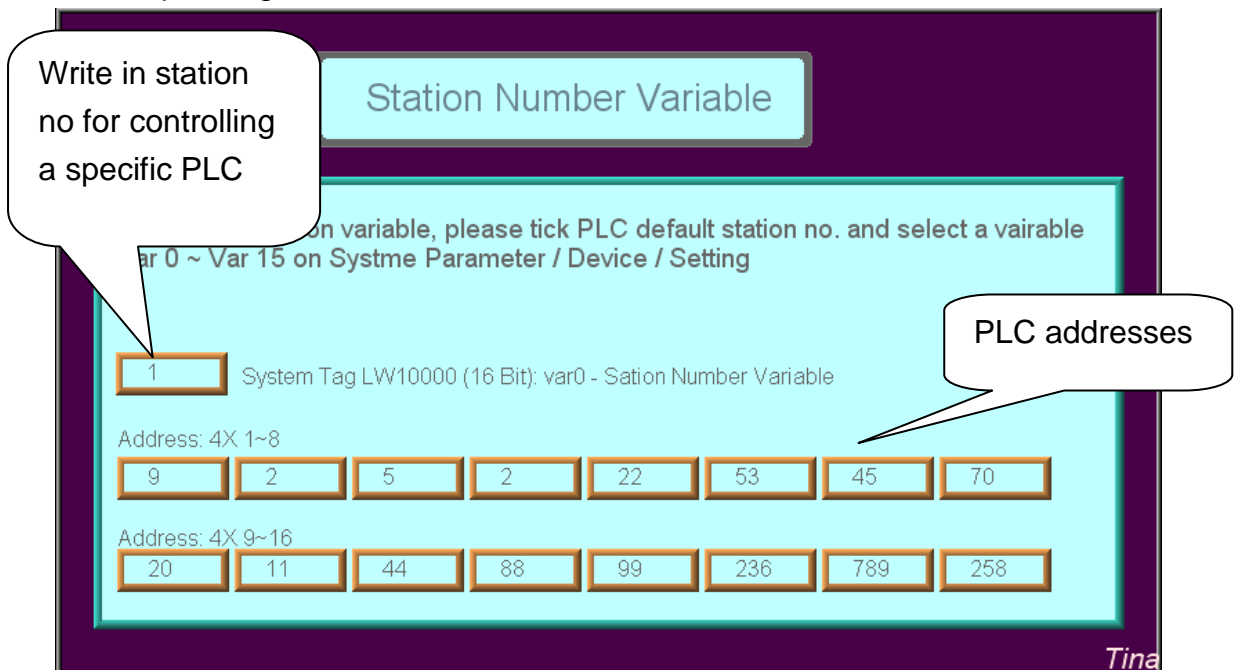
### [Overview]

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.

### Station Number Variable

Before using station variable, Var 0 ~ Var 15 on System Parameter Setting

Write 2 in station no for controlling station no. 2 PLC

System Tag LW10000 (16 Bit): var0 - Station Number Variable

Address: 4X 1~8

2	21	12	25	24	296	258	211
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Address: 4X 9~16

25	23	20	201	236	258	204	289
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*Tina*

### Station Number Variable

Before using station variable, Var 0 ~ Var 15 on System Parameter Setting

Write 10 in station no for controlling station no. 10 PLC

System Tag LW10000 (16 Bit): var0 - Station Number Variable

Address: 4X 1~8

12	2	52	100	0	35	258	123
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Address: 4X 9~16

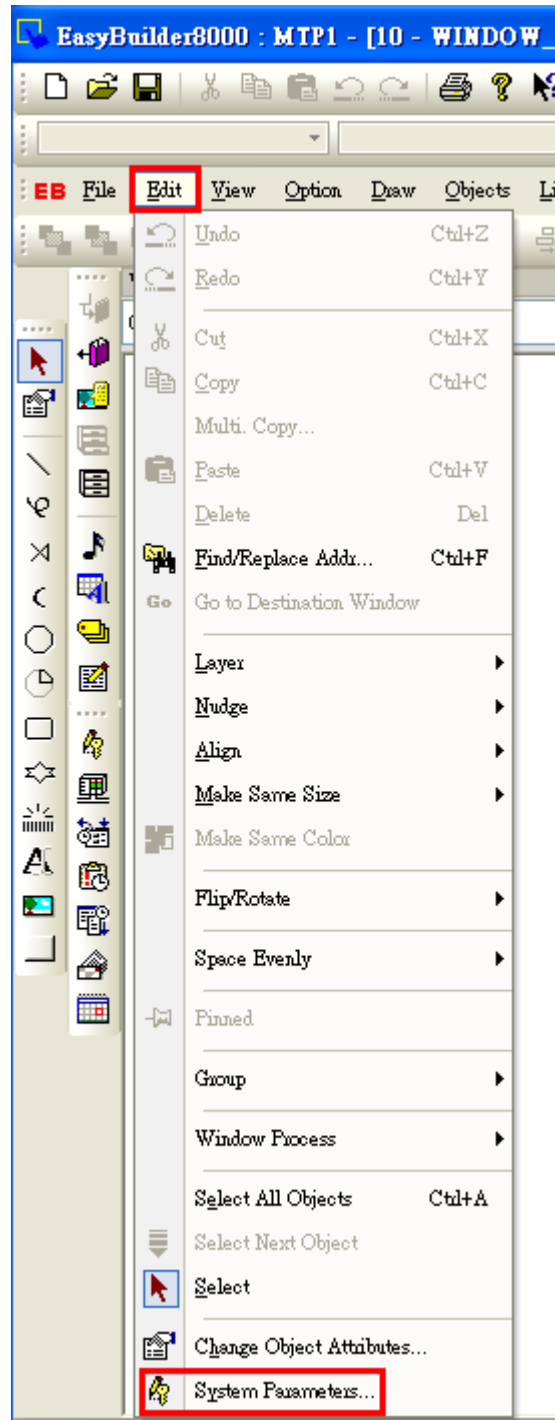
23	14	23	69	3	65	54	58
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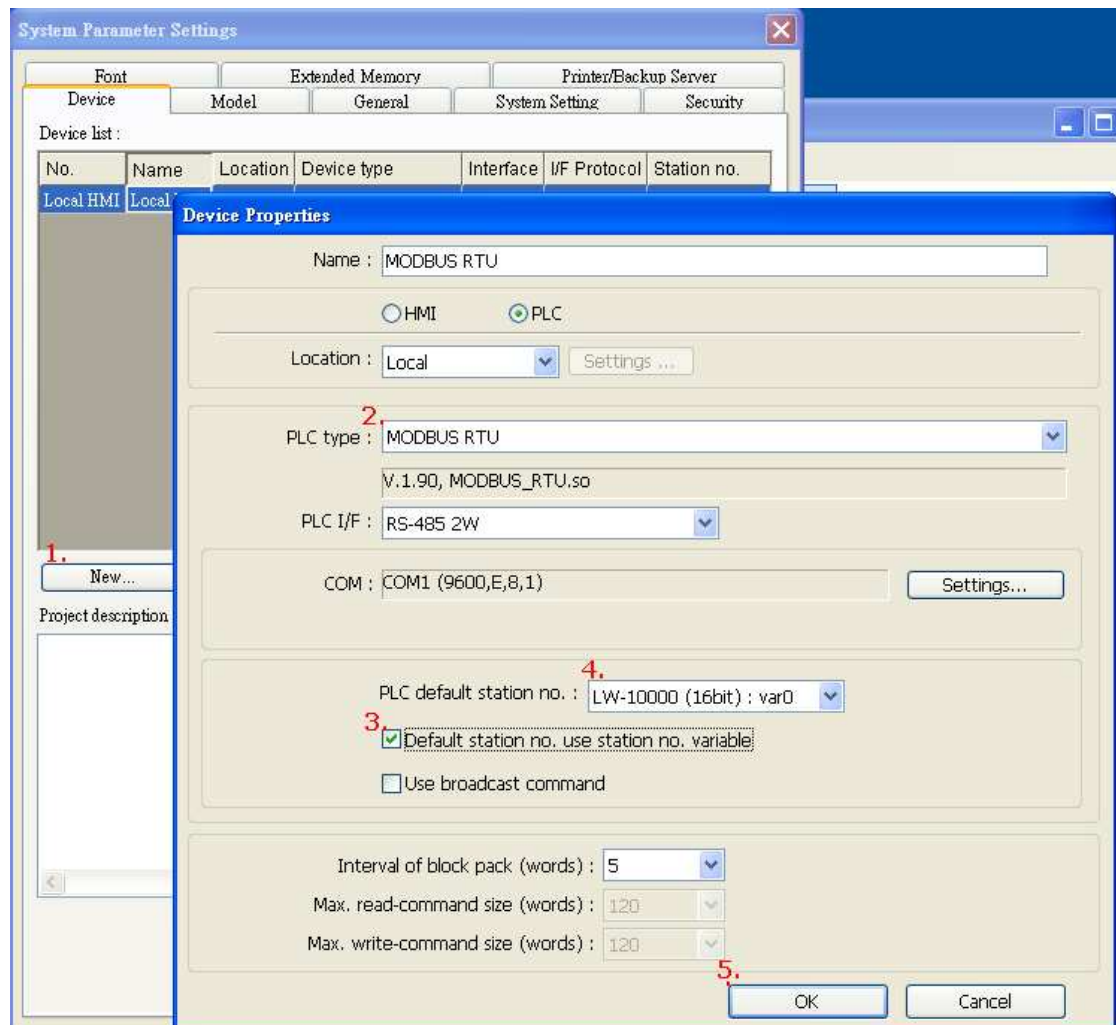
## 2. Setting up the screen

Set this feature in the project file as follow.

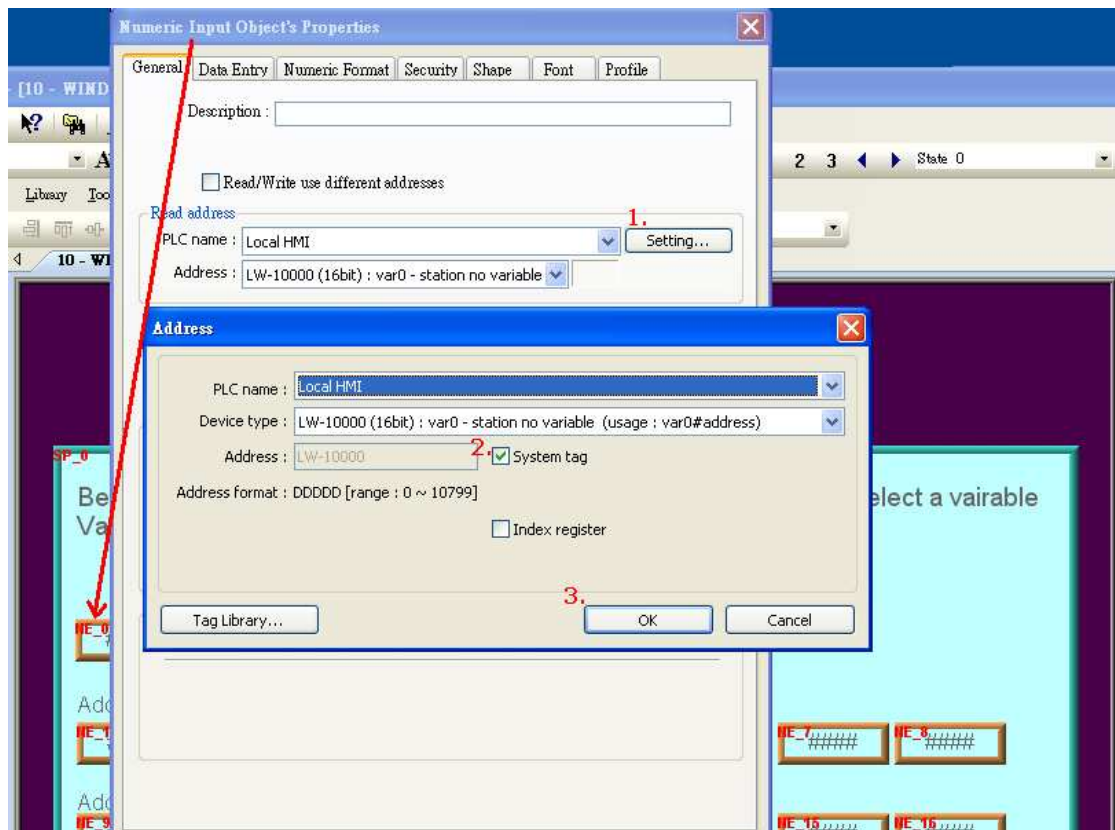
1. In the Edit area, click "System Parameters".



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.

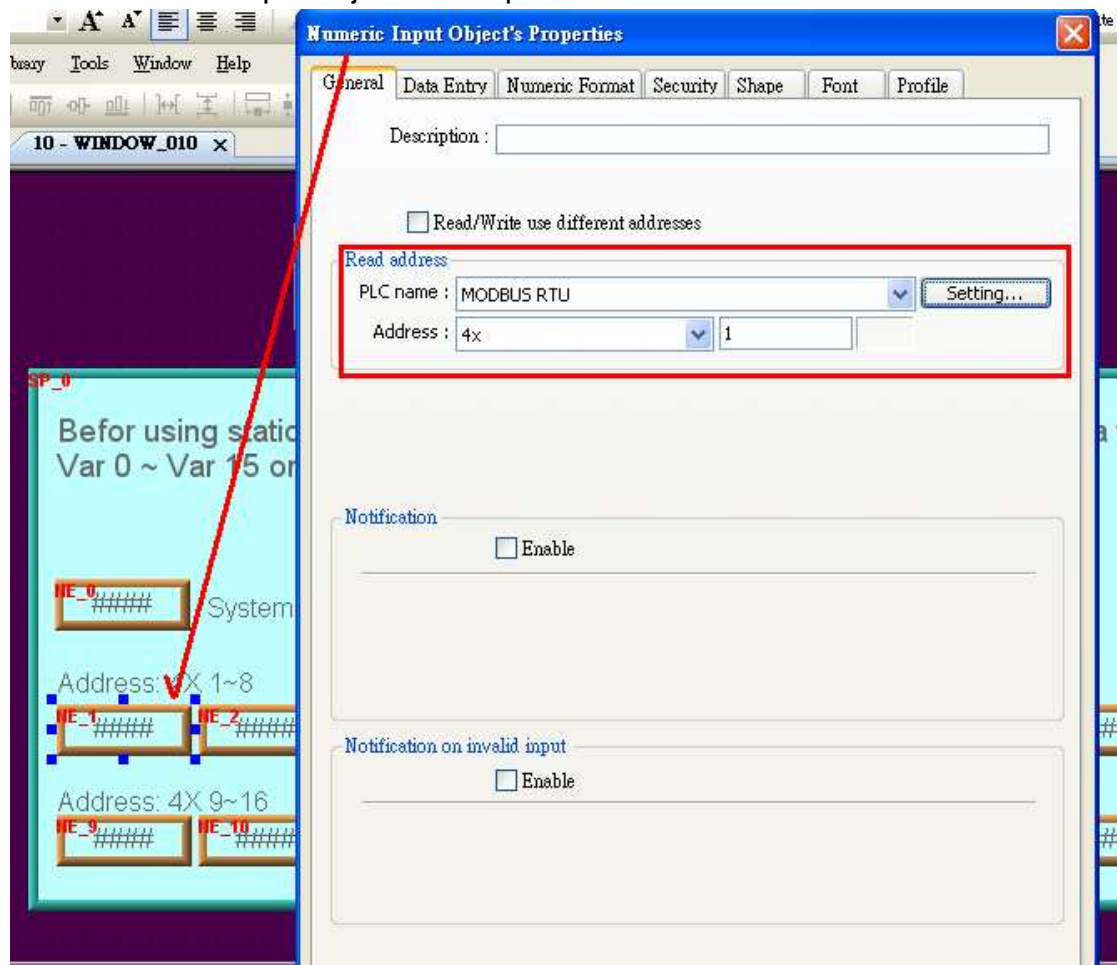


3. Create a Numeric Input object and click [Setting]. Tick [System tag] and select [LW10000 (16bit):var0 – station no variable (usage: var0#address)]. Click [OK] to exit the setting window.



#### 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