

## Software Version : EasyBuilder Pro V6.05.01.565

### New Features

1. **[PDF Reader]** Added support for designating an address to dynamically change zoom ratio.
2. Added S7-300 MPI SubnetID Tool.
3. Added **[PLC Web Browser]** support for cMT3092X, cMT3152X, and cMT3162X. The applicable OS version is 20201202 or later.

### Corrections

1. Fixed an issue where certain windows in EasyBuilder Pro may grow too big when the font size in Windows is set to 125%.
2. Fixed an issue where download attempt after an Event Log import from Excel file does not trigger compilation.
3. Fixed an issue where incorrect permissions were granted when a user logs in OPC UA server by username / password.
4. Fixed an issue where the latest file in Data Log (with Customized File Handling enabled) is deleted after project re-download.
5. Fixed an issue where addresses used by certain objects are not reflected accordingly in the Address Grid.

### Drivers

1. **[KEYENCE KV-8000 (Symbolic) (Ethernet)]** Added new driver.
2. **[Beckhoff TwinCAT PLC – Free Tag Names]** Fixed an issue where STRUCT containing certain characters cannot be imported.
3. **[OMRON EtherNet/IP (NJ/NX Series)]** Fixed an issue where Description are not correctly imported.
4. **[OMRON EtherNet/IP (NJ/NX Series)]** Fixed an issue where cMT-SVR may sometimes be disconnected from OMRON NJ.
5. **[RS Automation X8 Series]** Fixed an issue where address settings in a decompiled file are not correct.
6. **[OPC UA Client]** Fixed an issue where using a large number of tags (> 2000) may cause the system to stop working.
7. **[OPC UA Client]** Fixed bit writing issues with certain OPC UA server.
8. **[OPC UA Client]** Added index register support for array tags.

9. **[Mitsubishi M70 (Ethernet)]** Fixed an issue where bit data cannot be correctly written when using macro.
10. **[Siemens S7-1200/S7-1500 (S7CommPlus, Symbolic Addressing) (Ethernet)]** Added index register support for string array tags.
11. **[Siemens S7-1200/S7-1500 (S7CommPlus, Symbolic Addressing) (Ethernet)]** Optimized communication.
12. **[CAN Bus]** Fixed an issue where 64-bit data cannot be correctly read when using macro.
13. **[Siemens S7-300 MPI]** Optimized communication for cMT X Series models.
14. **[BACnet/IP] [BACnet/MSTP]** Added support for UDINT data type.

## Software Version : EasyBuilder Pro V6.05.01.441

### Corrections

1. (eMT, iE, XE, mTV, iP) Fixed an issue where SYNC\_TRIG\_MACRO() and ASYNC\_TRIG\_MACRO() functions do not execute the specified macro.
2. Fixed an issue where there is unintended blank space around the address setting field for some languages of EBPro installation.
3. Fixed an issue where OPC UA HDA does not save historical data.

### Drivers

1. **[Beckhoff TwinCAT PLC – Free Tag Names]** Fixed an issue where the system may not operate properly when using this driver.
2. **[S7-1200/1500 (S7CommPlus, Symbolic Addressing) (Ethernet)]** Added support for the use of string array with customized length.
3. **[OMRON EtherNet/IP (NJ/NX Series)]** Fixed an issue where individual bits of DINT data cannot be accessed.
4. **[Mitsubishi M70 (Ethernet)]** Added new driver.

## Software Version : EasyBuilder Pro V6.05.01.418

### Corrections

1. Fixed the issue about tag selection window being too tiny.
2. Removed BCC from header in outgoing emails so that bcc-related information won't appear in some email clients.

### Drivers

1. **[MODBUS]** Added high-low byte swap option for 3x\_bit, 4x\_bit, 6x\_bit addresses.

## Software Version : EasyBuilder Pro V6.05.01.408

### Corrections

1. Fixed a macro issue about the function `ASYNC_TRIG_MACRO()` not triggering the specified macro.
2. Fixed an issue where changing the tag used by an object from a larger data type to a smaller one may not be possible, e.g., 32 bit --> 16 bit.

## Software Version : EasyBuilder Pro V6.05.01.391

### **Corrections**

1. (iP series) Fixed the issue where EasyAccess 2.0 does not work under certain circumstances.
2. In the setting page for operation log, the fields to the right of the window name will no longer be editable.

### Software Version: EasyBuilder Pro V6.05.01.379

#### New Features

##### cMT Series

All features listed in this section are available exclusively for cMT series or selected models only.

<b>1.</b>	<b>[Set Word]</b>	Added "Write constant string" operation.
<b>2.</b>	<b>[System Registers]</b>	Added system register LB-12752: Disable / Enable vibration.
<b>3.</b>	<b>[SQL Query]</b>	Added support for customizing the length of the error message and the upper limit is 200 words.
<b>4.</b>	<b>[MQTT]</b>	Added support for enabling/disabling individual topic publisher /subscriber (in security tab).
<b>5.</b>	<b>[MQTT]</b>	Added manual processing mode for topic subscriber. In this mode, subscribed data get placed in a queue before being processed manually.
<b>6.</b>	<b>[MQTT]</b>	Added "Clear message buffer when disconnecting gracefully" option.
<b>7.</b>	<b>[Trend Display]</b>	Added "Adapt to device screen pixel density (DPI)" option for adjusting the font/button sizes according to the DPI settings.
<b>8.</b>	<b>[Bar Graph]</b>	Added support for dynamically changing the color of the Bar Graph.
<b>9.</b>	<b>[File Transfer]</b>	Added support for filename filtering using * and ? wildcard characters.
<b>10.</b>	<b>[Data Sampling]</b>	Added support for setting the data format for each channel. The same settings may be used by its Trend / History Data Display charts.
<b>11.</b>	<b>[Recipe Database]</b>	Added dedicated recipe commands for transferring recipe data between HMI and PLC.
<b>12.</b>	<b>[PLC Web Browser]</b>	Feature added. Availability varies by model and OS version.
<b>13.</b>	<b>[Operation Log]</b>	Added support for using Backup object to generate a backup file with checksum. EasyConverter can then be used to examine data integrity.
<b>14.</b>	<b>[JS Object] [JS Resource]</b>	Features added. JS related features allow the use of JavaScript to expand HMI capabilities such as accessing web resources, drawing, and interactive control. JS Resource can include JavaScript libraries or other non-JavaScript files that work with JS object. Availability varies by model and OS version.

15. [Macro] Increased the number of macros to 500 (no. 0~499)

### cMT3092X

1. Added support for using USB2.

### cMT3072X/XH

1. Added support for [Video Input].
2. Added support for [Media Player].

### Utility Manager

1. The dialog asking for administrator privilege will not show upon launching Utility Manager. Instead, it now shows when the function that actually requires administrator privilege is used.

### OPC UA

1. Added support for clearing HDA file (historical data) with system register LB-12753.

### EasyConverter

1. Added support for checking data integrity of Operation Log.
2. Added support for working with very large db file.