

YASKAWA

Release Notes for MotionWorks IEC

Release 3.7.3

February 15, 2022

New Features		
Number	Summary	Release Notes
12285	Add support for Group Configuration on MP2600iec and Sigma-7Siec	Single-axis controller types MP2600iec and Sigma-7Siec now support groups for either gantry mechanisms or custom mechanisms. This allows conveyor tracking or other applications which might use some grouped axes as virtual axes. Build settings 3.7.3 is the minimum that will support groups for these controller types.
13784	Add option to select encoder type (absolute or incremental) for external encoder axes	The external encoder axis for the Sigma-7Siec feedback option card now supports setting an encoder type.
13870	Add support for SLIO 16-Point Digital IO	Hardware Configuration now supports the following SLIO modules: Supported by both Ethernet/IP and Mechatrolink-III bus couplers: 021-1BH00, 022-1BH00.
13880	XY Plotter enhancement for a second set of XY variables	The Advanced Plotting Tool now supports simultaneous plotting of two data sets.

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Bug Fixes		
Number	Identified Issue	Details
10853	MP2600iec didn't use parameter 1310 value (ControllerFeedForwardEnable) from Hardware Configuration	Previously, the disable setting was not written to the axis configuration file, so the controller defaulted to enabling velocity feed forward.
13869	SLIO 031-1BB90 Analog Input Card caused Unhandled Exception Error	This bug was introduced in MotionWorks IEC 3.7.2. Adding such an affected module to an EtherNet/IP SLIO bus coupler would result in an exception message in version 3.7.2. Dismissing the error message and continuing was possible. The configuration was saved, but the configuration assembly data that contains module parameter settings was incorrect.
13876	Cancelling the I/O Task Assignments dialog after reordering an assigned task in the tree caused a duplicate task to be created for the controller resource.	This bug has been fixed.

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Known Issues			
Number	Known Issue	Details	Workaround
7052	After Communication Time out, Controller Utilities is Unavailable	When online, if communication to the controller is lost the Online Menu has items enabled and disabled as if the controller is still online.	This can be corrected by attempting to go online again. Using the invalid menu items does not produce any negative result.
6795	Unidentified Unicode text strings when using "Language for non-Unicode programs" setting	This occurs when the MotionWorks IEC language is set to Japanese or Simplified Chinese on an English language OS. There are some situations where the displayed text is unidentifiable; a series of question marks are displayed instead.	1. Using Windows Update, install all the Asian language packs. 2. Set the language for non-Unicode programs to Japanese: Settings→Control Panel→Region and Language→Administrative→Change my system locale Use Japanese formats: Settings→Control Panel→Region and Language→Formats
6622	Project Wizard does not behave as expected.	In some circumstances, the Project Wizard will not create a new project.	For new projects, use the project templates instead of the Project Wizard.
5833	I/O group address range does not match text in global variables I/O group name	Editing the name of EtherNet/IP or Modbus device, or adding and deleting devices with the same settings can cause a disconnect between I/O Groups and Variable Groups that can cause the variable addresses to be unrelated to I/O group address range.	Save the Hardware Configuration between deleting a device and reentering it.
5753	Logic Analyzer does not upload data when toolbar button "Stop recording values" is pressed.	Logic Analyzer will not upload data after pressing the stop recording value button. The log buffer must fill up first for the data to be transferred.	Use continuous trace data logging.