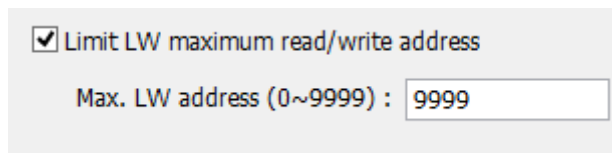**Software Version：** EasyBuilder8000 V4.65.13

Applied Models:

Removed HMI models: MT8104X, MT8104XH, MT8121XH, MT8150X

New Features

1. Added new Macro function: Buzzer(). Supported by OS Ver. 20140520 or later. Buzzer(on_off): When on_off ≠ 0, enable buzzer; when on_off=0, disable buzzer.

2. Added a warning message which is displayed when leaving EasyBuilder8000 without saving the modified picture library.

3. Added new Modbus Server setting. The maximum address range read/written by Modbus Client can be set.
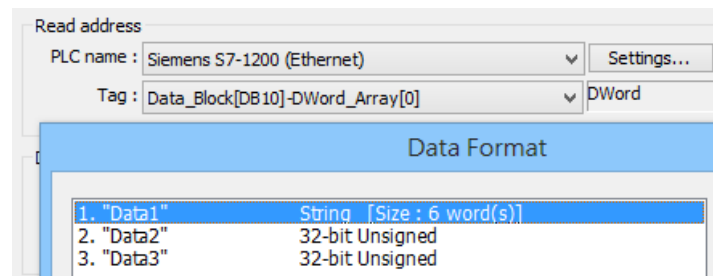
> ☑ Limit LW maximum read/write address
>
> Max. LW address (0~9999) : 9999

Corrections

1. Fixed the problem where Interlaced PNG graphics cannot be correctly displayed.

2. Fixed the problem where Bit address tags in the Excel file cannot be imported to Address Tag Library.

3. Fixed the problem where Printer/Backup Server of EasyPrinter may not work properly when executing Backup object.

4. Fixed the problem where certain Siemens S7-1200 tag information cannot be read successfully.

5. Fixed the problem where Event Log management has no effect on new events.

6. Fixed the problem where Macro security control may fail due to the change of user-defined tag names.

7. Fixed the problem where S7-1200 tag information cannot be collected via VPN.

8. Fixed the problem where the tags of Rockwell - Free Tags driver cannot be selected.

9. Fixed the problem where the Macro function, GetError(), may get incorrect error code during execution.

10. Fixed the problem where Word Lamp shows incorrect state when offset is a negative value.

11. Fixed the problem where the data sampling steps following a String data failed when an Array tag was selected as the read address of a Data Sampling object. As shown in the following figure, since "Data 1" is a String, Data Sampling could only record "Data 1" before this release.

Drivers

1. **KEYENCE KV-3000** driver is added. The driver supports Pass-Through feature.

2. **Rockwell Micro850 (Ethernet) - Free Tag Names** driver is added.

3. Improved the communication speed of **SIEMENS S7-200** and **SIEMENS S7-200 PPI** drivers.

4. **MODBUS RTU** driver:

    a. The following device types are added: 3x_MAX1W, 3x_MAX2W, 4x_MAX1W, 4x_MAX2W. The MAX1W device type reads one word per packet whereas MAX2W device type reads two words per packet.

    b. Supports the communication between HMI and PLC under Pass-Through mode.

    c. In the data replied from PLC to HMI, if the station number does not match the one in the command sent from HMI, the reply will not be accepted.

5. **MODBUS Server** driver supports error codes as follows:

Error Code	Definition	Condition
01	Incorrect function code	The function code is not supported.
02	Incorrect read address	The read address is not within the range.
03	Incorrect data	The data read is incorrect, for example, the data length is 0.

6. The **motrona CT-150** device types are added:

    a. 32 bit address: An_32Bit, Bn_32Bit, Cn_32Bit

    b. Parameter address: ERR_CNT, LV_VAL, PRTMARK_ERR, BAT_CNT, WASTE_CNT, LINE_SPD, ACT_CUT_LEN, ACT_CUT_ERR_M, ACT_CUT_ERR_L

7. **Siemens TI505 (Ethernet)** device type VD is added for reading / writing 32 bit data of V register.

8. In *OMRON CP/CS/CP* and *OMRON CJ/CS/CP (Ethernet –FINS/TCP)* drivers, the W_Bit command is changed to Set Bit command instead of Force Bit command.

9. Fixed the communication issue of *OMRON EtherNet/IP (NJ Series)* driver.