## Chapter 2 Status observation

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Chapter 2 Status monitor

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## Image of status observation

By using the status observation tool, status of participating node and the data of PLC device can be monitored in PC when the basic setup (participating node, symbol registration and NPX save) is done.



Refer to the Reference Manual "Chapter 27 Field status to be confirmed easily" for each details.







Status of each participating node is monitored.



- ① Click the [Status monitor].
- ② The window of "Status-Monitor of Pro-Server EX" is displayed. Click the "Update the information of all nodes".
- 3 The status of each display item on the right-hand side of the window is updated.

The following items are displayed.

Tag scan time, Device communication cycle time, Device communication error count, Device communication error number, Error time, 2WAY error number, System version, 2WAY version, Protocol version, Model.



- 2-4 -



Data of PLC device address is monitored.

From the symbol sheet created to each participating node, the data of the continuous following addresses can be read and written by specifying the first address.



- 1 If Device monitor is clicked, the window of "Device-Monitor of Pro-Server EX" is displayed.
- ② Select participating node.
- 3 Select connection unit.
- (4) Select first device from symbol sheet.
- (5) Data of continuous address will be displayed in the window.

6 If display cell of each data is double clicked, the window as shown in the right figure will be displayed and the data can be written.

	D00050	X
6	1 0	Address Hold
	<u> </u>	

※ Refer to the appendix for the details regarding the screen for practical work.





Data of PLC device address is monitored in the same way as Device monitor. In symbol monitor, only the registered data of symbol sheet can be displayed and only the items which are to be displayed from discontinuous device can be displayed by selecting them.

Symbol Monitor				
2 Symbol - Monitor of Pro-Server EX	3		4	
	vice/PLC PLC1	Device Address	Sheet3	P 🦗
G G Symbol Data type 		Count	+00	+01 +01 0 0
MO001_BIT_Bit MO002_BIT_Bit	+ M0000 + M0001 + M0002	1		(5)
			<b>I</b>	

- If symbol monitor is clicked, the window of "Symbol-Monitor of Pro-Server EX" will be displayed.
- 2 Select the participating node.
- 3 Select the connection unit.
- (4) Select the symbol sheet.
- (5) The data for each symbol will be displayed in window.

6 If display cell of each data is doubleclicked, the window as shown in the right figure will be displayed and the data can be written.

D00050			
1 0	)   4	Address Hold	
			_

 $\overset{}{\times}$  Refer to the appendix for the details regarding screen for practical work.

(6)



