

Software Version : EasyBuilder Pro V6.09.01.671

Resolved Issues

1. Fixed an issue with Numeric objects where enabling decimal offset caused incorrect upper and lower limit validation, resulting in invalid input.
2. Fixed an issue in the Find/Replace feature where search by range and replace using the [Shift to] mode do not function properly.
3. Updated the minimum window size limit for cMT Viewer, changing it from 500 x 500 to 100 x 100.

Communication and Drivers

1. **[KEYENCE KV-8000 (Symbolic) (Ethernet)]**
Fixed an issue where unpaired double quotes (") in the comment field caused import failures.

Software Version : EasyBuilder Pro V6.09.01.655

Resolved Issues

1. Fixed errors that may occur in the find/replace feature during the replacement of addresses between different devices.
2. Fixed an issue that may cause the HMI to crash when changing pages during a file backup.
3. Fixed compatibility issues related to the import/export of tags on the OPC UA server.
4. Fixed an issue that may cause EasyBuilder Pro to occasionally crash upon startup if no project file is opened immediately.
5. Fixed crashes resulting from changing device names when there are incomplete macro compilations.
6. Fixed unintended changes in the data type of the address for object security property settings during decompilation.
7. Fixed crashes that may occur during decompilation when using the Data Matrix mode for 2D Barcode Display.

Communication and Drivers

1. **[Barcode/RFID Reader]**
Renamed from [USB Device], supports the built-in RFID Reader on the HMI.
2. **[KEYENCE KV-8000 (Symbolic) (Ethernet)]**
Fixed an issue where using offline simulation on the HMI can cause it to malfunction.

Software Version : EasyBuilder Pro V6.09.01.605

Resolved Issues

1. MQTT system topic enablement may occasionally cause topic publication to cease.
2. Custom shapes may be displayed incorrectly under certain circumstances.
3. Operation Log Printing under specific operations may occasionally cause compilation errors.
4. Prevented PDF Reader from experiencing insufficient memory issues.
5. The upper and lower limits of the Meter Display object cannot be correctly set under certain circumstances.
6. The keyboard input may not function properly in VNC Viewer under certain circumstances.

Communication and Drivers

1. **[Beckhoff TwinCAT PLC - Free Tag Names (Ethernet)]**
 - a. Fixed issues with incorrect array size during tag import.
 - b. Fixed bit read/write issues under multiple-layer structures.
 - c. Fixed display issues with string tags.
2. **[Brother Speedio (Ethernet)]**

Fixed data reading issues.
3. **[CODESYS V3 (Ethernet)]**
 - a. Fixed communication issues with WSTRING.
 - b. Fixed an issue where handling array sizes larger than 110 tags in data transmission may cause HMI abnormalities.
4. **[Control Technology 2500 Series (Ethernet)]**

Added support for Alarm Addressing, Loop Addressing, Special Function Programs, Constant, and Drum data types.
5. **[DELTA DVP 50MC Series (Modbus)(Ethernet)]**

Added new driver.
6. **[Mitsubishi FX5U - Binary Mode (Ethernet)]**

Fixed communication issues when data sampling settings are set to non-contiguous addresses.
7. **[KOYO CLICK V3 MODBUS TCP/IP]**

Added support for writing SC and SD data types.

Software Version : EasyBuilder Pro V6.09.01.556

New Supported Model

cMT2058XH

Resolved Issues

1. The macro execution conditions may change after export and reimport.
2. The find/replace function cannot correctly handle longer tag arrays.
3. Data sampling settings cannot be adjusted in the projects of certain models.
4. Warning sound continues in spite of event acknowledgment or recovery.

Communication and Drivers

1. **[BACnet/IP Server]**
Fixed disconnection issues caused by failure in the handling of specific commands.
2. **[IEC 61850 MMS Client]**
Optimized driver to enable the “Get Tag Info...” feature for a broader range of IEC 61850 servers.
3. **[FATEK M Series (Modbus) (Ethernet)]**
Added new driver.
4. **[Siemens S7-1200/S7-1500 (S7CommPlus, Symbolic Addressing) (Ethernet)]**
Improved communication compatibility with newer PLC firmware for certain legacy HMI models, such as iE, iP, etc.
5. **[StrolUnv]**
Added new driver.

Software Version : EasyBuilder Pro V6.09.01.524

Resolved Issues

1. Added USB Tethering support for the iP Series.
2. Added 3G/4G Dongle support for the iE Series.
3. Improved USB scanner data reading to reduce reading failures.
4. Fixed issues related to LB-9042 (acknowledge all alarm events).
5. The file preservation limit setting may not work properly under Data Sampling's Customized File Handling mode.
6. Some settings may not align with the original ones when objects are converted to Combo Buttons.
7. The search conditions of the macro function RecipeQuery did not support float type variables.

Communication and Drivers

1. **[Beckhoff TwinCAT PLC – Free Tag Names]**
Fixed communication issues.
2. **[Lenze]**
Fixed communication issues.
3. **[XINJE MTX XD/XL Series]**
Added support for pass-through feature.
4. **[Schneider SoMachine M Series (Ethernet)]**
Added support for MachineExpert 2.2.
5. **[Rockwell EtherNet/IP (ControlLogix) – Free Tag Names]**
Fixed issues related to the use of index registers.

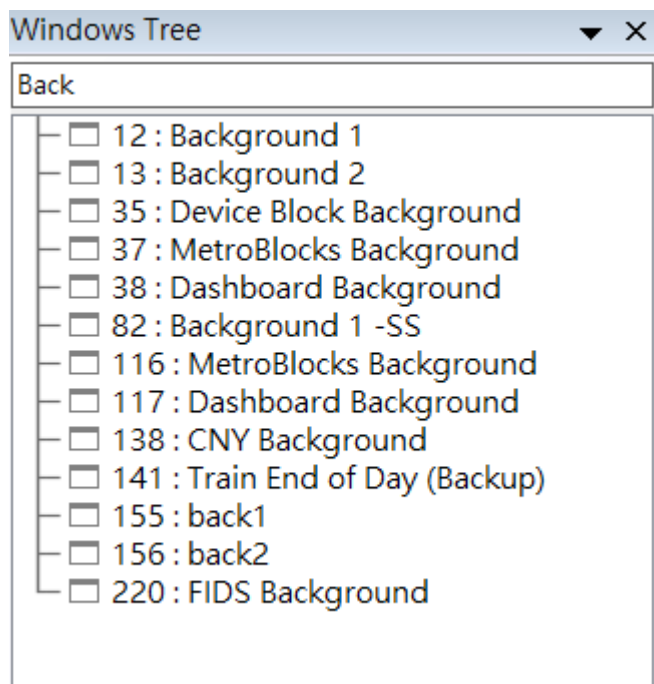
Software Version : EasyBuilder Pro V6.09.01.485

New Supported Model

cMT3072XP

Resolved Issues

1. Added filter search box for Windows Tree.



2. Added more sampling interval options for OPC UA History (HDA).
3. Added string termination setting for the ASCII object.
4. Text position related settings may be incorrect after model transition.
5. Window change related settings for global objects may be missing.
6. The text color in Option List is the same as the background color.
7. The "Data server disconnected" message appears when the designated remote HMI for enhanced security mode cannot be reached.
8. The contents of Event Display object may not automatically update if historical data control is enabled.
9. Enabling secure communication may cause EasyAccess 2.0 push notification to fail.

10. The macro function Fill cannot use float data type.
11. Data Sampling's customized file handling may lead to a high CPU load.
12. The data format cannot be configured for dynamic trigger condition addresses used by certain objects such as Action Trigger.

Communication and Drivers

1. **[Beckhoff TwinCAT PLC – Free Tag Names]**
 - a. Optimized communication efficiency.
 - b. Fixed issues with data writing and lost connection.
 - c. Fixed the issue of not being able to setup connections to multiple devices that are distinguished only by ADS.
2. **[Rockwell Micro850 – Free Tag Names]**

Added support for import of new version tag files.
3. **[Siemens S7-1200/S7-1500 (S7CommPlus, Symbolic Addressing) (Ethernet)]**
 - a. Added support for reading array data that does not start from index 0.
 - b. Added support for S5-time data type.
 - c. Added support for newer versions of PLC firmware and TIA Portal.
4. **[CAN Bus 2.0A/2.0B General and SAE J1939]**

Fixed an issue where CAN2.0a and CAN2.0b modes cannot be used simultaneously.
5. **[Panasonic FP (Ethernet)]**

Fixed communication issues.
6. **[OMRON CJ/CS/CP]**

Added Multi-read option.
7. **[KEYENCE KV-8000 (Symbolic) (Ethernet)]**

Fixed communication issues.
8. **[Schneider M340/M580 series (Symbolic Addressing)]**

Optimized communication efficiency for array data.
9. **[ABB TOTALFLOW FCU]**

Fixed an issue where data is read from incorrect addresses.
10. **[MODBUS RTU, RTU over TCP]**

Fixed an issue where data is read from incorrect addresses.
11. **[YUDIAN AIBUS]**

Optimized CRC check.

12. [Free Protocol]

Fixed an issue where the HMI communication port setting under UDP mode cannot be saved.

Software Version : EasyBuilder Pro V6.09.01.357

New Features

1. [System Registers]

Added system register LW-12829: HMI available space for history data.

Resolved Issues

1. Non-English versions of EasyBuilder Pro may experience crashes when opening certain configuration windows.
2. The HMI is unable to successfully connect to an MQTT server (including cloud services).
3. Fixed issues with the macro functions SetData/GetData and loop execution.

Communication and Drivers

1. [Beckhoff TwinCAT PLC – Free Tag Names (Ethernet)]

Optimized communication efficiency.

Software Version : EasyBuilder Pro V6.09.01.322

New Features

1. [Enhanced Security Mode]

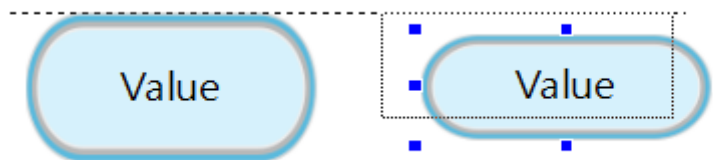
Added support for external fingerprint scanners and USB scanners (e.g., smart cards) to be used for login.

2. [Template Window]

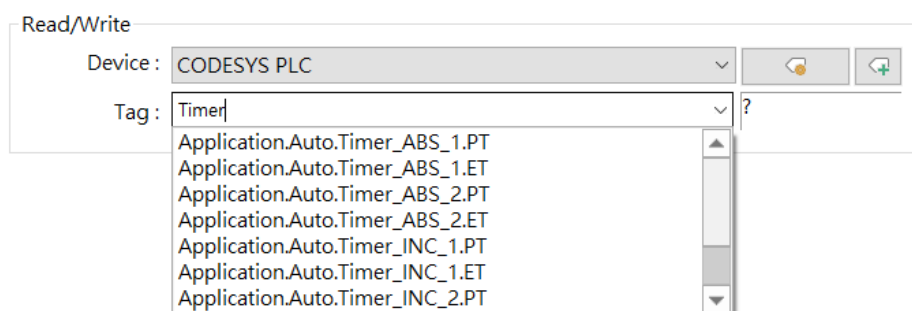
Added this feature with which users may add copies of template windows into a regular window. The tag addresses used within the template can be easily replaced to reduce the amount of potentially repetitive editing work.

3. [EBPro UI]

- a. Added the smart guide feature.



- b. The tag address selection field supports search by tag names. Note that this is not a default behavior and must be enabled in the Preferences.



- c. Added support for multi-selection of objects by holding the Ctrl key.
- d. Added support for adjustment of object's relative position (layer) in a window by drag-and-drop within the Window Tree UI.
- e. Added more window adjustment options with illustration for HMI model change.

4. [Operation Log]

Optimized many aspects of Operation Log settings, including improved layout of the setting window, more information shown for logged object, and the ability to use WATCH addresses as the source for comments...etc.

5. [System Registers]

Added the following system registers:

LW-12824: Flash disk health status

LW-12825: EasyBuilder Pro version (full)

LW-12827: BACnet/IP server port no.

6. [JS Resource]

Added support for JavaScript code encryption (password protection). The encrypted JavaScript codes can be used by JS objects.

7. [Compile/Decompile]

Added support to preserve object comments during compilation, allowing for its restoration during decompilation.

8. [Combo Button] [ASCII] [Action Trigger] [Touch Gesture]

Action group names within these objects can be user-defined.

Communication and Drivers

1. [USB Device]

Added this driver, which supports multiple USB external devices.