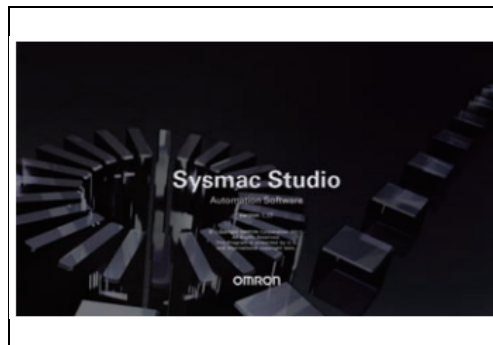


**Modification Notice of Automation Software Sysmac Studio version
upgrade (Ver.1.58).****[Target Products]**

Machine Automation Controllers

SYSMAC-SE200D
SYSMAC-SE200D-64

(There is no modification in
SYSMAC-SE2□□L, SYSMAC-VE0□□L,
SYSMAC-ME0□□L, SYSMAC-NE0□□L,
SYSMAC-DE0□□L, SYSMAC-FE0□□L,
SYSMAC-TA4□□L or SYSMAC-SA4□□L-64,
because they are license certificates.)



< Refer to the " [Details of applicable model] " . >

[Effective Date]

SYSMAC-SE200D (32 bit):

Effective as of our production (Ver.1.58) on May 16th, 2024.

SYSMAC-SE200D-64 (64 bit):

Effective as of our production (Ver.1.58) on May 8th, 2024.**[Reason for change]**

To upgrade of products

[Changes]

Please refer to "20231205_PDC_00002 : Modification Notice of Automation Software Sysmac Studio (SYSMAC-SE200D and SYSMAC-SE200D-64)" about the change of [System Requirements: Operating system].

[Changes]
<Changes of Sysmac Studio Ver.1.58>

Before the change	After the change
The functions on the right were not provided in Ver.1.57 or older.	Sysmac Studio Ver.1.58 [Support of New Type] - Support the following Controllers. - NX502 CPU Unit ver. 1.66 - NX502-1600 - NX502-1700 - Support the following X Bus Unit. - NX-EIP201 Ver. 1.01 [New functions] <Safety> - NX-EIP201 Unit allows both communication methods, CIP Safety and Tag Data Link, simultaneously. - It is possible to print a FBD program at a high resolution. - It is possible to select the printing magnification for FBD programs. [Improved functions] <Common to Sysmac Studio> - Solved the problem that canceling an NA integrated simulation during preparation and re-trying the simulation could force-quit Sysmac Studio. - Solved the problem that switching devices or using features provided by option licenses might force-quit Sysmac Studio. <Controller> - Solved the problem that editing a program, running a simulation, or performing online editing repeatedly might display the message saying "Unexpected changes were detected" and disable online editing. - Solved the problem that detailed comparison was not available for data types while opening Sysmac Diff from the Show Change History for Project menu in Version Control. - Solved the problem that explanations for initialization parameter setting items on the EtherCAT slave parameter setting window might not be displayed correctly. - Revised the message displayed by clicking Reset All on the troubleshooting dialog for Controller. - Solved the problem that even when the initial value of a variable was not correct, the variable table might not indicate an error. - Solved the problem that opening the File menu might shut down Sysmac Studio abnormally. - Solved the problem that specifying a long folder path to export a project file might shut down Sysmac Studio abnormally. - Solved the problem that a comparison result might not be displayed correctly when drag and drop a section of a ladder program to another ladder program. - Solved the problem that using the same variable in many locations in a ladder rung diminished the performance of the Ladder Editor. - Improved the performance when changing the controller model.

[Changes]

<Changes of Sysmac Studio Ver.1.58>

Before the change	After the change
The functions on the right were not provided in Ver.1.57 or older.	[Improved functions] <Safety> - Solved the problem that displaying controller status of a Safety CPU Unit might force-quit Sysmac Studio. - Solved the problem that monitoring a Safety I/O Unit might force-quit Sysmac Studio. - The file exported by the coupler unit I/O mapping export function includes an SRA parameter list. <HMI> - Solved the Version Control problem that an IAG with conditions incapable of merging was merged. - Solved the problem that copying an image file once registered as a resource after it had been removed might shut down Sysmac Studio abnormally. - Corrected a wrong Chinese description about serial port parity settings. - Solved the problem that IAG events were not displayed. - [Runtime] Solved the problem that setting an out-of-range value to the max. or min. value of a broken-line graph in Soft-NA abended Sysmac Studio. - [Runtime] Solved the problem that an attempt to display a page with quite a lot of reference variables might abend Soft-NA or the simulator. - [Runtime] Solved the problem that an error might not be indicated properly or Soft-NA or the simulator might abend when the page display went into an infinite loop. - [Runtime] Solved the problem that the troubleshooter might cause an error while attempting to display the event log of an NX Unit on the EtherCAT Coupler Unit. - [Runtime] Solved the problem that the Safety Monitor might cause an error while connecting to a Safety CPU Unit on the EtherCAT Coupler Unit. <Robot Integrated CPU Unit> - Solved the problem where mechanical components and parallel link models imported through the 3D object import functionality could not be version-controlled. - Solved the problem where the collision detection for mechanical components was not working properly during a behavior simulation.

[Changes]

<Changes of Sysmac Studio Ver.1.57>

Before the change	After the change
The functions on the right were not provided in Ver.1.56 or older.	Sysmac Studio Ver.1.57 [Support of New Type] - Support the following EtherCAT Slave. - NXR-ILM08C-ECT [New functions] <Controller> - Support export and import of axis settings and axes group settings. - Support deleting multiple axis settings and axes group settings. - It is now possible to edit sampling settings of Automation Playback while the Controller is in operation. - It is now possible to select collection targets for Automation Playback in units of variables. [Improved functions] <Controller> - Solved the problem that structure members were sometimes not copied even when the structure was copied while conducting the Detailed Comparison in the Version Control function. - Solved the problem that inconsistencies in project data could occur when overwriting data types with overlapping namespaces while conducting the Detailed Comparison in the Version Control function. - Solved the problem that the Detailed Comparison window for the Version Control function might indicate “Different” in Comparison Results even after erasing all differences. - Solved the problem that when opening the Detailed Comparison window of the Version Control function, the re-comparison window sometimes opened many times. - Solved the problem that some variables were sometimes not found on the rung pattern copy setting window. - Solved the problem that numbers were not automatically added to the end of the project name when importing multiple of the same project. - Solved the problem that the topology associated with the EtherCAT port could not be restored when importing an IEC 62714 AutomationML file. <HMI> - Solved the problem that unnecessary property items were sometimes displayed when editing an object within an IAG after running a simulation. - Solved the problem that changing a controller name after performing Save As might not be reflected in the HMI. - [Runtime] Solved the problem that a character string of an IAG object was displayed in unintentional manner when there were objects with the same name for a Tab Control and an IAG.

[Changes]

<Changes of Sysmac Studio Ver.1.57>

Before the change	After the change
The functions on the right were not provided in Ver.1.56 or older.	Sysmac Studio Ver.1.57 [Improved functions] <Robot Integrated CPU Unit> - Solved the problem where the behavior area could not be snapped to a specific 3D object while setting behaviors.

[Details of applicable model]

Models / Specification
SYSMAC-SE200D
SYSMAC-SE200D-64

Specifications in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.