

Software Version : EasyBuilder Pro V4.10.05

## New Features

1. The eMT3105P, eMT3120A, eMT3150A models support USB Camera feature. Please use OS Ver. 20140701 or later.
2. The mTV model supports USB Camera feature. Please use OS Ver. 20140807 or later.
3. Added [Set ON/OFF after triggered] check box in Data Sampling settings dialog box.

Sampling mode

Time-based  Trigger-based

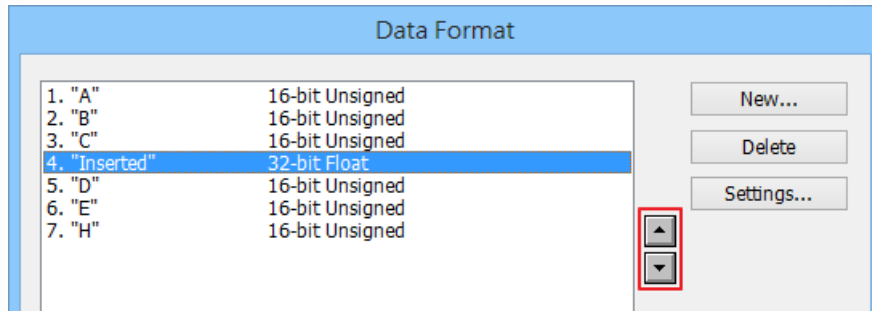
Mode : OFF->ON  Set OFF after triggered

PLC name : MODBUS RTU Settings...

Address : 0x 1

If this check box is selected, after triggering Data Sampling, the HMI will set the designated bit address ON/OFF.

4. Utility Manager supports downloading user-defined boot screen for mTV and iE Series.
5. Improved the speed of reading local registers: LW, RW, LB, EM...etc.
6. Optimized the compilation procedure, thus shortening the time needed to compile a project.
7. Macro function DEC2ASCII supports conversion of negative values.
8. Added [User restriction] feature for Numeric and ASCII objects whose [Allow input] is unchecked.
9. Supports changing the order of the data format in Data Sampling settings.



### Corrections

1. Fixed the problem where calling GetDataEx when HMI is unable to communicate with PLC may cause error for the subsequent Macro commands.
2. Fixed the problem where the warning message is not shown during compilation when entries in Event Log do not have appropriate Device Type set. (Usually happens when changing the PLC type.)
3. Fixed the problem where the watch line disappears when using a transparent background for Trend Display object.
4. Fixed the problem where capturing an image by using USB Camera when the memory is insufficient can cause CPU load to rise to 100%. The HMI may fail to operate in this situation.
5. Fixed the problem where VNC client cannot reconnect with HMI after repeated disconnection.
6. Fixed the problem where the communication may fail after opening a S7-1200 project created by EasyBuilder Pro V4.10.03 and repeating the get tag procedure.
7. Fixed the problem where the [UNICODE] and [Reverse low/high byte] settings of Event Log watch address are not reflected in the Excel file after export.



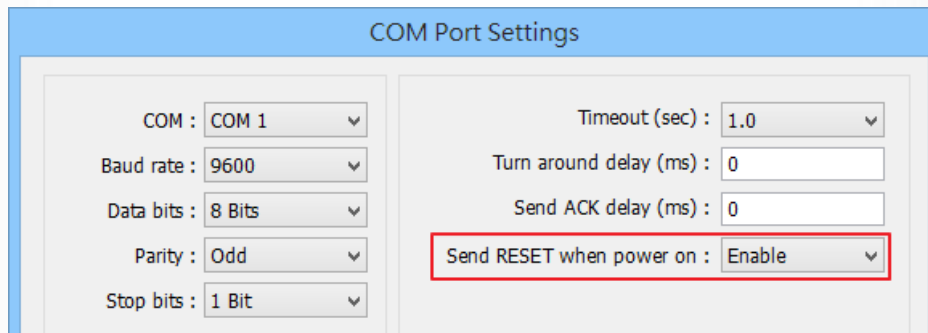
String  UNICODE  
No. of word : 1  Reverse low/high byte

8. Fixed the problem where an afterimage remains on the HMI screen when user changes windows rapidly.
9. Fixed the problem where certain double word addresses in Siemens driver cannot be correctly written. The affected drivers and the corresponding addresses are listed in the following table.

Driver	Double Word Address
<b>Siemens S7-200</b> <b>Siemens S7-200 PPI</b>	MD, VD, VD_Odd, SD, SMD
<b>Siemens S7-200 Smart PPI</b> <b>Siemens S7-200 Smart (Ethernet)</b>	VD
<b>Siemens S7-300</b> <b>Siemens S7-300 MPI</b> <b>Siemens S7-400 (Ethernet)</b>	MD, DBDn
<b>Siemens S7-300/ET200S (Ethernet)</b> <b>Siemens S7-300 (ISO Ethernet)</b>	MD, MD_Anyaddr, DBDn, DBDn_Anyaddr

## Drivers

1. Supports **Siemens S7-1200 Firmware 4.x**.
2. **SERVO BLDC (400/750WD)** driver is added.
3. **VIGOR VS Series** driver is added.
4. Fixed the problem where **Siemens S7-200 PLC** cannot communicate properly when switching the operation mode from Stop Mode to Run Mode.
5. Fixed the problem where the data cannot be correctly read due to noise interference when using **Mitsubishi Q00/Q00UJ/Q01/QJ71** driver.
6. Added [Send RESET when power on] option for **Mitsubishi Q00/Q00UJ/Q01/QJ71** driver. This feature is used for certain PLC types, which requires a reset during startup for communication to begin.



7. Fixed the problem where the Bit registers set by HMI cannot be controlled by PLC when using **VIGOR** driver.
8. Fixed the problem where HMI may not respond after reconnecting with PLC when using **Rockwell Micro 850** driver.
9. Fixed the problem where **Rockwell Free Tags Names** driver cannot use String data type.