



Smart Editor Ver. 1.1.5.0 Update Information

	V10	V9	TS4000	TSi/TS	V8i(N)/V8(N)	X1
System program	Ver. 1.800	Ver. 3.700	Ver. 1.500	Ver. 2.470	Ver. 2.390	Ver. 2.400 ^{*2}
OS	Ver. 1.90 ^{*1}	Ver. 5.10 ^{*1}	Ver. 1.30			

^{*1} Storage is necessary for updating.

^{*2} Please download the X1 update program from our website. For the update procedure, refer to the "Update procedure" provided with the update program.

Connection

1 Additional connectable device: Fuji Electric FY10/FY20(MODBUS RTU)

Applicable model: V10, V9, TS4000, TSi/TS, X1

Device: Fuji Electric FY10/FY20(MODBUS RTU)

2 Additional connectable device: Fuji Electric FRENIC-Mini(C3)(MODBUS RTU)

Applicable model: V10, V9, TS4000, TSi/TS, X1

Device: Fuji Electric FRENIC-Mini(C3)(MODBUS RTU)

3 Additional connectable device: Fuji Electric ALPHA7S(MODBUS RTU)

Applicable model: V10, V9, TS4000, TSi/TS, X1

Device: Fuji Electric ALPHA7S(MODBUS RTU)

4 Additional connectable device: Haiwell A Series Card-type(Ethernet TCP/IP)

Applicable model: V10, V9, TS4000, TSi, X1

Device: Haiwell A Series Card-type(Ethernet TCP/IP)

5 Extended specifications: MITSUBISHI ELECTRIC iQ-R series TAG(Built-in Ethernet) LREAL type 64-bit supported

Applicable model: V10, V9, TS4000, X1

Device: MITSUBISHI ELECTRIC iQ-R series TAG(Built-in Ethernet)

6 Extended specifications: KEYENCE Port No. table supported

Applicable model: V10, V9, TS4000, TSi, X1

Device: KEYENCE KV-7000/8000(Ethernet TCP/IP)

KEYENCE KV-X500/X300(Ethernet TCP/IP)

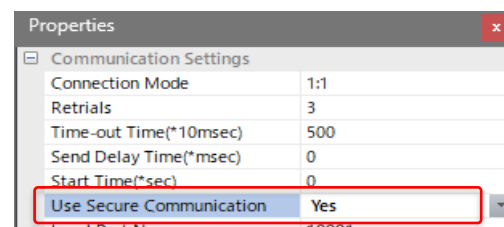
7 Extended specifications: Siemens S7-1200/1500 Optimized Tag (Ethernet ISOTCP) Secure communication supported

Applicable model: V10, TS4000

Device: Siemens S7-1200/1500 Optimized Tag (Ethernet ISOTCP)

Setting location: PLC Properties -> [Communication Settings] ->

[Use Secure Communication: Yes]



8 Extended specifications: CODESYS CODESYS V3(Ethernet) User ID/password supported

Applicable model: V10, V9, TS4000, X1

Device: CODESYS CODESYS V3(Ethernet)

Setting location: PLC Properties -> [Target Settings] -> specify [User Name]/[Password] in the [PLC Table]

PLC Table									
No.	Port Name	Identify By	IP Address	Port No.	Device Name	GW Address	GW Port	User Name	Password
0	PLC	IP Address	192.168.1.1	11740				admin	*****
1									
2									
3									
4									

Function

1 Trend sampling Function added

Applicable model: V10, V9, TS4000, X1

■ Display data at cursor position

<Overview>

Trend sampling displays the values at the intersection of the vertical cursor line and each graph. You can visually check the values on the graph.

<Setting location>

Properties -> [Main] -> [Detail] -> [Display Cursor Data Value: Yes]

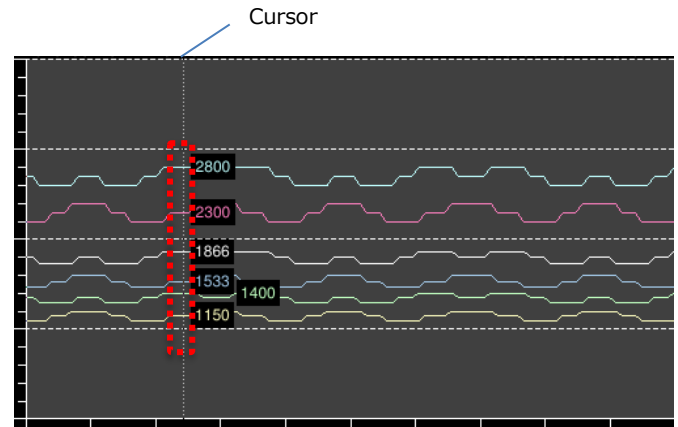
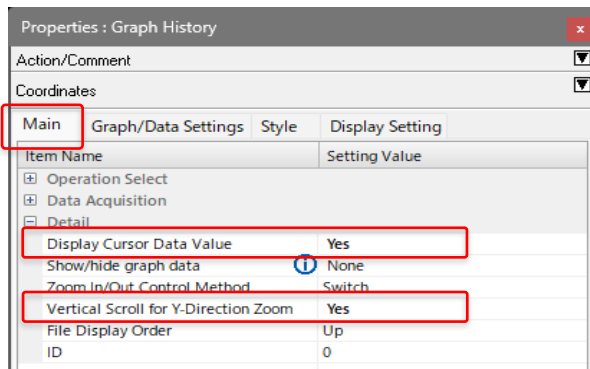
■ Support vertical scroll when zoomed in

<Overview>

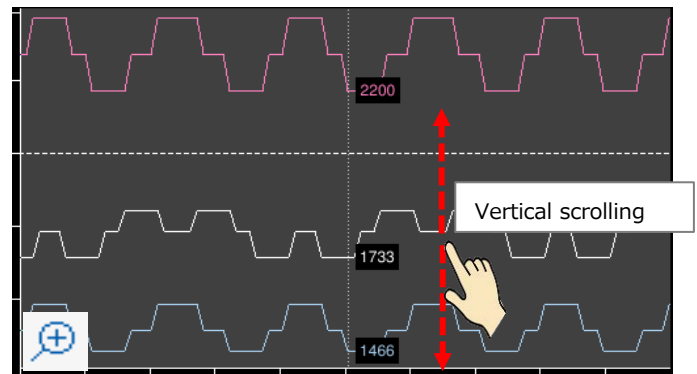
When the graph is enlarged in the Y-direction, you can also check areas outside the display range by scrolling up and down. This allows efficient viewing of a wide range of data.

<Setting location>

Properties -> [Main] -> [Detail] -> [Vertical Scroll for Y-Direction Zoom: Yes]



When enlarged in the Y-direction



2 Flowing Message Function added

Applicable model: V10, V9, TS4000, X1

<Overview>

You can control whether flowing messages are displayed. Flowing messages can be displayed only on needed screens, so screen visibility is improved, and display can be adjusted to suit operation.

There are 2 methods as follows:

- Bulk hiding using the Display Prohibition Bit
- Specify screens to display

<Setting location>

Project View -> [System Settings] tab -> [Alarm] -> [Flowing Message]

* Flowing messages require alarm server settings.

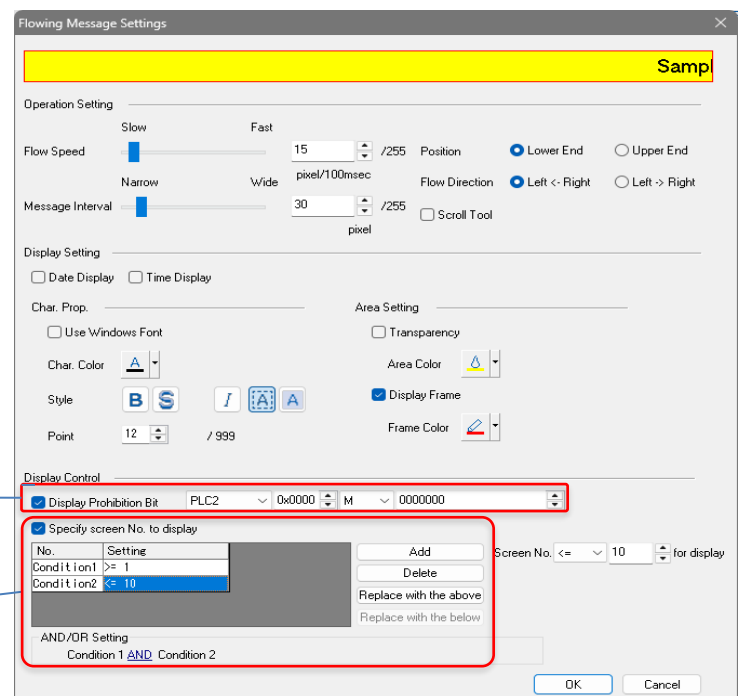
Display Prohibition Bit

OFF: Display

ON: Hide

Specify screen No. to display
(Max. 5 conditions)

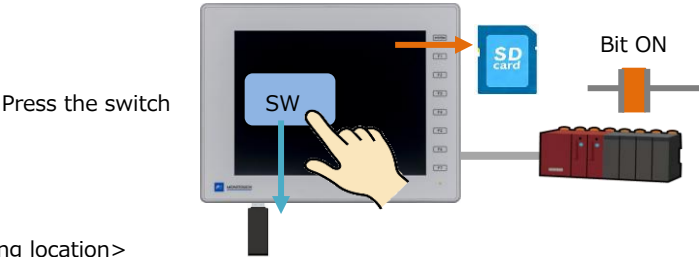
Example: Display on screens 1 through 10



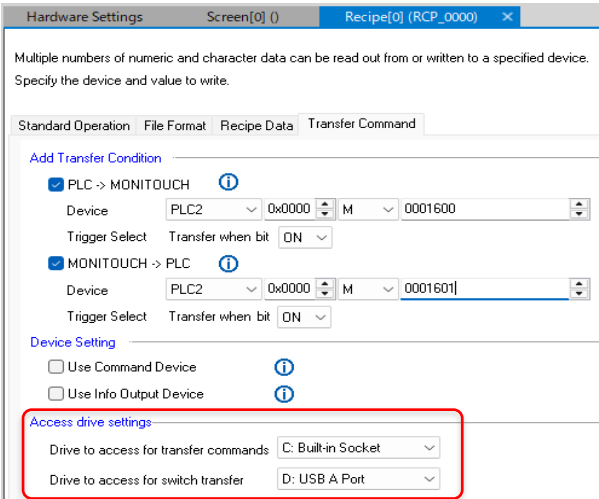
3 Recipe Access drive settings supported

Applicable model: V10, V9, TS4000, X1

<Overview>
When transferring recipes, the access drive can be specified according to the execution method (PLC or switch function). By specifying the transfer destination individually, storage can be separated depending on operational needs, and recipes can be managed more efficiently.



<Setting location>
Project View -> [System Settings] tab -> [Recipe] -> [Transfer Command] -> [Access drive settings]



4 Network camera General HTTP-MJPEG/HTTPS-MJPEG supported

Applicable model: V10, V9, TS4000

<Overview>
Network cameras that support the HTTP-MJPEG and HTTPS-MJPEG protocols can be connected. It also supports automatic detection of Basic/Digest authentication and connections using self-signed certificates. This allows various network cameras to be connected simply by configuring camera information such as the IP address, port number, and stream path.



<Network Camera Table Settings>
[Hardware Settings] -> [Network Camera]
- HTTP-MJPEG V10/V9/TS4000
- HTTPS-MJPEG V10/TS4000
- Stream Path

Network Camera Table Settings							
No.	Manufacturer	IP Address	Port No.	Basic Auth	User ID	Password	Stream Path
0	HTTP-MJPEG	192.168.1.90	80	☒	hakko1	*****	/nphMotionJpeg?Rel
1	Panasonic	192.168.1.91	80	☒	hakko1	*****	
2	HTTP-MJPEG	192.168.1.92	80	☒	root	*****	/axis-cgi/mjpg/v
3	HTTP-MJPEG	192.168.1.253	80	☒	hakko-elec	*****	/nphMotionJpeg?Rel
4	HTTP-MJPEG	192.168.1.10	80	☒	hakko	*****	/nphMotionJpeg?Rel

5 Error message display for SD card abnormality detection

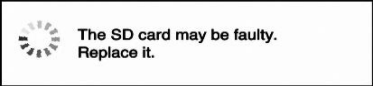
Applicable model: V10, V9

<Overview>
At power-on, if an abnormality is detected on the SD card, access to storage is stopped and an error message is displayed. Early detection of abnormalities helps prevent unexpected MONITOUCH shutdowns and speeds up troubleshooting.

<Setting location>
Project View -> [Hardware Settings] tab -> [MONITOUCH Settings] -> [Unit Settings] -> [General Settings] -> [Storage] -> select [Enable detection of storage error] checkbox.

*OS Updating is necessary

<System device>
- \$s1583 Error display (Center of screen)
1: Shown
Other than 1: Hidden



- \$s1584 SD card abnormality Bit 0
0: Normal
1: Error

6 X1 USB storage transfer in factory default state

Applicable model: X1

<Overview>
X1 supports USB storage transfer under the following conditions.
This streamlines initial on-site setup and enables smooth screen data transfer.
- Factory default settings
- Screen data erased

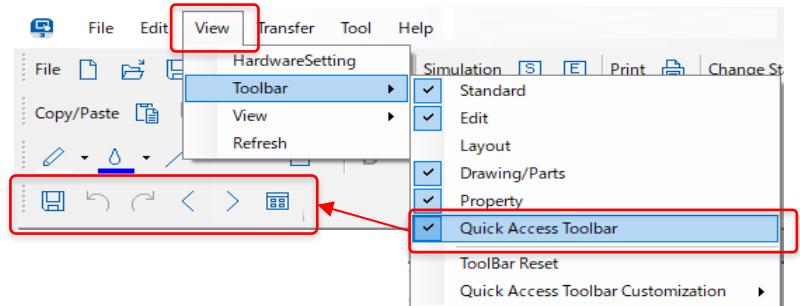
<Supported drive>
W drive only

1 Operability improved

■ Quick access toolbar

<Overview>

You can now add frequently used functions to the Quick Access Toolbar. This reduces the time spent on menu navigation, thereby improving screen design efficiency and usability.

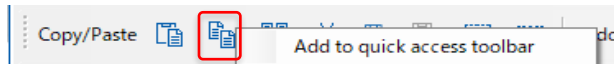


<How to add/remove icons>

1. Using toolbar icons (Grayed-out icons cannot be modified)

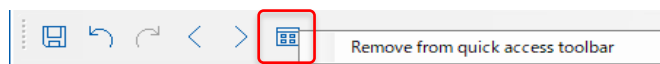
- To add

Right-click an icon on the toolbar -> select [Add to quick access toolbar]



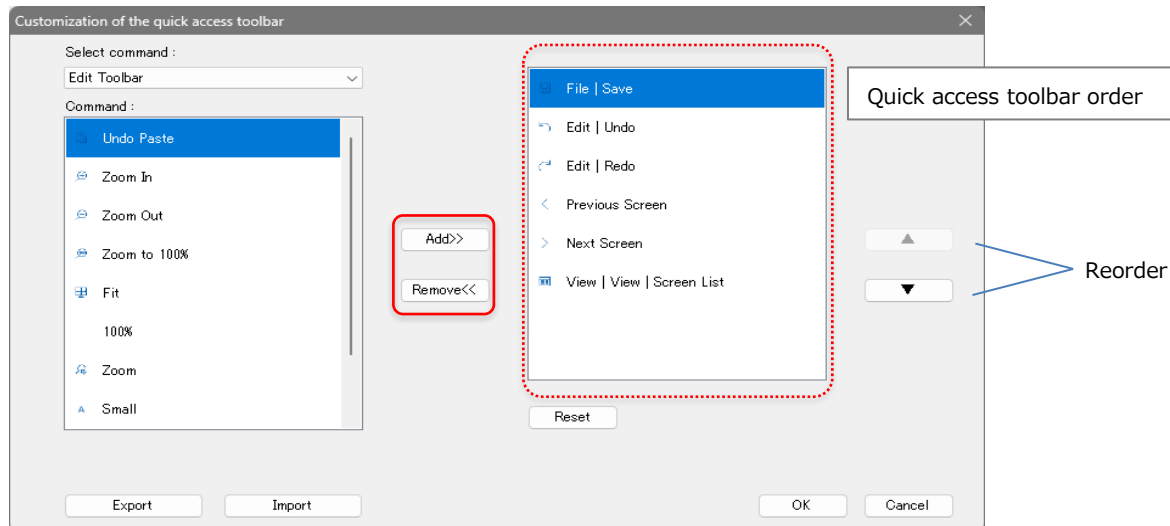
- To remove

Right-click an icon on the quick access toolbar -> select [Remove from quick access toolbar]



2. Using customize dialog

[View] -> [Toolbar] -> [Quick Access Toolbar Customization] -> [Other commands] -> [Add/Remove]



■ Zooming and part selection

You can now smoothly zoom in and out of the target area in 10% increments, centered on the mouse pointer, by holding down the Ctrl key and scrolling the mouse wheel.

Additionally, the hit area for part selection has been expanded by 2 dots, making it easier to select small parts.

■ Overlap editing

You can now quickly access and edit parts in the Overlap Library.

[File] -> [Properties] -> [Edit] -> select [Set the default setting for overlap library editing to overlap editing] checkbox.

Default: Unchecked

■ Paste

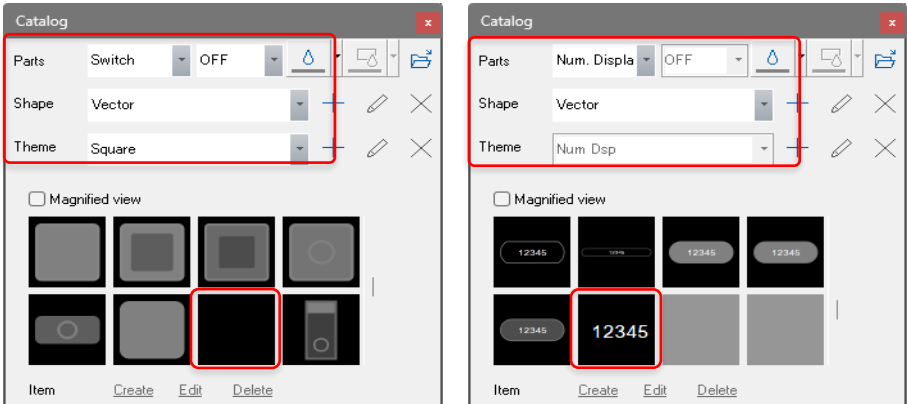
You can now paste at the mouse pointer position, streamlining part placement.

[File] -> [Properties] -> [Edit] -> select [Paste at the mouse pointer position] checkbox.

Default: Unchecked

2 Vector Graphics Supported parts added

- Applicable model: X1
- <Overview>
The following transparent parts without decorations have been added.
- Switch/Lamp
Shape: Vector
Theme: Square
 - Num.Display/Char.Display
Shape: Vector



3 MES Setting Data type: CHAR Words extended (128 -> 1024)

- <Overview>
When "Data type: CHAR" is selected in the MES Setting,
the maximum word count is extended from 128 to 1024.
- <Setting location>
Project View -> [System Settings] tab -> [MES]

Write Read Search condition			
Max Record		0	<button>Add</button> <button>Change</button> <button>Delete</button>
Line name	Data type	Word	Data
ID	DEC-	1	\$u00000
NAME	CHAR	1024	\$u00010

Other

1 HP printer Supported version updated

- Applicable model: V10, TS4000
- <Overview>
The supported version of the HP printer is updated from hplip-3.22.10 to hplip-3.25.8.

★OS Updating is necessary

Check the HP website for the version of each HP printer.