

## Software Version : EasyBuilder Pro V6.07.01.496

### 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. The inner color of a shape used for an object may not be correctly displayed.
3. The reference lines of XY Plot is not correctly drawn.
4. The text color of History Data Display object may be incorrect in preview.

### Communication and Drivers

1. **[BACnet/IP]**  
MultiStateValue and BinaryValue support RelinquishDefault address.
2. **[Mitsubishi FX5U]**  
Fixed data reading issue.
3. **[Siemens S7-1200/S7-1500 (Absolute Addressing) Ethernet]]**  
Fixed an issue where strings may not be read in full under certain circumstances.
4. **[Fuji SPH2000/3000 IEC Mode (Ethernet)][Fuji SPH2000/3000 Standard Mode (Ethernet)]**  
Added support for connection through communication modules.

## Software Version : EasyBuilder Pro V6.07.01.470

### *Corrections*

1. Improved event log data synchronization for MS SQL.
2. 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.

## Software Version : EasyBuilder Pro V6.07.01.444

### *New Supported Models*

cMT3072X2

cMT3072XH2

cMT3072XHT

### *Corrections*

1. Fixed an issue where incorrect error messages may appear during project download.

### *Communication and Drivers*

1. **[Mitsubishi FX3U/FX3G/FX3GA]**

Fixed an issue where cMT X series HMI might not be able to begin communication with the target PLC.

2. **[Barcode Scanner CDC/POS Mode (USB)]**

Added this driver (Model and OS restrictions apply).

## Software Version : EasyBuilder Pro V6.07.01.417

### *New Supported Models*

cMT3108XH, cMT-SVRX-820/822

### *Corrections*

The following issues were addressed:

1. The Batang font cannot be used.
2. When “Set value when leaving focus” setting is enabled, one instance of entry operation may trigger multiple records in Operation Log.
3. Project file compression cannot be initiated if the file path is too long.
4. A small portion of LF characters may be missing in the csv file output from EasyConverter.
5. An object’s text area position of its label, if set as “Custom position”, cannot not be duplicated to every state.
6. In MQTT, the topic settings exported as an excel file cannot be imported properly.
7. CODESYS program downloaded using UtilityManager does not start properly.
8. For selected models, backlight brightness level setting of 31 does not take effect.

Additionally, rare cases of abnormal termination which may arise from very specific operations are also fixed.

### *Communication and Drivers*

1. **[Siemens S7-1200/S7-1500 (Symbolic Addressing) (Ethernet)]**  
Fixed the issue where tags do not appear for selection under certain circumstances.
2. **[Siemens S7-1200/1500 (S7Commplus, Symbolic Addressing)]**  
Fixed the issue where a string’s presence may cause data writing issue for the rest of the data in a DB.
3. **[Mitsubishi QnA Series]**  
Added new driver.

4. **[Mitsubishi A173UH/A2A/A2U/A2AS/A2USH/A3U]**

Added support for A173UH.

5. **[KEYENCE KV-8000 (Symbolic) (Ethernet)]**

Addressed miscellaneous communication issues.

## Software Version : EasyBuilder Pro V6.07.01.360

### Corrections

The following issues were addressed:

1. Integrity check for historical file backup may yield incorrect result.
2. Event log data cannot be successfully synchronized to MS SQL database server.
3. For Gateway models, OPC UA HDA data cannot be properly saved.
4. When a project file containing user-defined tags is decompiled, there may be unintended changes in address settings.

### Communication and Drivers

1. **[Siemens S7-1200 (Symbolic Addressing) (Ethernet)]**  
Fixed an issue where UDT address tags cannot be selected.
2. **[Siemens S7-200 (Ethernet)]**  
Fixed an issue where the M address type is not displayed in off-line simulation.
3. **[XModem -1K (download-only mode)]**  
Added new driver.
4. **[Schneider M340/M580 series (Symbolic Addressing) (Ethernet)]**  
Fixed issues related the writing of DINT address type.

## Software Version : EasyBuilder Pro V6.07.01.334

### 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)
MT8071iE	2208xxxxxx
MT8102iE	
MT8071iP	
MT8102iP	

### Corrections

The following issues were addressed:

1. In MQTT, subscribed data are not written to respective registers occasionally.
2. OPC UA Server related issues:
  - The lengths of Recipe Database related addresses are incorrect.
  - Tags exported from OPC UA server, when imported for use with OPC UA Client, may be incorrect
3. In Macro, DEC2ASCII function converts a particular value incorrectly.
4. Remote HMI's IP address cannot be updated dynamically.
5. Macro library related issues:
  - Shortcuts like Comment/Uncomment...etc. in the editor are ineffective.
  - Codes that contain Chinese comments cannot be exported.
6. Private Address Index registers (32-bit type, PLW-9230~PLW-9261) do not work properly.
7. Some texts are not displayed when cMT-FHDX is connected to screens of certain DPI.
8. Backup is not really completed when the prompt window disappears.
9. cMT Diagnoser may crash when connecting to a device that uses OPC UA Client.
10. Certain models may not communicate with another device properly due to malformed RS-232

RTS/CTS signal.

### **Communication and Drivers**

**1. [Azbil Controller (CPL)]**

Added Data\_Dec\_Sign address.

**2. [Mitsubishi iQ-R Series (Ethernet)]**

Added support for tag file import.

**3. [CAN Bus CANopen Slave]**

Improved error handling when there are offline devices on the network.

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

Improved fault tolerance in reading data to prevent errors that may occur when writing to recipe database.

**5. [Siemens S7-1200/S7-1500 (S7CommPlus, Symbolic Addressing) (Ethernet)]**

Improved communication efficiency.

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

Index registers can be used with string index.

**7. [OMRON C/CQM1 Series]**

Expanded TC address range to 511.

**8. [OMRON CP Series (USB)]**

Expanded range of all addresses to 32767.



## Software Version : EasyBuilder Pro V6.07.01.281

### Corrections

The following issues were addressed:

1. AutoRecover function fails to save due to the file path being too long.
2. Timer (Global) gives incorrect timer output.
3. MSSQL date format cannot be used.
4. Of the tag register data types, only the array type can be used for Numeric object's device low/high limits.
5. Actions of Action Trigger object may not be successfully triggered by a Condition object.

### Communication and Drivers

1. **[Schneider SoMachine M Series (Ethernet)]**  
Improved the driver's error handling.
2. **[Mitsubishi M80 CNC (Ethernet)]**  
Added new driver.
3. **[CODESYS V3 (Ethernet)]**  
Fixed communication issue with selected devices.
4. **[Barcode Scanner]**  
Fixed an issue where the symbol "|" cannot be identified.
5. **[BACnet/MSTP Server]**  
Fixed an issue with the handling of Get Tag requests.
6. **[Schneider M340/M580 series (Symbolic Addressing) (Ethernet)]**  
Fixed issues related to the use of nested structure.
7. **[Trio MODBUS RTU, TCP/IP (Mode 7)]**  
Expanded ranges of VR and VR\_INT addresses.
8. **[Azbil MODBUS TCP] [Azbil MODBUS RTU]**  
Enabled max read and write command size (words) settings.

## Software Version : EasyBuilder Pro V6.07.01.213

### New Supported Model

MT8051iE

### New Features

#### EasyBuilder Pro

##### 1. [Local Device]

Added PRW and PRW\_Bit address types. These addresses are cMT Viewer client's retentive registers.

##### 2. [Ribbon UI]

Added [Fix all objects] shortcut in View tab.

#### Selected cMT/cMT X Models

##### 3. [FTP Server]

- a. Added FTP Server related settings in Data/History tab. Connection information for all FTP features now references here.
- b. Added Implicit and Explicit FTP over TLS modes.

##### 4. [Address Tag Library]

Added [Elementary arithmetic] mode for the conversion of user-defined tags. The conversion formulas can be written directly in the tag's setting page.

##### 5. [MQTT]

- a. Added "Min. time between messages" setting for MQTT Topic Publisher.
- b. Added "Auto escape special characters" option for string related settings.

##### 6. [Recipe Database]

Added "Display name" setting. The display name is by default the same as the item name or it may be a tag from Label Tag Library.

Recipes List :


Recipes	Item name	Data type	Size	Display width	Decimal Pt.	Align...	Label library	Display name
1. recipe1	Hello	16-bit Unsi...	1	5	0	Left	<input checked="" type="checkbox"/>	Label_1 : HiLabel: Ciao

### 7. [Backup]

With [External trigger (word)] mode, the backup time range can be set explicitly, by indicating the minute, hour, day, month, and year information of start and end time.

### 8. [History Data Display]

Displaying multiple lines of data is now possible and the number of lines can be set.

Index	Time	Date	ch.1	
260	10:17	24/02/2022	F22286770-1 1234567890	
259	10:17	24/02/2022	F22286770-1 1234567890	

### 9. [ASCII]

Added Trigger action setting.

### 10. [SQL Query]

- a. Added settings related to customized timeouts.
- b. Added “Auto escape special characters” option for string related settings.

### 11. [System Parameters]

Added “Enable secure communication” option which enables communication encryption. This setting can be found in two places:

- a. Settings / Security page: Both intra and inter-HMI communications are encrypted.
- b. New HMI page (Remote HMI): If the remote HMI to be connected has enabled secure communication, the HMI connecting to that HMI must also enable secure communication in this settings page.

In consideration for the performance, this setting is only available for cMT X models.

### 12. [System Parameters – Enhanced Security Mode]

Added [Remote HMI] option as another way to authenticate via an external server.

### 13. [Event Log]

Added subcategory settings, which is in addition to the existing category setting.

### 14. [Combo Button] [Action Trigger]

Added “Execute JS” action which executes JavaScript codes.

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

**15. [Circular Trend Display]**

Now available for cMT / cMT X models.

**16. [Trend Display]**

Setting x-axis display range based on pixels is now possible.

**17. [Enhanced Security Mode]**

LW registers may now be used as the control addresses.

### ***Communication and Drivers***

**1. [BACnet/MSTP Server]**

Added new driver. (cMT/ cMT X only)

**2. [KOYO Do-more(Ethernet)]**

Added an option for selecting device type, H2 or BRX.