

### Software Version : EasyBuilder Pro V6.07.02.191.Preview

#### New Features

##### EasyBuilder Pro

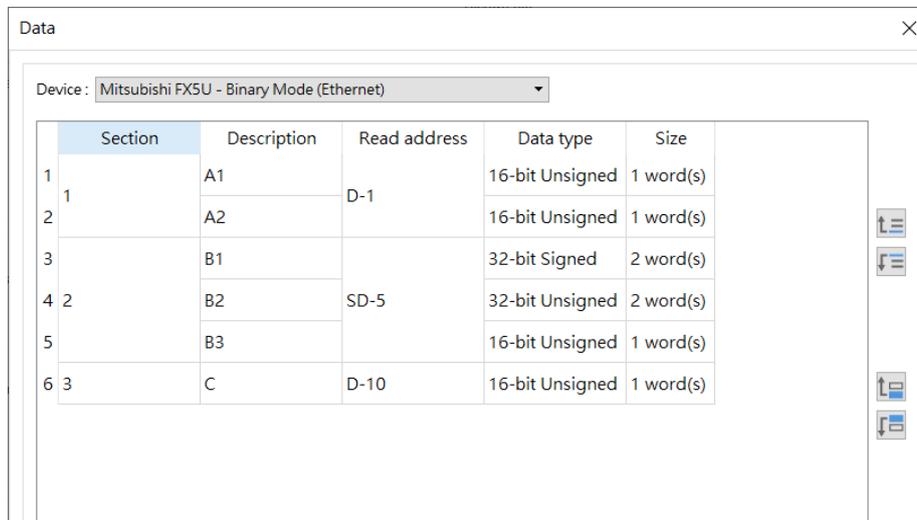
1. Added horizontal scrolling shortcut: Shift + mouse wheel.

##### cMT/cMT X Models

##### 1. [Data Sampling]

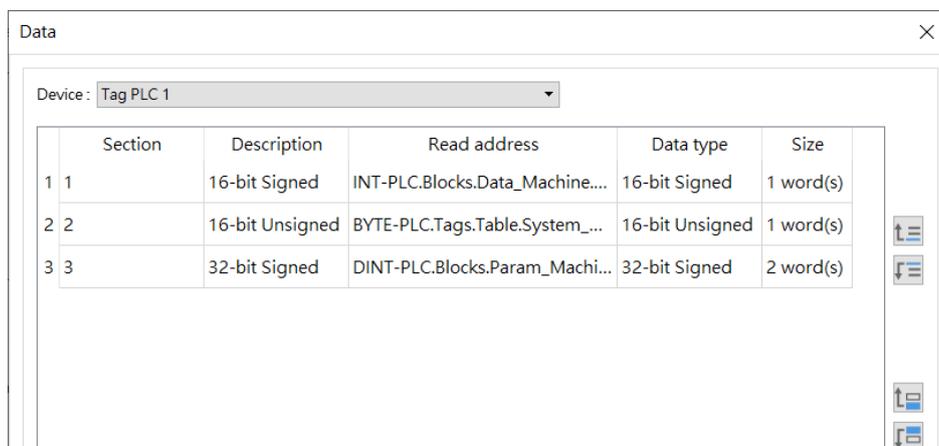
For selected drivers, reading addresses of different sections at a time is possible.

Example 1: General addressing. The following setting aims to read D1~D2, SD5~SD9, D10 at a time.



Section	Description	Read address	Data type	Size
1	A1	D-1	16-bit Unsigned	1 word(s)
2	A2		16-bit Unsigned	1 word(s)
3	B1	SD-5	32-bit Signed	2 word(s)
4	B2		32-bit Unsigned	2 word(s)
5	B3		16-bit Unsigned	1 word(s)
6	C	D-10	16-bit Unsigned	1 word(s)

Example 2: Tag-based PLC. The following setting aims to read multiple address tags at a time.



Section	Description	Read address	Data type	Size
1	16-bit Signed	INT-PLC.Blocks.Data_Machine...	16-bit Signed	1 word(s)
2	16-bit Unsigned	BYTE-PLC.Tags.Table,System_...	16-bit Unsigned	1 word(s)
3	32-bit Signed	DINT-PLC.Blocks.Param_Machi...	32-bit Signed	2 word(s)

##### 2. [User-defined tag]

Added support for conversion of data formats of different sizes; for example, 16 /32bit value 0 can be converted to Boolean False, and Boolean True can be converted to 16 / 32bit value 1, and vice versa.

### 3. [Trend Display]

Watch line can be hidden after a set period of time.

### 4. [2D Barcode Display]

Added [Reverse high / low byte] setting.

### 5. [System Parameters]

Added [Adaptive DPI scaling] option which can automatically adjust the size of the contents according to screen DPI for Trend Display, Event Display, and Option List...etc.

### 6. [Set Word]

Added Bounce action mode.

### 7. [Popup Window] [Direct / Indirect Window]

The caption in the title bar can display text, taken from Label Tag Library.

### 8. [Import / Export]

On cMT-SVR, Recipe Database can be imported / exported by using this feature.

### 9. [MQTT]

a. Added support for MQTT v5.

b. (Topic Subscriber) Added [Accept null] option.

c. (Topic Subscriber) Added [(Ending string) Permit data smaller than the preset size] option for raw data.

### 10. [Recipe Database]

Objects using Recipe related addresses can be copied without losing information between projects provided that these projects have the same database settings.

### 11. [Contacts Editor]

Added support for Enable/Disable settings (in security tab).

### 12. [Operation Log]

User login / logout activities can be recorded.



### 13. [Event Log]

Added system registers relating to the number of alarms of each priority level: LW-11763~LW-11766.

### 14. [WiFi]

Added support for 802.1X EAP TLS. Related settings can be found in System Parameters.

### 15. [Action Trigger (Per-page)]

Added trigger mode: Value Changed.

### 16. [Numeric]

The 16bit/32bit Unsigned user-defined tags can be displayed in HEX format in addition to the usual decimal format.

## cMT Viewer

- Added Screenshot option in the right-click menu.

## EasyConverter

- Added "Format v2" data presentation format for the event log. In Format v2, there are Acknowledge Time and Recovered Time columns; that is, the Trigger Time, Acknowledge Time, and Recovered Time of an event can be displayed in the same row.

An example of Format v2:

Category	Trigger date	Trigger time	Acknowledge date	Acknowledge time	Recovered date	Recovered time	Message
7	2022/4/27	13:52:47	*	*	2022/4/27	13:53:05	Minor Alarm!! (4)
7	2022/4/27	13:52:53	*	*	*	*	Minor Alarm!! (2)
7	2022/4/27	13:52:59	*	*	*	*	Minor Alarm!! (3)
7	2022/4/27	13:52:59	*	*	*	*	Minor Alarm!! (6)
7	2022/4/27	14:16:38	*	*	2022/4/27	14:17:08	Minor Alarm!! (3)
6	2022/4/27	14:16:44	*	*	*	*	Major Alarm!! (1)
7	2022/4/27	14:16:50	*	*	*	*	Minor Alarm!! (4)

## Utility Manager

- Added cMT X Series OS Update tool.

cMT / cMT X models can now use the following features that were only available on former models.

### 1. [Backup]

This backup path can be used: datalog/foldername/{filename}

### 2. [Option List]

Date of history data can be used as the data source.

## Communication and Drivers

### 1. **[OMRON EtherNet/IP (NJ/NX Series)]**

Added support for the use of index registers.