



**FvDesigner Release Notes**

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**V1.5.X**

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## Version 1.5.0

(2017/12/20)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.16~V1.4.28.

### *New Function*

- [1947] Allow inputting simplified Chinese for the text display
- [2351] Allow to set the system setting directly by downloading
- [2361] Add the search/replacement function
- [2399] Add Omron NX1 PLC Driver
- [2425] Support using Chinese for security user name
- [2471] Add the background removing function for the lamp and animated graph
- [2533] Support control address for the installment
- [2542] Support the sub-link enabling control by an address
- [2553] Support the post calculation process for the meter and linear meter
- [2563] Allow to set the direction of the historic data table
- [2595] Add an external label function for the switch, lamp, numeric display, text display, and slide switch
- [2641] Add symbol property for the historic trend curve
- [2695] Support the USB camera grabbing function by alarm
- [2379] Support the sending e-mail function by alarm
- [2530] Add a new object- pipeline
- [2264] Add single pass word generator

### *Function Revision*

- [1100] Improve the CPU loading
- [2607] Reduce the project size
- [2614] Improve the spending time for launching a project
- [2615] Improve the efficiency of Omron NX1 communication
- [2756] Improve the efficiency of the pipeline
- [2756] Improve the operation procedure for logging in
- [2509] Improve the efficiency of the data transfer
- [2766] Improve the control behavior for the installment
- [2598] Enhance the diversity of the image library
- [2785] Improve the operation for uploading

*Correction*

- [1597] Fix the abnormal behavior for moving objects
- [2572] Fix the abnormal behavior for the recipe setting
- [2668] Fix the abnormal behavior for the USB camera
- [2672] Fix the abnormal behavior for SMTP
- [2680] Fix the abnormal behavior for the system keyboard
- [2692] Fix the abnormal behavior for the bit switch
- [2693] Fix the abnormal behavior for the pipeline
- [2697] Fix the abnormal behavior for the text display setting
- [2700] Fix the stability problem for uploading
- [2712] Fix the abnormal behavior for the slide switch
- [2717] Fix the abnormal behavior for pasting the object which is from the older FvDesigner
- [2697] Fix the abnormal behavior for the step switch setting
- [2720] Fix the stability problem for FvRT
- [2733] Fix the abnormal behavior for the search and replacement
- [2743] Fix the abnormal behavior for the communication
- [2749] Fix the stability problem for compiling
- [2697] Fix the abnormal behavior for the link setting
- [2764] Fix the abnormal behavior for updating by USB flash
- [2765] Fix the abnormal UI behavior
- [2781] Fix the abnormal behavior when opening the a project
- [2780] Fix the abnormal behavior for grabbing a image by alarm

## Version 1.5.1

(2018/02/22)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.16~V1.4.28.

### *New Function*

- [2590] Add a customized path mode for the animated graph
- [2594] Add a rotation background image function for the switch and lamp
- [2373] Add Fatek PLC transfer project generator
- [2592] Allow using the original image size for the lamp and switch
- [2655] Allow keeping or resetting the recipe No. address after booting
- [2783] Add a curve fill feature for the historic trend curve

### *Function Revision*

- [2519] Improve UI for the quick launch toolbar
- [2788] Improve UI for inserting a part of the pipeline
- [2845] Improve UI for the pipeline

### *Correction*

- [2443] Fix the abnormal UI behavior
- [2644] Fix the abnormal behavior for the operation log setting
- [2669] Fix the abnormal behavior for SMTP
- [2673] Fix the abnormal behavior for the alarm setting
- [2681] Fix the abnormal behavior for Omron sysmac NJ/NX Series
- [2736] Fix the abnormal writing behavior for the operation log
- [2747] Fix the abnormal behavior for the communication after changing screen
- [2754] Fix the abnormal behavior for the setting page after the replacement function
- [2769] Fix the abnormal behavior for the sub-switch from the alarm display
- [2807] Fix the abnormal behavior for the function switch
- [2828] Fix the abnormal behavior for the sub-switch from the operation viewer
- [2846] Fix the abnormal behavior for the window display
- [2849] Fix the abnormal behavior for the animated graphic
- [2855] Fix the abnormal compiling behavior for the data block graph
- [2856] Fix the abnormal behavior for the sub-switch from the data block XY scatter
- [2859] Fix the abnormal multi-copy behavior for using tags
- [2863] Fix the abnormal behavior for the recipe table

- [2864] Fix the abnormal behavior for the pipeline
- [2866] Fix the abnormal behavior for the date/time display
- [2875] Fix the abnormal behavior for SMTP @ FvRT
- [2883] Fix the abnormal behavior for the switch setting
- [2891] Fix the abnormal multi-copy behavior for the dot and line objects

## **Version 1.5.2**

**(2018/02/22)**

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.16~V1.4.28.

### *Function Revision*

- [2881] Enhance the robustness of importing SMTP contacts
- [2882] Improve the stability of the animated graphic
- [2903] Improve the HMI runtime stability

### *Correction*

- [2903] Fix the abnormal behavior for setting SMTP

## Version 1.5.3

(2018/03/16)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.28~V1.4.33.

### *New Function*

[2373] Support PLC project download protection mechanism for FATEK PLC

[2570] Support a printing function for data log

### *Function Revision*

[2969] improve the efficiency for SMTP

### *Correction*

[2821] Fix the abnormal display for the quick launch toolbar

[2901] Fix the abnormal behavior for compiling

[2935] Fix the abnormal behavior for the multi-link

[2951] Fix the abnormal behavior for setting SMTP

[2956] Fix the abnormal behavior for downloading the system setting to HMI

[2960] Fix the abnormal behavior fo FBF Reader

## **Version 1.5.4**

**(2018/04/02)**

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.28~V1.4.33.

### *New Function*

[1428] Support SPRT printer

[2990] Allow using dynamic password for the installmen

### *Function Revision*

[2985] Improve the HMI runtime stability

### *Correction*

[2980] Fix the abnormal behavior for setting script

[2984] Fix the abnormal behavior for downloading the system setting to HMI

## **Version 1.5.5**

**(2018/04/19)**

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.28~V1.4.33.

### *Correction*

[3018] Fix the abnormal behavior for compiling

## Version 1.5.6

**(2018/04/20)**

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.28~V1.4.33.

### *Function Revision*

[3023] Improve the HMI runtime stability

### *Correction*

[3030] Fix the abnormal behavior for the installment

[3035] Fix the abnormal display while changing the display ratio

## Version 1.5.7

(2018/05/22)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.28~V1.4.33.

### *New Function*

- [2860] support the direction setting of X/Y axial for trend
- [3041] Support the dynamic exporting file name for data log
- [3051] Support individual security level management
- [3058] Support the pre-announcement function for installment

### *Function Revision*

- [3098] Improve the XNV stability
- [3098] Improve the FvRT runtime stability
- [3102] Improve the HMI runtime stability
- [3062] Improve the pipeline setting procedure
- [3010] Improve the input procedure for the USB barcode reader

### *Correction*

- [2181] Fix the abnormal behavior for the Keyence Driver
- [2186] Fix the abnormal behavior for the SIEMENS Driver
- [3047] Fix the abnormal behavior for the recipe
- [3054] Fix the abnormal behavior for the data log printing function
- [3060] Fix the abnormal behavior for the animation

## Version 1.5.8

(2018/06/06)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.28~V1.4.33.

### *New Function*

[3056] Allow to use PC default printer to print screens for FvRT

### *Correction*

[2994] Fix the abnormal behavior for setting a printer

[3055] Fix the abnormal display for the some of the setting page

[3011] Fix the abnormal behavior for the printing function

## Version 1.5.9

(2018/06/28)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.28~V1.4.33.

### *New Function*

[2979] support a dynamic value to set an alarm value

### *Function Revision*

[2841] Improve the XNV backup mechanism

[3113] Improve the size of system keyboard

### *Correction*

[3086] Fix the abnormal behavior for the background image removing

[3096] Fix the abnormal behavior for setting a printer

[3119] Fix the abnormal behavior for the multi-link

[3128] Fix the abnormal text display while using text library

[3128] Fix the abnormal behavior for compiling

## Version 1.5.10

(2017/07/18)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.37

### *New Function*

[2909] Support to restart a FvRT project by a functional switch

[3155] Support to turn off a FvRT project by a functional switch

[3158] Allow user to disable/enable the changing password interface in the system login window

[3202] Support to customize the row height for the recipe table, historic data table, and operation viewer

[3143] Add OMRON CQM Driver

[2063] Allow to transfer recipe data automatically from the current recipe address to target address and the the current recipe address use internal registers only.

[3143] Add Siemens S7-300 MPI Drive

### *Function Revision*

[3192] Enhance the user-friendly UI for the replacement and searching

### *Correction*

[3123] Fix the abnormal behavior for the multi-link

[3151] Fix the abnormal behavior for setting alarm

[3159] Fix the abnormal behavior for SMTP which is triggered by alarm

[3165] Fix the abnormal display for the upload

## Version 1.5.11

(2017/08/09)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.37

### *New Function*

- [2890] Add a clear control bit for the operation logger
- [3085] Add a before/after writing notification bit for the numeric/text display
- [3085] Add word ward function for the text display

### *Function Revision*

- [3099] Improve the efficiency for the animated graphic
- [3198] Improve the stability for the object updating
- [3208] Improve the system stability

### *Correction*

- [3231] Fix the abnormal behavior for setting data log
- [3222] Fix the abnormal behavior for the index register

## Version 1.5.12

(2017/08/31)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.37

### *New Function*

- [2574] Add input mode for the word switch
- [3240] Add a new script function to close the all window

### *Correction*

- [3232] Fix the abnormal behavior for the external label from the numeric/text display
- [3235] Fix the abnormal behavior for the registers from S7-300r
- [3244] Fix the abnormal behavior for the image object
- [3245] Fix the abnormal behavior for the registers from Allen-Bradley
- [3245] Fix the abnormal behavior for the FATEK PLC transfer encrypt tool

## Version 1.5.13

(2017/09/03)

### *New Function*

[3171] Allow user to decide if the data log file includes the "millisecond" column

### *Function Revision*

[3249] Improve the stability for the object updating

[3256] Improve the system stability

## Version 1.5.14

(2017/09/06)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.37

### *New Function*

[2148] Support to import/export the recipe settings

### *Correction*

[3263] Fix the abnormal behavior for the switch

## Version 1.5.15

(2017/09/11)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.37

### *Function Revision*

[3228] Enhance the user-friendly UI for setting object font, when the text library is used.

## Version 1.5.16

(2017/09/18)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.37

### *New Function*

[3268] Support several behaviors after closing FvRT project

[3265] Support to execute any .exe file by a functional switch

## Version 1.5.17

(2018/10/05)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3053] Support security level password controlled by the internal address

### *Function Revision*

[3123] Improve the system stability

[3289] Improve the stability for the data log

[3289] Improve the stability for VNC

### *Correction*

[3280] Fix the abnormal behavior for the tag library setting

[3283] Fix the abnormal behavior for the address setting

## Version 1.5.18

(2018/10/22)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3282] Support Unicode data type for the data log

[3312] Support Unicode data type for the dynamic header/footer in the data log printing function

[3331] Support command flags to control the buzzes mode

### *Function Revision*

[3178] Modify the auto scrolling behavior for the historic trend

[3332] Enhance the user-friendly UI for the command flags

### *Correction*

[3315] Fix the abnormal behavior for the printer setting

[3348] Fix the abnormal display for the link setting

## Version 1.5.19

(2018/11/12)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3337] Add a script function – “init\_crc” to get the CRC checksum

### *Function Revision*

[3122] Increase the number of the variable for the dynamic header/footer in the data log printing function

[3350] Enhance the user-friendly UI for the recipe

### *Correction*

[3345] Fix the abnormal behavior for VNC

[3349] Fix the abnormal behavior for the recipe setting

[3349] Fix the abnormal behavior for the linear meter setting

## Version 1.5.20

(2018/11/26)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3370] The step switch is changed as the multistate switch, and support the list function

### *Correction*

[3354] Fix the abnormal behavior after the OMRON PLC is disconnected

[3358] Fix the abnormal behavior while using a tag

## Version 1.5.21

(2018/12/05)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3344] Allow user to decide if the current recipe No. should be reset after the some of the recipe function

[3365] Support the auto closing function when the login dialog is time-out [3366] Support “Indicate Screen Already Open” function for the screen switch

[3372] Allow the non-stop script execution when the communication error happened

### *Correction*

[3373] Fix the abnormal behavior while deleting a script

## Version 1.5.22

(2018/12/13)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3330] For the historic trend, allow to output the cursor value to a specified address

### *Function Revision*

[3356] Improve the performance for the download by a serial port

[3379] Improve the stability for the multi-link

### *Correction*

[3377] Fix the abnormal behavior for the external label

[3384] Fix the abnormal behavior for the external label setting

[3386] Fix the abnormal display for the historic trend

## Version 1.5.23

(2018/12/20)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3355] Allow HMI can download a project to another by a serial port

### *Function Revision*

[3383] Improve the performance for the object update function

### *Correction*

[3385] Fix the abnormal behavior for the UFRP update

## Version 1.5.24

(2018/12/25)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *Correction*

[3391] Fix the abnormal behavior for the project update by the system setting

## Version 1.5.25

(2019/01/02)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3394] Allow to use a window display in a window screen

### *Function Revision*

[3399] Enhance the user-friendly UI

## Version 1.5.26

(2019/01/11)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.38~V1.4.43

### *New Function*

[3401] Support a pressing effect for the keypad

[3409] Support the different language UI for the installment

[3422] Support a notification bit for the installment

### *Function Revision*

[3400] Improve the performance for the download

### *Correction*

[3411] Fix the abnormal behavior for the recipe functional switch

[3413] Fix the abnormal display for the slider

[3416] Fix the abnormal behavior while using a tag

## Version 1.5.27

(2019/01/29)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.48

### *New Function*

- [3408] Add the screen and backlight saver for the system tool
- [3418] Add a system tag for the mouse position
- [3419] Support user to modify the link setting by the system tool

### *Function Revision*

- [3369] Improve the operation procedure for the system tool
- [3453] Improve the system stability
- [3454] Improve the stability for the communication
- [3454] Modify the range control behavior for the meter and linear meter

### *Correction*

- [3395] Fix the abnormal behavior for the pass through
- [3412] Fix the abnormal behavior for the pop-up window screen
- [3426] Fix the abnormal display for the log-in window
- [3455] Fix the abnormal display for the step switch

## Version 1.5.28

(2019/01/30)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.48

### *Correction*

- [3449] Fix the abnormal display for some objects

## Version 1.5.29

(2019/01/31)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.48

### *Function Revision*

- [3260] Improve the system stability
- [3436] Improve the stability while copying objects from the different project

## Version 1.5.30

(2019/02/19)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.48

### *New Function*

- [3469] Support bit type access function for Mitsubishi Fx5U “SD” type register
- [2825] Support the impulse mode for the all announce bit control
- [3339] Support data log to export file with a Chinese header

### *Function Revision*

- [3472] Improve the FvDesigner stability
- [3474] Improve the run time stability
- [3462] Improve the stability while copying objects from the different project
- [3439] Improve the system stability

### *Correction*

- [3467] Fix the abnormal display for the external label

## Version 1.5.31

(2019/03/06)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.48

### *New Function*

[3469] Support bit type access function for Mitsubishi Fx5U “D” type register

### *Function Revision*

[3437] Improve the FvDesigner stability

[3450] Improve the stability for the recipe

[3480] Improve the stability for download

[3458] Improve the compiling efficiency

[3496] Improve the run time stability

### *Correction*

[3334] Fix the abnormal behavior for the printer setting

[3476] Fix the abnormal communication behavior for Mitsubishi Fx5U

[3479] Fix the abnormal behavior for the buzzer

[3481] Fix the abnormal behavior for the link setting

## Version 1.5.32

(2019/03/18)

### *Synchronization*

Please refer to FvDesigner Release Notes V1.4.34~V1.4.48

### *New Function*

[3508] Support to use the internal register for the user defined protocol

[3511] Add a new link state – the “disable” stable

### *Function Revision*

[3477] Improve the SMTP setting procedure @ HMI

[3478] Improve the FvDesigner stability

[3505] Improve the compiling efficiency

[3510] Improve the stability for download

[3520] Improve the stability for tab library

### *Correction*

[3478] Fix the abnormal behavior for the user defined protocol

[3513] Fix the abnormal behavior while editing a script

## Version 1.5.33

(2019/04/02)

### *Function Revision*

[HMI-21] Improve the stability for slide switch

[HMI-23] Improve the stability for file transfer

[HMI-29] Enhance the user-friendly UI for link setting

### *Correction*

[HMI-22] Fix the abnormal display for file transfer messages

[HMI-31] Fix the abnormal behavior for reading file of historic trend

[HMI-33] Fix the abnormal display for uploading and downloading messages of USB

[HMI-42] Fix the abnormal behavior for window display size

## Version 1.5.34

(2019/04/29)

### *New Function*

[HMI-27 ] Support delay time function for alarm

[HMI-47 ] Support transparent mode for pass through

### *Function Revision*

[HMI-74 ] Improve the system stability

[HMI-77 ] Enhance the user-friendly UI

### *Correction*

[HMI-13 ] Fix the abnormal behavior for link setting

[HMI-17 ] Fix the abnormal display for updating progress bar of UFRP

[HMI-18 ] Fix the abnormal behavior for Modbus

[HMI-39 ] Fix the abnormal behavior for downloading

[HMI-41 ] Fix the abnormal behavior for Ladder Viewer

[HMI-44 ] Fix the abnormal display for switch's text

[HMI-45 ] Fix the abnormal display for USB path

[HMI-49 ] Fix the abnormal behavior for operation log setting

[HMI-50 ] Fix the abnormal display for compile result

[HMI-66 ] Fix the abnormal behavior for slide switch

[HMI-68 ] Fix the abnormal behavior for driver

[HMI-71 ] Fix the abnormal behavior for simulation

[HMI-105] Fix the abnormal behavior for multistate switch

[HMI-106] Fix the abnormal display for schedule's text

[HMI-110] Fix the abnormal display for version number of installation file

[HMI-111] Fix the abnormal behavior in Simplified Chinese FvDesigner

[HMI-112] Fix the abnormal display for downloading progress bar's text

[HMI-113] Fix the abnormal behavior for file transfer

[HMI-119] Fix the abnormal behavior for schedule

## Version 1.5.35

(2019/05/02)

### *New Function*

[HMI-52 ] Support default keypad for user toolbox

## Version 1.5.36

(2019/05/13)

### *New Function*

[HMI-32 ] Support insert function for alarm setting

[HMI-178] Add a SFlag Servo driver

### *Function Revision*

[HMI-121] Enhance the user-friendly UI for alarm setting

[HMI-164] Enhance the user-friendly UI for link setting

### *Correction*

[HMI-80 ] Fix the abnormal behavior for Modbus

[HMI-120] Fix the abnormal display for border options' text

[HMI-122] Fix the abnormal display for compile messages

[HMI-123] Fix the abnormal behavior for memory address interface

[HMI-134] Fix the abnormal behavior for using mouse in 15" HMI

[HMI-146] Fix the abnormal behavior for VNC

[HMI-147] Fix the abnormal behavior for alarm display

[HMI-153] Fix the abnormal behavior for alarm setting

[HMI-158] Fix the abnormal display for alarm's text

[HMI-160] Fix the abnormal display for link interface

[HMI-161] Fix the abnormal display for FvDesigner's text

[HMI-162] Fix the abnormal behavior for Fatek UDP

[HMI-163] Fix the abnormal behavior for logging address list of data log

[HMI-167] Fix the abnormal display for alarm scrolling text

[HMI-168] Fix the abnormal display for switch

[HMI-172] Fix the abnormal display for recipe name

[HMI-177] Fix the abnormal behavior for simulation

[HMI-184] Fix the abnormal display for brightness and opacity scale of image

## Version 1.5.37

(2019/05/27)

### *Function Revision*

[HMI-155] Improve the system stability

[HMI-175] Enhance the user-friendly UI for object operation setting

[HMI-179] Improve the operation procedure for system setting

[HMI-195] Improve the GIF efficiency

[HMI-204] Improve the stability for Modbus setting

### *Correction*

[HMI-53 ] Fix the abnormal display for compile result

[HMI-187] Fix the abnormal display for switch setting

[HMI-189] Fix the abnormal behavior for alarm deletion

[HMI-198] Fix the abnormal behavior for GIF display setting

[HMI-214] Fix the abnormal behavior for offline simulation

[HMI-217] Fix the abnormal behavior for HMI operation

[HMI-230] Fix the abnormal behavior for LS driver

**Version 1.5.38****(2019/06/19)***New Function*

- [HMI-30 ] Add the previous/next screen function
- [HMI-99 ] Support original size function for image
- [HMI-246] Add the backup XNV address function
- [HMI-262] Support Unicode string for tag library filter

*Function Revision*

- [HMI-117] Improve the stability for pass through
- [HMI-173] Enhance the user-friendly UI
- [HMI-212] Improve the system stability
- [HMI-213] Improve the display effect for text object blink
- [HMI-218] Improve UFRP efficiency
- [HMI-236] Improve the stability for HMI
- [HMI-240] Improve the use for memory space
- [HMI-242] Improve the stability for uploading project
- [HMI-248] Improve the stability for script
- [HMI-282] Improve the efficiency for packet assembly/disassembly of Fatek driver

*Correction*

- [HMI-101] Fix the abnormal behavior for printing current screen of FvRT
- [HMI-174] Fix the abnormal behavior for exporting file of operation log and data log
- [HMI-183] Fix the abnormal display for operation viewer's text
- [HMI-188] Fix the abnormal display for date/time display's text
- [HMI-190] Fix the abnormal behavior for alarm display
- [HMI-192] Fix the abnormal behavior for memory address interface
- [HMI-199] Fix the abnormal behavior for status bar alarm
- [HMI-200] Fix the abnormal behavior for uploading
- [HMI-203] Fix the abnormal display for memory address
- [HMI-206] Fix the abnormal behavior for script
- [HMI-207] Fix the abnormal behavior for search and replace
- [HMI-209] Fix the abnormal behavior for Ladder
- [HMI-210] Fix the abnormal behavior for font generation
- [HMI-219] Fix the abnormal behavior for text library

- [HMI-220] Fix the abnormal display for text object
- [HMI-221] Fix the abnormal display for recipe table
- [HMI-223] Fix the abnormal behavior for historic trend
- [HMI-232] Fix the abnormal display for switch's text
- [HMI-235] Fix the abnormal display for operation log's text
- [HMI-238] Fix the abnormal display for image in new model
- [HMI-253] Fix the abnormal display for IGU value-added service
- [HMI-259] Fix the abnormal display for quick launch bar
- [HMI-261] Fix the abnormal behavior for import of tag library
- [HMI-263] Fix the abnormal behavior for copy and paste of tag library
- [HMI-265] Fix the abnormal display for object list icon
- [HMI-270] Fix the abnormal behavior for audio in new model
- [HMI-273] Fix the abnormal behavior for decompile
- [HMI-274] Fix the abnormal behavior for function switch
- [HMI-279] Fix the abnormal behavior for copy screen
- [HMI-284] Fix the abnormal display for text Input
- [HMI-286] Fix the abnormal display for notification setting
- [HMI-289] Fix the abnormal behavior for selector list
- [HMI-291] Fix the abnormal behavior for screen update
- [HMI-304] Fix the abnormal display for simulation's language

**Version 1.5.39****(2019/07/05)***New Function*

[HMI-302] Support progress bar function of reading file for historic trend

[HMI-303] Add the download date time display function

*Function Revision*

[HMI-171] Improve the display for datatype's language

[HMI-181] Improve the efficiency for editing data log

[HMI-216] Improve the stability for recipe

[HMI-296] Improve the operation for downloading

[HMI-307] Improve the stability for updating PLC project by USB

[HMI-311 ] Improve the stability for UFRP

[HMI-333] Improve the stability for interface display

[HMI-346] Improve the system stability

*Correction*

[HMI-131] Fix the abnormal display for updating project by USB

[HMI-176] Fix the abnormal display for multi-copy

[HMI-247] Fix the abnormal display for historic data table

[HMI-277] Fix the abnormal behavior for file management system

[HMI-288] Fix the abnormal display for slide switch

[HMI-301] Fix the abnormal behavior for downloading pdw

[HMI-308] Fix the abnormal behavior for text library

[HMI-325] Fix the abnormal display for historic trend

[HMI-328] Fix the abnormal behavior for function switch

[HMI-332] Fix the abnormal display for FBF Reader

[HMI-335] Fix the abnormal display for sub switch

[HMI-341] Fix the abnormal display for alarm scrolling text

[HMI-342] Fix the abnormal display for table

[HMI-352] Fix the abnormal display for compile result

## Version 1.5.40

(2019/07/16)

### *New Function*

[HMI-317] Support user to modify the link setting in HMI runtime

[HMI-368] Support fill function for XY scatter

### *Function Revision*

[HMI-329] Improve the default size for host idle time of Modbus Slave

[HMI-354] Enhance the user-friendly UI for XY scatter

[HMI-357] Update Simplified Chinese text library

### *Correction*

[HMI-314] Fix the abnormal behavior for historic trend x-axis scroll bar

[HMI-320] Fix the abnormal display for warning window

[HMI-344] Fix the abnormal display for script

[HMI-349] Fix the abnormal display for security setting

[HMI-360] Fix the abnormal behavior for FX3U Ethernet ASCII driver

[HMI-364] Fix the abnormal display for import of text library

[HMI-371] Fix the abnormal display for warning messages of window display

[HMI-374] Fix the abnormal behavior for historic trend

[HMI-375] Fix the abnormal behavior for text object

## Version 1.5.41

(2019/07/31)

### *New Function*

[HMI-297] Support sequential mode for FvRT data log

### *Function Revision*

[HMI-340] Update texture image of image library

[HMI-379] Improve the program stability

[HMI-380] Improve the system stability

[HMI-381] Enhance the user-friendly UI for decompile

[HMI-383] Improve the stability for USB/COM uploading

[HMI-394] Improve the stability for paint in HMI

[HMI-395] Improve the script efficiency

[HMI-402] Enhance the user-friendly UI for schedule

[HMI-408] Improve the stability for compile

### *Correction*

[HMI-382] Fix the abnormal display for continuous reading bit by Fatek driver

[HMI-384] Fix the abnormal display for reading historic trend file

[HMI-386] Fix the abnormal behavior for compile

[HMI-389] Fix the abnormal behavior for data log

[HMI-390] Fix the abnormal behavior for search and replace

[HMI-392] Fix the abnormal behavior for alarm setting

[HMI-407] Fix the abnormal behavior for previous/next screen

## **Version 1.5.42**

**(2019/08/06)**

### *New Function*

[HMI-159] Support diversity indication style for the object operation

[HMI-356] Add clearer messages while canceling the mission of file transfer

### *Function Revision*

[HMI-280] Improve the operation for screen list

[HMI-410] Improve the prompt messages for downloading

[HMI-412] Improve the operation procedure for iAccess

[HMI-418] Improve the system stability

### *Correction*

[HMI-409] Fix the abnormal display for recipe table

## **Version 1.5.43**

**(2019/08/13)**

### *Function Revision*

[HMI-416] Improve the stability for pass through

[HMI-425] Improve the procedure to turn on HMI

### *Correction*

[HMI-430] Fix the abnormal behavior for uploading by USB

## Version 1.5.44

(2019/08/22)

### *Function Revision*

- [HMI-442] Improve the system stability
- [HMI-444] Improve the stability for compiling
- [HMI-449] Enhance the user-friendly UI for PLC resource information
- [HMI-450] Improve the stability for script
- [HMI-452] Improve the operation for import of tag library

### *Correction*

- [HMI-435] Fix the abnormal display for recipe
- [HMI-436] Fix the abnormal behavior for system restore by COM port
- [HMI-439] Fix the abnormal display for lamp/switch
- [HMI-451] Fix the abnormal behavior for FTP
- [HMI-453] Fix the abnormal behavior for communication function
- [HMI-456] Fix the abnormal behavior for VNC