

Software Version : EasyBuilder Pro V5.01.04

New Features

EasyBuilder Pro

1. Supports changing PLC Model from **Siemens S7-1200/S7-1500 (absolute addressing)** to **Siemens S7-1200/S7-1500 (absolute addressing)** in the project.

When changing the PLC model, the program will require importing tag information again. After import, the address tag library will be built in the program, and the addresses used by the S7-1200 objects will be automatically changed to the tags in the library. Please note that the User Defined Data Type and Technology Objects cannot be changed by the same method.

Corrections

EasyBuilder Pro

1. Fixed the problem where the windows in the EasyBuilder8000 project cannot be copied.
2. Fixed the problem where the monopoly feature of the popup windows does not work properly.
3. Fixed the problem where the communication between HMI and PLC stops when importing recipe data for the recipe database from a USB drive.
4. Fixed the problem where the amount of data transferred by using PLC Control object does not match the setting.
5. Fixed the problem where the time-out waiting time may be unusually longer if the length read by INPORT function is shorter than the length set.
6. Fixed the problem where only WORD of data will be written when writing char data which is longer than one WORD using the RecipeSetData function.

7. Fixed the problem where importing label tags from an Excel file which was exported in the Label Tag library may yield an incorrect number of states.
8. Fixed the problem where data may be misread when using certain RFID devices.
9. Fixed the problem where the serial port will no longer communicate, and cannot be recovered by restarting HMI, as a result of loading a project file with incorrect model setting.
10. Fixed the problem where the output destination of Function Key object may be changed to SD card after decompilation when using [Remote Printer / Backup Server].

Utility Manager

1. Fixed the problem where the XE Series (with COM2) does not support pass-through feature.

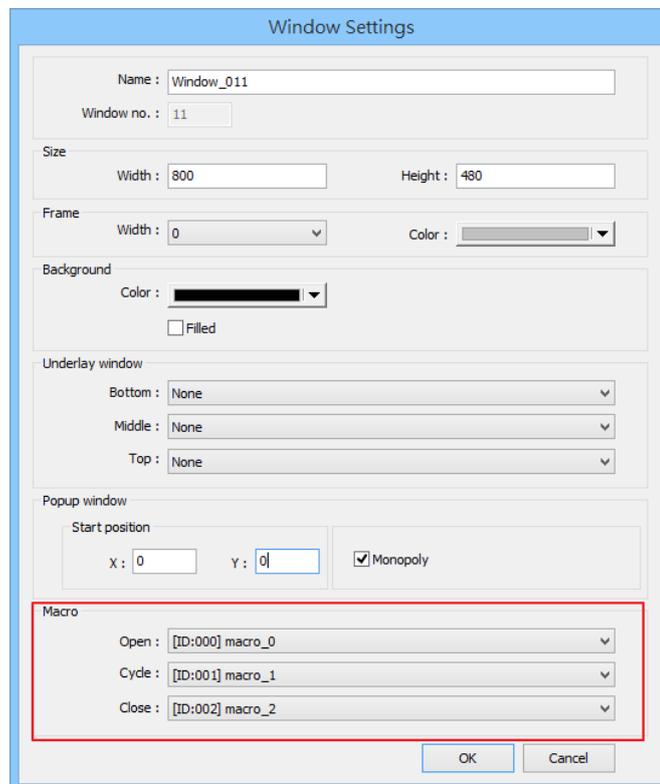
Drivers

1. Fixed the problem where **Siemens S7-1200/S7-1500 (absolute addressing)** driver samples data incorrectly. The data sampling values show all 0.
2. **OMRON Ethernet/IP (NJ Series)** driver has the following changes:
 - a. HMI will stop attempting to connect to PLC when connection fails, in order to avoid affecting communication due to overload.
 - b. Supports Sysmac Studio Ver. 1.1.
3. The tags in the project file of **BACnet BACnet/IP** driver can be exported as a file, and be imported again.
4. Fixed the problem where **Beckhoff TwinCAT PLC (Ethernet)-Free Tag Names** driver cannot correctly import the TcGVL file built by the new version TwinCAT3 (v3.1.4018.4).

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New Features

1. Added Macro group box in Window Settings dialog box for selecting the macro to be executed when the window opens, closes, or while it is still open.



The screenshot shows the 'Window Settings' dialog box with the following fields and options:

- Name: Window_011
- Window no.: 11
- Size: Width: 800, Height: 480
- Frame: Width: 0, Color: [Color Picker]
- Background: Color: [Color Picker], Filled
- Underlay window: Bottom: None, Middle: None, Top: None
- Popup window: Start position X: 0, Y: 0, Monopoly
- Macro (highlighted in red):
 - Open: [ID:000] macro_0
 - Cycle: [ID:001] macro_1
 - Close: [ID:002] macro_2

Buttons: OK, Cancel

Corrections

EasyBuilder Pro

1. Fixed the problem where a window with Monopoly attribute is covered and hidden under another window will make the screen in-operable.
2. Fixed the problem where Trend Display object does not display correctly from the setting of [Channel visibility control].

Drivers

1. Fixed the communication issue of 0x and 1x bit addresses of **MODBUS RTU** and **MODBUS TCP/IP** drivers or related drivers.
2. **Siemens S7-1200/S7-1500 (absolute addressing)** driver supports [Reserve existing tags]. This enables importing new tags or updating parts of existing tags.
3. **Siemens S7-1200 (symbolic addressing)** driver supports [Reserve existing tags]. Only DB blocks, I, Q, M area that contain selected tags will be overwritten. Confirmation dialogs for overwrite will pop up.