PRODUCT NEWS

NO:	**PC-425**	**PRODUCT:**	**SYSMAC STUDIO**
DATE:	**October 2021**	**TYPE:**	**Software Update**

Sysmac Studio (SYSMAC-SE200X) Version 1.47 Release Note
(Contains expanded product capabilities and significant bug fixes)

Effective October 4 2021, the following Sysmac Studio software will be updated to Version 1.47. Changes in Version 1.47 are listed below and this update will be available via Auto Update for 32 and 64 Bit Version. Starting November 2021, .iso install files will be available for both 32 and 64 bit versions

■ Updates:

■ Support of New Hardware

NJ101 --[]000 Controller Ver.1.47 NJ101 --[]020 Controller Ver.1.27 NJ301 Controller Ver.1.47 NJ501 1[]00 Controller Ver.1.47 NJ501 1[]20 Controller Ver.1.27 NJ501 1[]40 Controller Ver.1.27 NJ501 4[][]0 Controller Ver.1.27 NJ501 5300 Controller Ver.1.27 NX1P2 Controller Ver.1.47 NX102 --[][]00 Controller Ver.1.47 NX102 --[][]20 Controller Ver.1.38 NX701 Controller Ver.1.27 NJ501 R[][]0 Controller Ver.1.47	
3G3RX2	

New Enhanced/Improved Functions

■ **Controller**

- 3D simulations of Custom Mechanics (electric chuck and electric cylinder) and Parallel
- Support the event "LINK settings not supported."
- The settings for Exclusive Control of Variables in Tasks are available in a Ladder program.
- Solved the problem that users would be allowed to paste a text including an illegal character code in the ST Editor.
- Solved the problem that a canceled edit might be applied to the initial value settings of the variable table.
- Solved the problem that redisplaying the Initial Value Setting dialog while an initial variable value was not finalized might not reflect the editing initial value in the Initial Value Setting dialog.
- Solved the problem that double-clicking a variable name for a ladder circuit part during the input state did not make the string selectable.
- Solved the problem that changing the project unit version disabled the system variable P_First_Run.
- Solved the problem that simulator failed to boot up whose project included both slave units other than OMRON and branching slave units in its EtherCAT configuration, in a simulation of the controller with the project unit version 1.40 or later.
- Improved the issue that the Backup Variables and Memory function might take time to show the Select Variables dialog box.
- Solved the problem that the I/O map monitor might not showsomeI/O port current values.
- Monitoring current values of variables is possible during a Shape Script debugging.
- Improved the usability to adjust the origin of the CAD data imported to the 3D Visualizer.
- Changed the default communication settings for the NX701 Controller at a new project creation.

■ **HMI**

- Support the font settings replacement function.
- Support the function to re assemble variable mapping information.
- Improved the usability to copy the font settings when multiple objects are selected.
- Improved the position of the Animation icons for width and height.
- Improved the usability to finalize an entry of condition expression with the Enter key in the Animation dialog.
- Improved the usability to enable the default value in the version control function.
- Solved the problem that changing a page name while displaying the Cross Reference tab page might terminate Sysmac Studio abnormally.

- Solved the problem that variable registration from the global variable table to controller was not available.
- Solved the problem that entering a registered variable name into a condition expression called for the variable registration dialog.
- Solved the problem that a period (.) for a variable of the user alarm additional information might abnormally terminate Sysmac Studio.
- [Runtime] Solved the problem that the offset for a line graph was not applied when NA booted up.
- [Runtime] Solved the problem that the text of an IAG object might not be shown correctly if the IAG object had the same name as a tab object.