

Software Version : EasyBuilder Pro V6.05.02.434

Corrections

1. Fixed the issue where EasyBuilder Pro allows cMT-FHDX models to set PLC Web Browser related features. At this moment, PLC Web Browser is not supported on cMT-FHDX.
2. Fixed the issue where Unicode related macro functions (UnicodeCat, UnicodeExcluding, UnicodeLength, Utf82Unicode) cannot be properly executed on HMI.
3. Fixed the issue where macro may stop abnormally after performing the described operations: Use GetData() to read data from recipe database and then use Setdata() to write the data to Tag PLC addresses.
4. Fixed the issue where MQTT topic subscriber under manual operation mode can no longer handle any data once it has processed a message that does not correctly contain all keys.

Drivers

1. **[KONNEX KNXnet/IP]** Added [Support multiple connections] option under Tunneling mode.
2. **[Schneider MODBUS RTU]** Added new addresses: %I, %Q, %S, %IW, %QW, %SW, %KW, %IWS, %QWS, %X, %TM_V, %TM_P, %TM_Q.
3. **[XINJE MTX XD/XL Series]** Added new driver.
4. **[MODBUS Server]** Fixed an issue that results in incorrect response to commands with function code 0x06(write single holding register).

Software Version : EasyBuilder Pro V6.05.02.370

Corrections

EasyBuilder Pro

1. Fixed the issue where USB related features do not work properly on cMT-SVR.
2. Fixed the issue where Scheduler does not perform actions at the correct time the first time after clocks change.
3. Fixed the issue where cMT Viewer cannot display Event Display contents when it connects to a program that is not created using V6.05.02.

Drivers

1. Added the driver **Mitsubishi M80 (Ethernet)**.
2. **CODESYS V3 (Ethernet)** Added optimum communication protocols.

Software Version : EasyBuilder Pro V6.05.02.354

New Feature

1. Added dynamic file name support for extended memory.

Corrections

1. Fixed the issue where the label's option, ON=OFF (use state 0), of bit lamp/toggle switch is ineffective.
2. (cMT2078X/cMT3072X/cMT3072XH) Fixed the issue where event log does not show on the web page.

Drivers

1. Added the driver CHONG HUI Controlwell MD Series.

Software Version : EasyBuilder Pro V6.05.02.327

Corrections

1. (cMT Series HMI, cMT Viewer)
Fixed an issue where the screen display may come to an abnormal halt when an event with the following condition has been triggered.
Condition: The option [Enable continuous beep until acknowledged or recovered] for sound is enabled.

Software Version: EasyBuilder Pro V6.05.02.307

New Supported Models

cMT2078X, cMT2108X, cMT2158X

Models no longer supported

MT6051iP、MT6071iP、MT6103iP、MT6102iQ、MT6070iE、MT6071iE

New Features

EasyBuilder Pro General Features

Feature	Description
1. [Macro]	Added built-in macro functions: CEIL, FLOOR, ROUND, INPORT4.
2. [Macro]	Added an (optional) parameter for DATE2ASCII function; the input argument is a separator that is inserted between the year, month, day (YYYY MM DD) strings.

iP Series

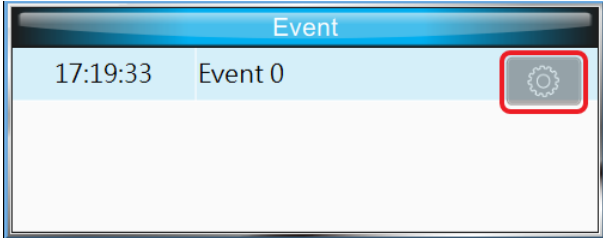

Added support for the following features (categorized by type).

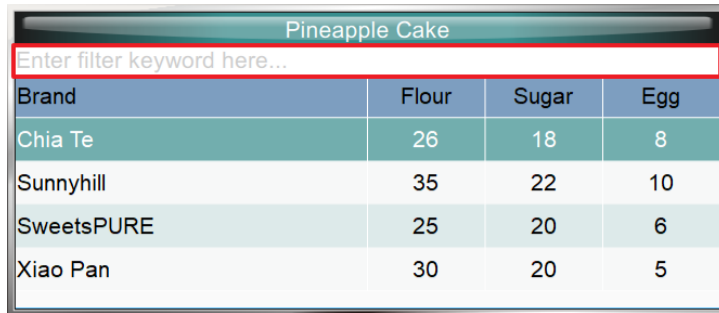
- **Buttons / Lamps**
 - Combo Button
 - Word Lamp – Bit Combination
- **Numeric Display**
 - Customized Display Format
 - Macro Subroutine Scaling
- **Charts**
 - Pie Chart
 - Dynamic Drawing
 - Dynamic Scale
- **Table**
- **Data Sampling**
 - Customized File Name
 - Circular Trend Display
- **Event Log**
 - Dynamic Condition
 - Statistics
- **Browser / Viewer**
 - File Browser
 - Picture View

- **Recipe Management**
 - Recipe Database
 - Recipe View
 - Recipe Import / Export
- **System Safety**
 - Enhanced Security Mode
 - Operation Log
- **Others**
 - Flow Block
 - Daylight Saving Time

cMT / cMT X Series

Feature additions listed in this section are available for cMT / cMT X series models that support the said features.

Feature	Description
1. [Alarm Bar] [Alarm Display] [Event Display] [Event Bar Chart]	Added “Option Button Visibility” setting. It provides an option to show/hide the Option Button or to control its visibility dynamically by a register . Note: Clicking the Option Button opens the Option dialog.
	
Option Button	
2. [File Transfer]	Added support for dynamic adjustments of the FTP server connection parameters. Note: File Transfer is one of the actions that can be triggered by Action Trigger / Combo Button.
3. [File Transfer]	Added the option [Delete the source file after successful transfer].
4. [Meter]	Added support for visibility setting of the pin point.
5. [System Parameters]	Added “Display time for min. press time” settings. Applying to buttons whose “min. press time” is non zero, it allows a countdown timer to be shown when buttons are pressed.
	
Button and the countdown timer	
6. [System Parameters]	Added “Play next sound after stopping previous” option.
7. [SQL Query]	Increased the SQL query command limit to 2000 characters.
8. [Recipe View]	Added support for content filter.



Pineapple Cake			
Enter filter keyword here...			
Brand	Flour	Sugar	Egg
Chia Te	26	18	8
Sunnyhill	35	22	10
SweetsPURE	25	20	6
Xiao Pan	30	20	5

Recipe View Filter

-
- 9. [Enhanced Security Mode]** Added support for SSL encryption for LDAP mode.
-
- 10. [System Registers]** Added the following system registers related to mounting of external USB devices.
- LW-12492 Last detected USB partition ID
 - LW-12496 Last detected USB partition size (GB)
 - LW-12498 Set the partition ID to be used as USB1
 - LW-12502 Set the partition ID to be used as USB2

The registers may be, for example, used to force an external USB to mount to a specific location, disk1 or disk 2.

All features listed in this section are added on cMT / cMT X series for compatibility with the behavior of legacy models.

Feature	Description
1. [Remote HMI]	Increased the maximum allowable to 64.
2. [Option List]	Added color setting for the selected row.
3. [Picture View]	Added First and Last buttons in the toolbar.
4. [XY Plot] [Trend Display] [Alarm Display] [Event Display] [History Data Display]	Added picture settings.
5. [Media Player]	Added [No control] mode.
6. [Video In]	Added support for single image capture.
7. [Video In]	Added [Use pause control] for the control address. I.e., pause command is available.
8. [Alarm Display] [Event Display]	Added support for [Scrolling control address] designation.
9. [Alarm Display] [Event Display]	Added support for event acknowledgement by double-click.
10. [Alarm Display] [Event Display]	Added support for event sorting by occurrence count (real-time mode).
11. [System Parameters]	Added the [Enable time synchronization with the external device when HMI starts] option.
12. [Recipe View]	Added support for automatic scrolling to the view that shows the row specified by the value of RECIPE Selection.
13. [Recipe View]	Added color setting for the selected row, for Default style.
14. [Timer(Per-page)]	Added support for this object to use timers in individual windows.
15. [Scheduler]	Added support for sound.
16. [Shape]	Added support for legacy pattern types (dot and line pattern types)
17. [System Register]	Added support for the following system registers related to data logs and event logs. LB-9035 : HMI free space insufficiency alarm LB-9036 : SD card free space insufficiency alarm LB-9037 : USB disk 1 free space insufficiency alarm LB-9038 : USB disk 2 free space insufficiency alarm LB-9026: delete all data sampling files on HMI memory

LB-11950: delete all data sampling files on SD card
LB-11953: delete all data sampling files on USB disk 1
LB-11956: delete all data sampling files on USB disk 2
LB-9034: save event/data sampling to HMI, USB disk, SD card
LB-9023: delete all event log files on HMI memory
LB-11941: delete all event log files on SD card
LB-11944: delete all event log files on USB disk 1
LB-11947: delete all event log files on USB disk 2
LB-9034: save event/data sampling to HMI, USB disk, SD card

cMT X Series

1. Added support for USB2.

IIoT Gateway Series

1. Added support for SQL Query.

cMT Diagnoser

1. Added support for monitoring of tag-based addresses.
2. Added support for monitoring of data in Decimal, Hexadecimal, and Binary formats.

cMT Viewer

1. Added support for connections using non-default ports. The way to use non-default ports is by entering the offset along with IP address; for example, if offset is 10000, enter 192.168.1.1:10000 in the IP field. The allowable range of offset is 0~19999. All ports used will have an offset accordingly.

EasyConverter

1. Added support for integrity check of Operation Log by Command Line Interface.
2. Added support for conversion of data logs and event logs in MS SQL / MySQL database into CSV files (using Command Line Interface).