

## EasyBuilder 8000 Release Note

### Named rule of EB8000 version

For example: V2.0.0

The first digit : The project which created or opened by the version is not compatible with old version.

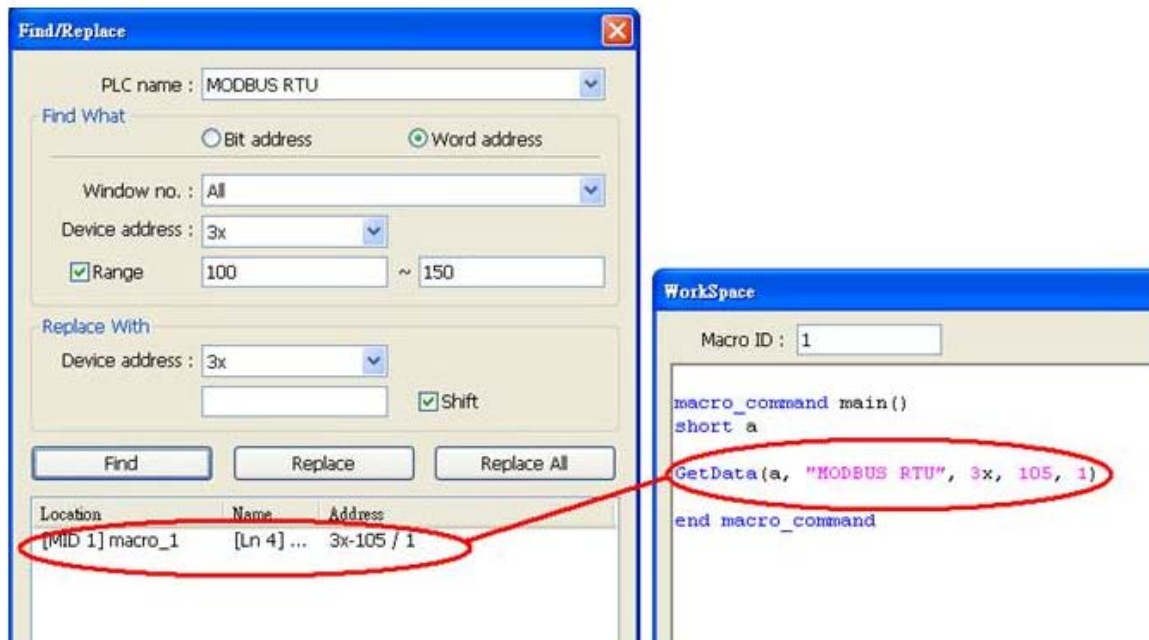
The second digit : Adding New feature or new driver

The third digit : Fixed bugs

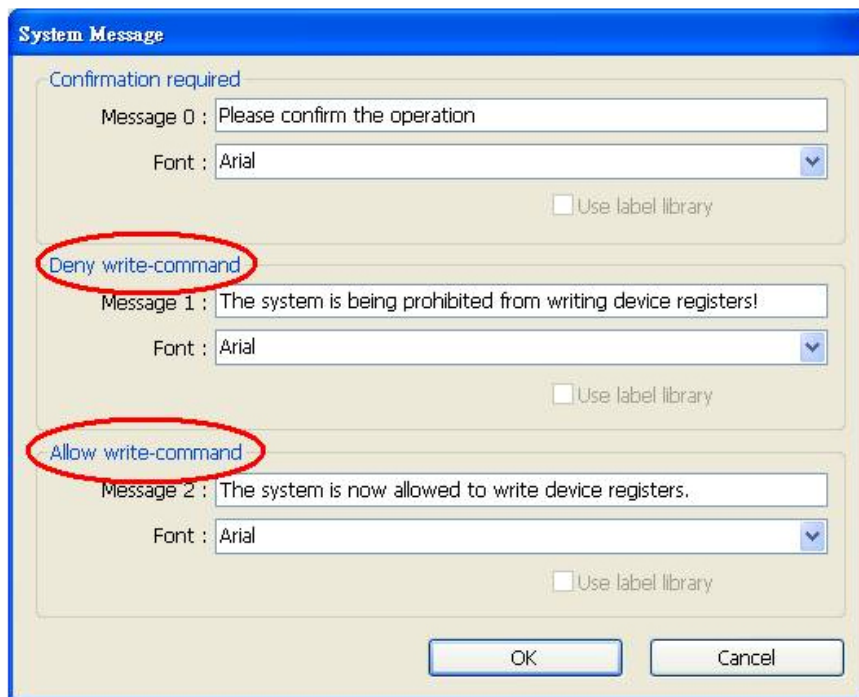
Version 4.2.0 2010/9/6

### [New Features EB8000]

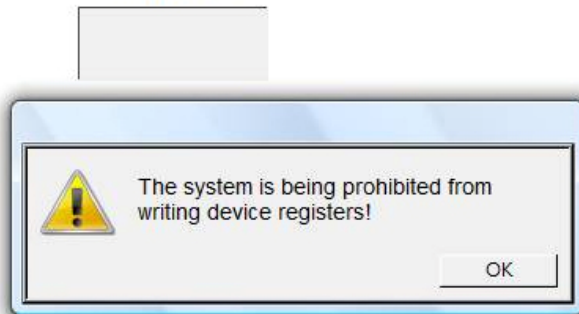
1. [Edit]-> [Find] function under Menu can search/replace addresses used in MACRO.



2. Add LB9049 – disable (set OFF)/ enable (set ON) watch dog  
When set ON, HMI will restart after system halts for more than 10 seconds.
3. Add LB9196 – local HMI supports monitor function only (when ON)
4. In [System Message] object, Message 1 and Message 2 can be used to define messages appear when using LB9196. Please refer to EasyBuilder 8000 User's Manual "Chapter 13 Objects" for more detail.



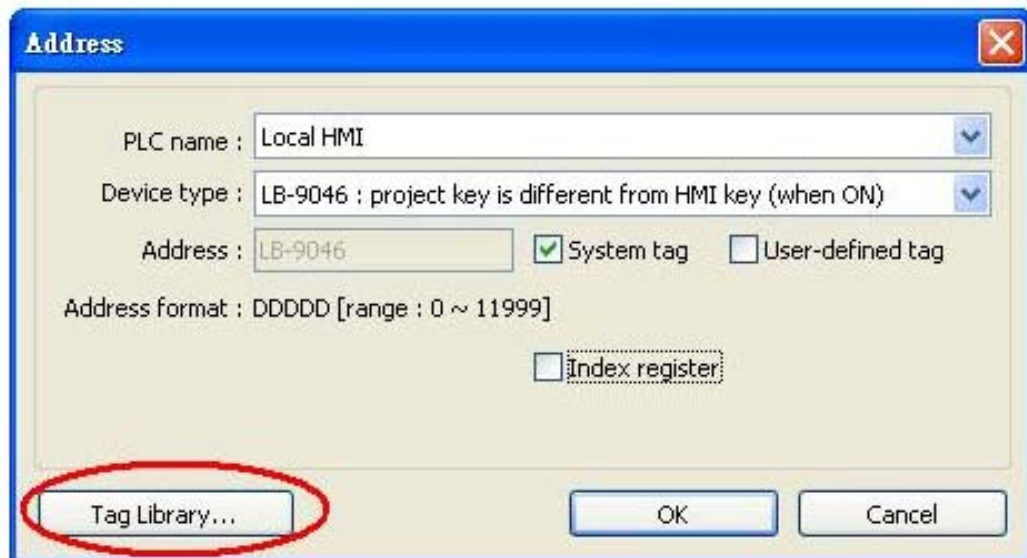
LB-9196



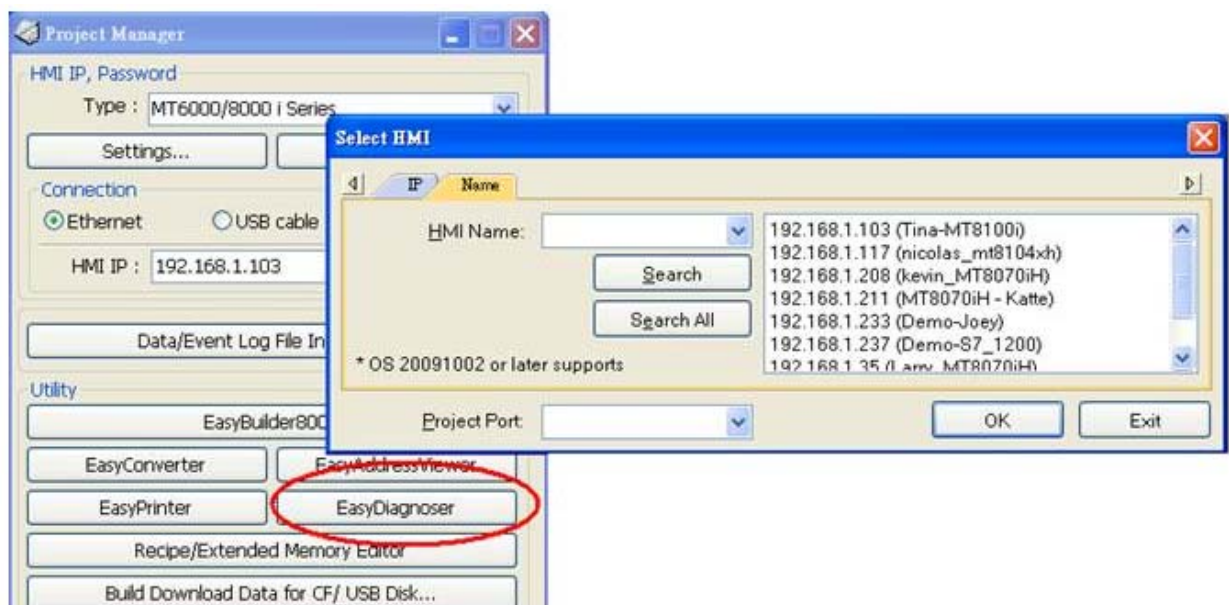
LB-9196



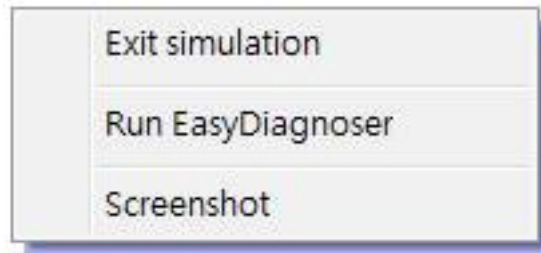
5. Add LB9197 – supports monitor function only for remote HMIs (when ON)
6. Add LB9198 – disable local HMI to trigger a MACRO (when ON)
7. Add LW9026~9028 Display built date of OS in HMI.
8. Add [Tag Library...] button in address setting dialogue box. This can open [Address Tag Library] dialogue box for users to modify/add/select address tag.



9. Parity of COM Port communication parameter now has SPACE option.
10. MACRO now has TRACE function, which can be used with EasyDiagnoser for viewing executing results of TRACE. The illustration below shows when adding TRACE command in MACRO, and executing Off-line or On-line simulation, right click and select "Run EasyDiagnoser" will enable users to view current value in LW-0. The way to use TRACE is illustrated in EasyBuilder 8000 User's Manual "Chapter 18 Macro".
11. Add LB9059 – disable MACRO TRACE function (when ON)  
When set ON, the output message of TRACE won't be sent to EasyDiagnoser.
12. Add AB Data Type Editor.exe for editing Structure typed data of AB. Please refer to "Chapter 34 AB EtherNet IP Free Tag Names" for more detail.
13. Project Manager can now directly execute EasyDiagnoser.exe, and select HMI to monitor communication status. Please refer to "Chapter 33 Easy Diagnoser" for more detail.



14. When executing on-line/off-line simulation, right click to use two new functions :

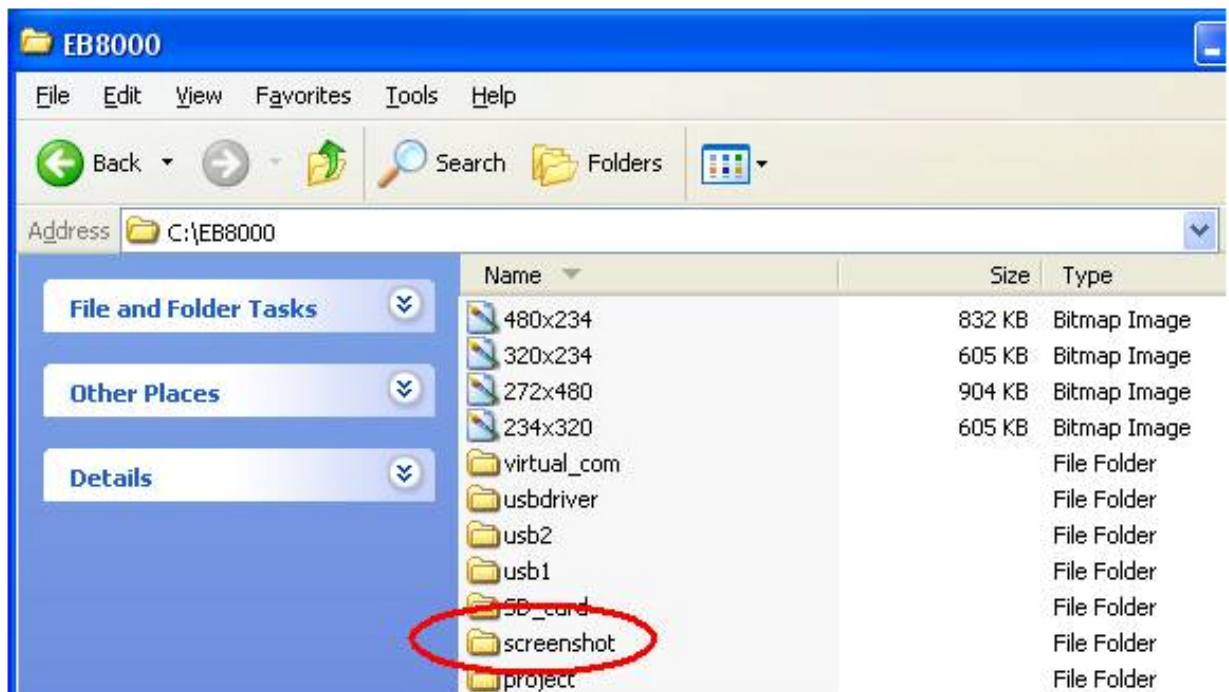
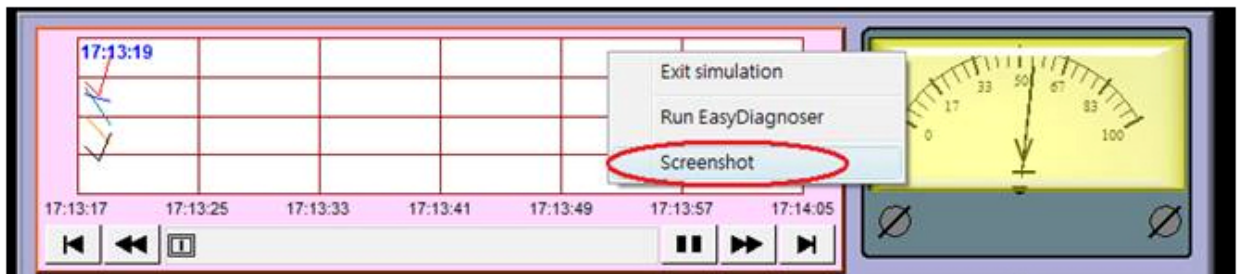


a. "Run EasyDisgnoser"

Execute EasyDiagnoser to monitor current communication status.

b. "Screenshot"

Capture and save current screen image as picture file in the screenshot folder under installation directory.

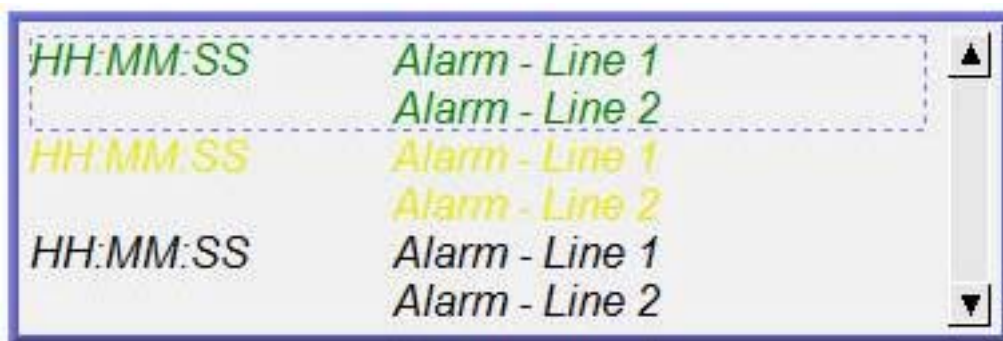


### [Corrections-EB8000]

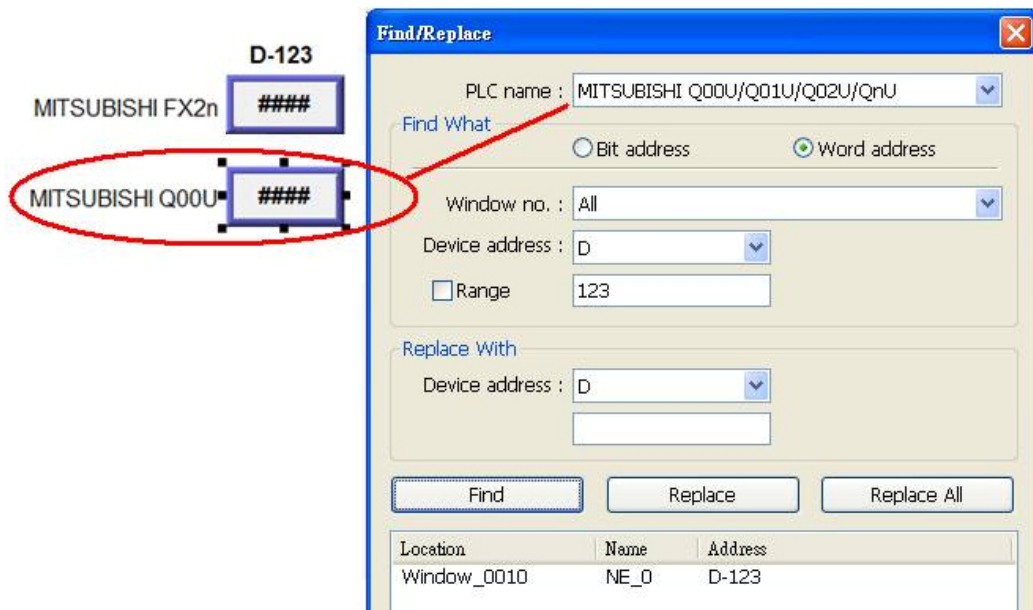
1. Prevent HMI from being locked up when repeatedly operating LB9020.
2. Objects: Function key, Multi-state, Option list, Data transfer (trigger based), Backup can now save Security/Display confirmation request.



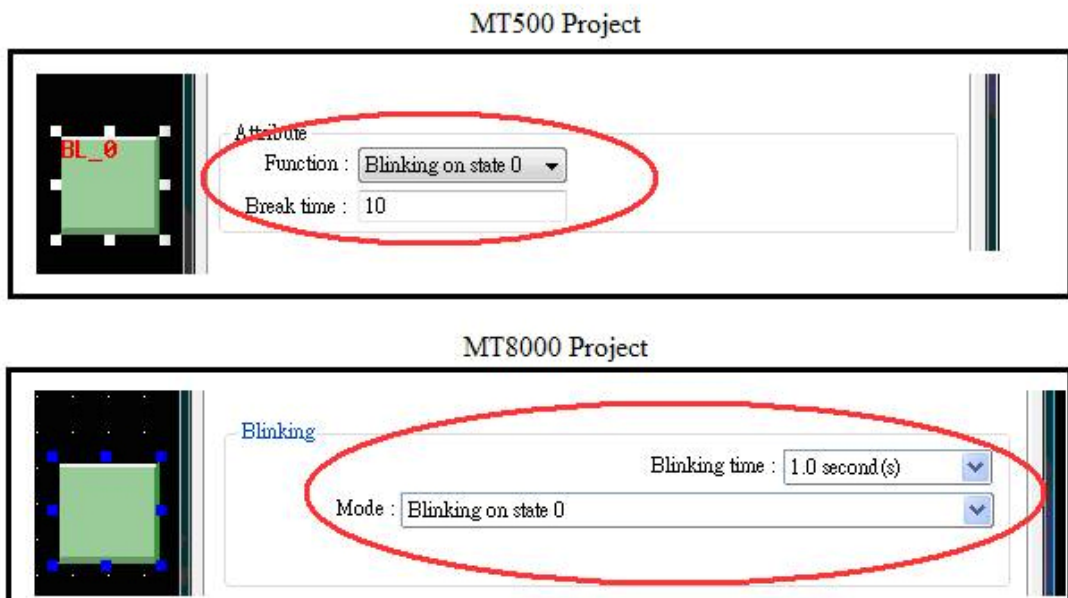
3. System will no longer be locked up when operating objects in Direct Window, if Confirm Dialog box appears, close Direct Window immediately, then click [Yes] in the dialogue box.
4. Label text used in the title of [History Data Display] object can now be decompiled.
5. When using multi-lined text in the Message of Alarm/Event Display, EasyBuilder8000 can now correctly display the content of the Message.



6. Easy Printer/Backup Server can now correctly backup RW data to PC.
7. [Edit]-> [Find] function under Menu can now distinguish different PLC device types that are with same name.



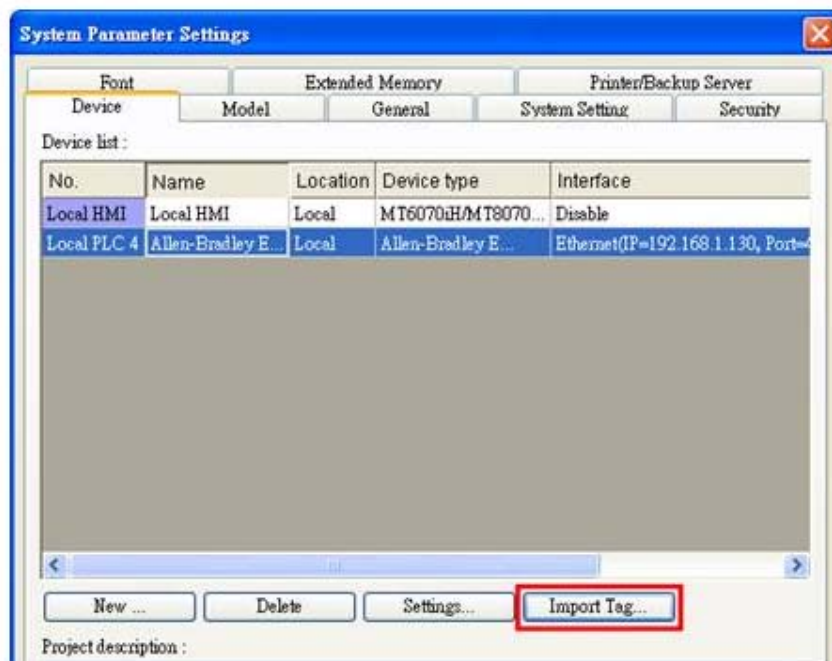
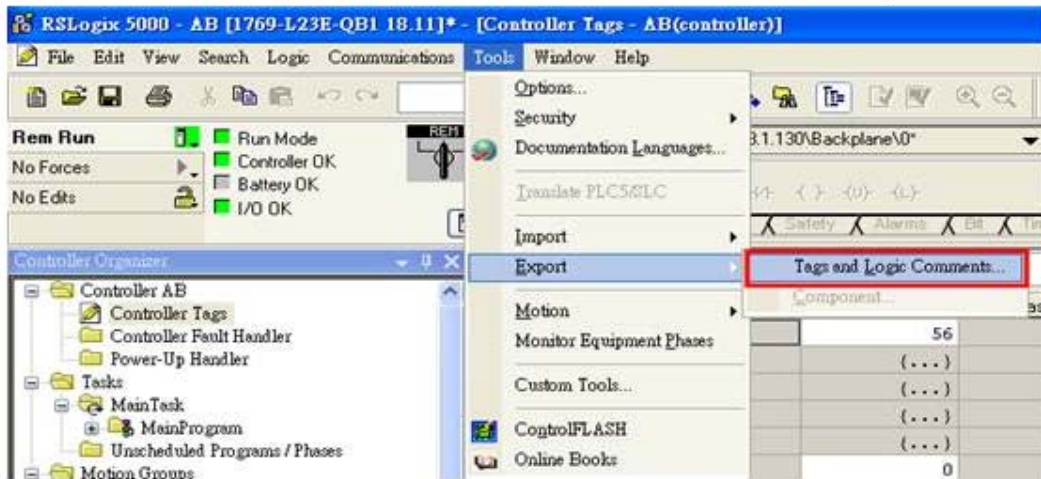
8. The Maximum number of PLC can be connected to each HMI is now increased to 64.
9. When status is restored, the firstly triggered alarm displayed by Alarm Display object can now be erased immediately.
10. When translating MT500 project file, the property of Bit Lamp object can now be correctly translated.



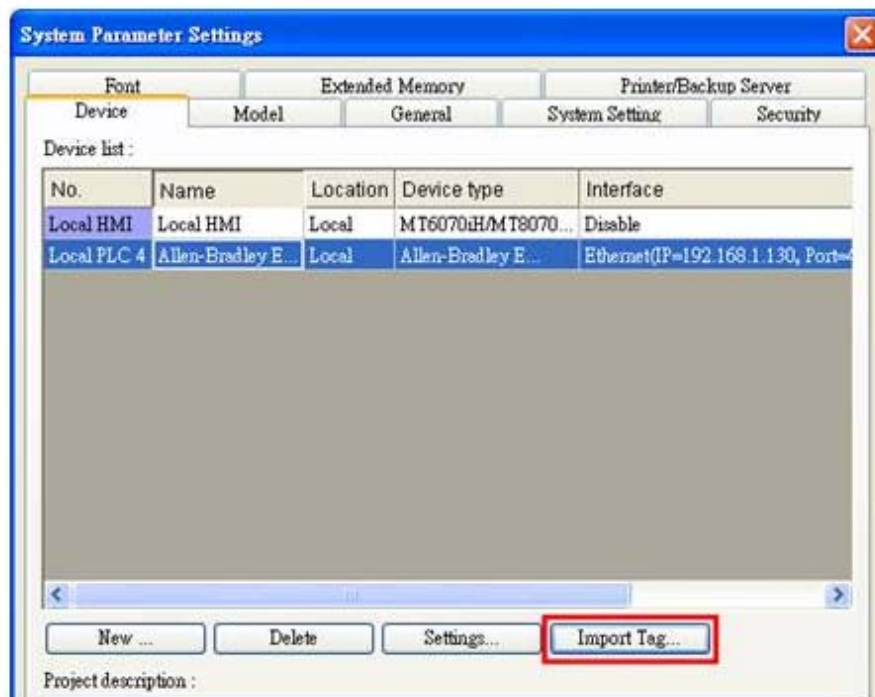
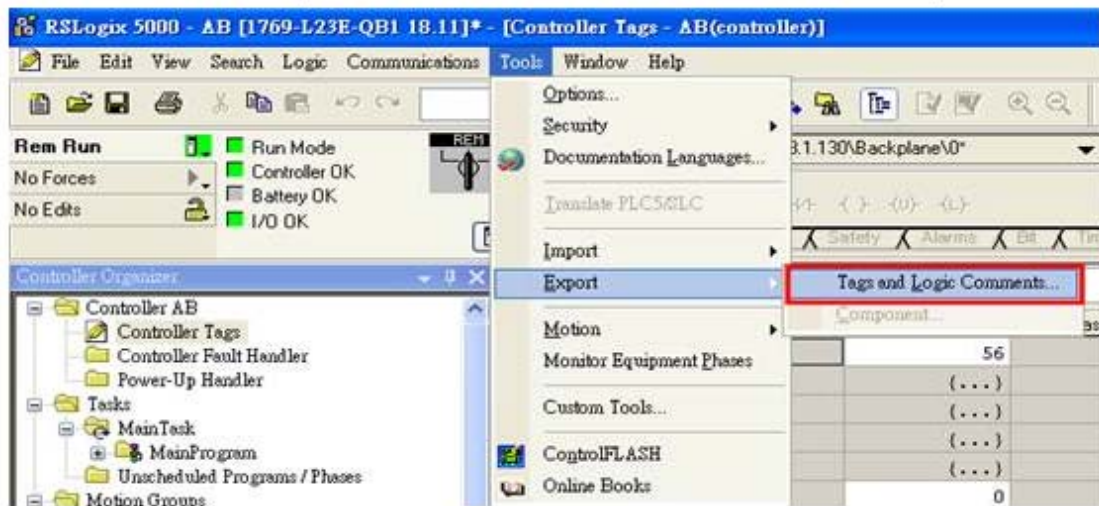
11. The MAC content can now be correctly displayed by LW9135~9140 even if HMI didn't get the IP from DHCP.
12. Direct Window, Indirect Window, Popup Window can now use Underlay Window function.

## [New Features Driver]

1. FATEK driver supporting Batch Read function, which efficiently makes communication speedier.
2. Allen-Bradley EtherNet/IP (CompactLogix/ControlLogix) –
  - Free Tag Names driver supporting read and write address in Structure.
  - Export PLC Tags data to CSV file, then import CSV file to EB8000.Tag address can then be used. Please refer to Chapter 34 AB EtherNet/IP Free Tag Name.



3. MODBUS RTU (0x/1x Range Adjustable) driver can set address range of 0x/1x to different station numbers. Please refer to "PLC Connection Guide" for more detail.



#### 4. SAIA SBUS (Ethernet)

##### [Corrections-EB8000 Driver]

1. Mitsubishi QnU Series (RS232 Port) can now be used in Toggle Switch object.
2. Address Index\_Bit of SEW Movilink driver can now operate properly.