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.

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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

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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.

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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.

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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]**
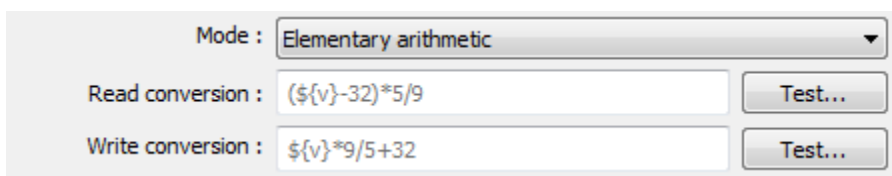   Added [Fix all objects] shortcut in View tab.

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.

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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.

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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.

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