

Improvement information on X1 series Ver. 1.100 (Apr. 1, 2021)

◆ Hardware for X1 series

No	Item	Improvement	X1 Series V1.100
2140L01	Playing audio	Fixed the defect: When a JUNK chunk is located before the format chunk in an audio file or when a 24-bit audio file data is 3 bytes, the audio file cannot be played.	●
2140L02	Trend sampling	Fixed the defect: When a screen program containing a trend sampling part configured with [Detail] -> [Zoom In/Out] -> [Controlled by] set to [Device] is transferred to a V9 series unit with system program version 1.800 or later, the message, "Error 65: The scale or graph is not set correctly in the trend part setting." is displayed.	●
2140L03	Macro command	Fixed the defect: The operation of the SYS (OVLP_SHOW) macro command differs from that on the V8 series with respect to hidden overlap displays.	●
2140L04	Pattern display	Fixed the defect: The blink display differs from that on the V8 series for the following patterns. - The [Transparent Color] is white. - A blinking color is included.	●
2140L05	Cycle macro command	Fixed the defect: When the processing time for the communication cycle is longer than that for a cycle macro command, the time necessary to execute the cycle macro command is long on the V9 series compared to the V8 series.	●
2140L06	Data transfer service	Fixed the defect: When the storage device is removed from the V9 series unit during data transfer (GET), an error does not occur because the information output device memory remains set to "0".	●
2140L07	Remote desktop	Fixed the defect: When the Keyence XG-X2000 image processing system is the server, displaying is possible but operation is not.	●
2140L08	Panasonic LP430	Fixed the defect: The V9 series unit reboots if a macro command is used to write to a device memory that does not support block write and bit write operations.	●
2140L09	EthernetDLL	Fixed the defect: When attempting access to a \$P device memory address using an external Ethernet command such as EthernetDLL communication, an error occurs and access is not possible.	●
2140L10	Logging server	Fixed the defect: The V9 series unit may reboot if the [Output logging data in binary format] checkbox is selected on the [System Setting] -> [Unit Setting] -> [General Settings] tab window, multiple logging servers (among No. 0 to 11) are configured, and all of those servers output data to a storage device at the same timing.	●
2140L11	Component parts	Fixed the defect: When a screen with a component part is included in the range specified at [Storage Setting] -> [Range of Screens to be Saved to storage], the component part is not displayed on the V9 series unit.	●
2140L12	Logging server	Fixed the defect: When a V8 screen program has a [Buffering Area Setting] for a trend part with [Sampling] set to [Constant Sampling] and [Primary storage target] set to "DRAM", converting the program into a V9 screen program and transferring it to the V9 series unit results in the setup error, "The maximum capacity of the logging server has been exceeded."	●
2140L13	Overlap display	Fixed the defect: When multiple overlap displays are shown, the buzzer that sounds when switching between overlaps does not turn OFF even if system device memory \$s75 is set to "1".	●
2140L14	Siemens PLC	Fixed the defect: When any device memory type other than T or C is specified as the command device memory for the graphic mode and "1" is written to the command device memory, byte swapping does not occur and the written value is processed as "256".	●
2140L15	Watchdog device memory	Fixed the defect: When the V9 series unit boots with the Watchdog device memory set to "0" and the Answer-back device memory set to "1", the Answer-back device memory cannot be set to "0".	●

◆ Communication driver for X1 series

No	Target driver	Improvement	Version
2140M01	Simulator	Fixed the defect: When the Fuji Electric MICREX-SX is selected as the [Edit Model] and the [Use SPH3000MM] checkbox is selected, system error 40 occurs if ES0 and ES1 of the same device memory address exist and the V9 series unit is in RUN mode with a connection established using the simulator.	Seial: V1.500 USB: V1.510 Ethernet: V1.510
2140M02	BECKHOFF Tag ADS Protocol	Fixed the defect: The V9 series unit displays the message, "Data loading..." and repeatedly reboots in the following cases. - [Communication Setting] -> [Start Time] is set to other than "0". - A PLC device memory address is specified for a comment part with [Process Cycle] set to [Low Speed].	V1.370
2140M03	Panasonic LP-400	Fixed the defect: The V9 series unit reboots if a macro command is used to write to a device memory that does not support block write and bit write operations.	V1.400