

Software Version : EasyBuilder Pro V6.07.02.375

Feature Support

Devices listed in the table below require software update to this version or newer version to use MPI feature.

Model	Start of Serial Number (greater than or equal to)
MT8051iE	2210xxxxxx
MT8051iP	2211xxxxxx
MT8121XE3	
cMT-SVR-100	2212xxxxxx

Corrections

The following issues were addressed:

1. Scale objects may not be completely drawn under certain circumstances.
2. For Meter Display objects, the address tags with conversion/calculation function enabled cannot be correctly set.
3. OPC UA tags cannot be re-imported successfully.
4. The inner color of a shape used for an object may not be correctly displayed.
5. Applying space even across on objects of different sizes may yield unexpected result.
6. The reference lines of XY Plot is not correctly drawn.
7. The dynamic limits of XY Plot may derive from incorrect address settings.
8. The text color of History Data Display object may be incorrect in preview.
9. (cMT) The LB-9042 will automatically turn off after being triggered.
10. The X-axis grid line and scale color of Trend Display are not correctly drawn.
11. Added "Do nothing when disabled" setting in Contact Editor.
12. The "Auto escape special characters" setting of MQTT Topic Publisher is ineffective.

Communication and Drivers

1. [IEC 61850 MMS Server]

Added this driver.

2. [BACnet/IP]

MultiStateValue and BinaryValue support RelinquishDefault address.

3. [WEG PLC500 (Ethernet)]

Added this driver.

4. [VIPA 300S (Ethernet)]

Fixed import issue of S7P file.

5. [ODVA EtherNet/IP Server (Explicit Messaging)]

Added this driver.

6. [KEYENCE KV-8000 (Symbolic) (Ethernet)]

Added support for the use of index registers.

7. [Cimon CM3 Series]

Added this driver.

8. [OMRON EtherNet/IP (NJ/NX Series)]

Fixed an issue where index registers cannot be used for STRUCT.

9. [Mitsubishi FX5U]

Fixed data reading issues.

10. [Siemens S7-1200/S7-1500 (Absolute Addressing) Ethernet]]

Fixed an issue where strings may not be read in full under certain circumstances.

11. [Fuji SPH2000/3000 IEC Mode (Ethernet)][Fuji SPH2000/3000 Standard Mode (Ethernet)]

Added support for connection through communication modules.

Software Version : EasyBuilder Pro V6.07.02.320

Corrections

1. Fixed a data sampling issue where the history data of high priority ones cannot be saved.
2. Improved event log data synchronization for MS SQL.
3. Fixed miscellaneous issues that occur as a result of software upgrade such as: unintended configuration changes, disappearing settings, or error in file opening/decompilation...etc.

Communication and Drivers

1. **[CODESYS V3(Ethernet)]**

Added support for access to BIT that are within STRUCT.

2. **[Mitsubishi A1S/A2N]**

Added support for pass-through.

3. **[Panasonic FP/KW]**

Added support for tag import.

4. **[IDEC MicroSmart] [IDEC MicroSmart FC6A Series]**

- a. Added CP_32Bit and CC_32Bit data types.
- b. Added support for Upper Word/Lower Word for 32-bit data storage.

5. **[OPC UA Client]**

Added support for subscription of a large number of tags at a time.

Software Version : EasyBuilder Pro V6.07.02.273

New Supported Models

cMT3072X2
cMT3072XH2
cMT3072XHT

New Features

1. cMT-FHDX-820 supports PLC Web Browser (applicable to all V6.07.02 software released).
2. In Data Sampling, reading local addresses of different sections at a time is also possible now.

Corrections

1. Fixed an issue where project upload via Utility Manager could fail.
2. Fixed an issue where XY plot produces incorrect graphing results.
3. Fixed an issue where copying of recipe view object may fail.
4. Fixed an issue where objects associated with Data Sampling such as Trend Display may not display data properly when the data is synchronized to an external database.
5. Fixed an issue where incorrect error messages may appear during project download.

Communication and Drivers

1. **[SIGMATEK S-DIAS CPU (Ethernet)]**
Fixed an issue about data reading.
2. **[Mitsubishi FX3U/FX3G/FX3GA]**
Fixed an issue where cMT X series HMI might not be able to begin communication with the target PLC.
3. **[Barcode Scanner CDC/POS Mode (USB)]**
Added this driver (Model and OS restrictions apply).

Software Version : EasyBuilder Pro V6.07.02.235

Corrections

1. Fixed an issue where certain project files may take too long to open.

Communication and Drivers

1. **[Mitsubishi iQ-R Series (Ethernet)]**
 - a. Optimized communication efficiency.
 - b. Added Remote password setting
 - c. Added PLC Mode setting.

Software Version : EasyBuilder Pro V6.07.02.226

New Supported Models

cMT3108XH, cMT-SVRX-820/822, cMT-FHDX-820

New Features

EasyBuilder Pro

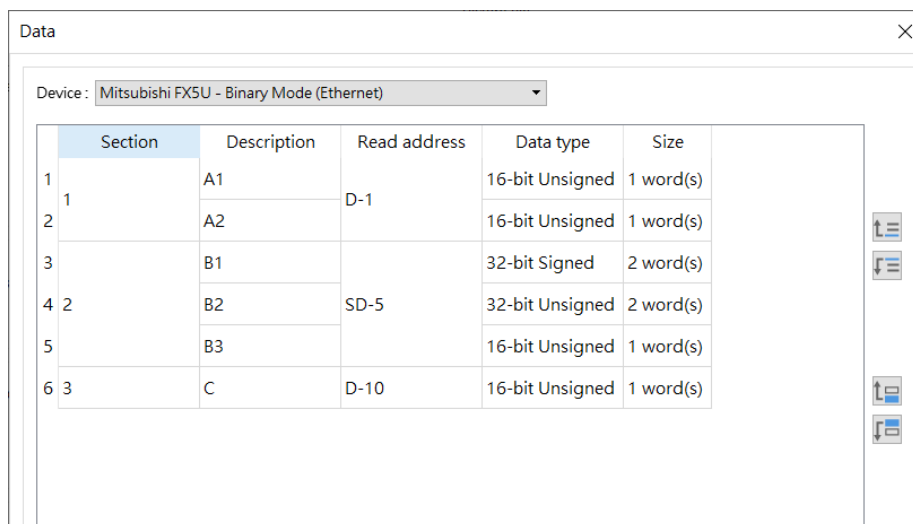
1. Added horizontal scrolling shortcut: Shift + mouse wheel.

cMT/cMT X Models

1. [Data Sampling]

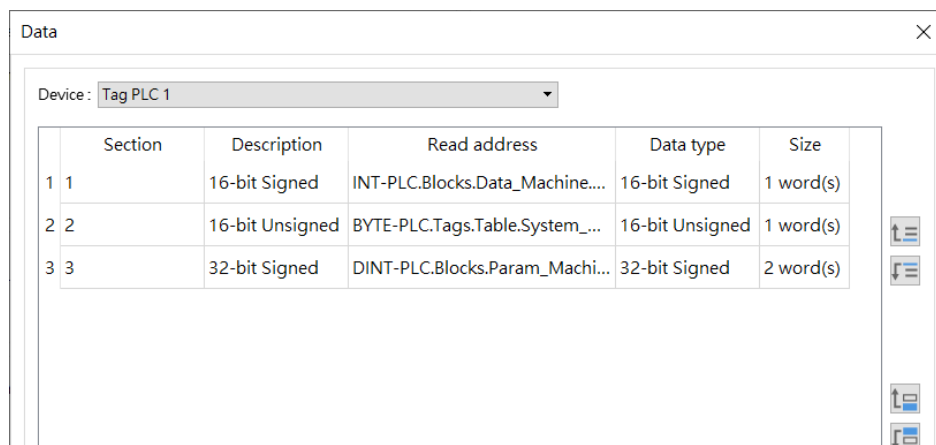
For selected drivers, reading addresses of different sections at a time is possible.

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

1. Added Screenshot option in the right-click menu.

EasyConverter

1. 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

1. 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.