



JetSym

Versions Update from V4.31 to V4.32



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1 Introduction

Overview of Version Update			
Version	Function	expanded	corrected
V4.3.2	Bug-ID #1088 Error in Online Help		✓
	Bug-ID #1498 Mein Menu remains open		✓
	Bug-ID #1688 Wrong File "ModConfig.da" with MC-Axis		✓
	Bug-ID #1692 Controller offline blocks Oscilloscope Recording		✓
	Bug-ID #1717 Clearing up Subdirectory "Platforms"		✓
	Bug-ID #1731 JetSym hangs up During the Load of a Workspace		✓
	Bug-ID #1737 Troubles during Creation of Project Configuration		✓
	Bug-ID #1732 Incomplete Conversion from JetSym ST to STX		✓
	Bug-ID #1793 Wrong Axis Address Calculation in Motion Wizard		✓
	Bug-ID #1795 Wrong Behavior in Output Window "Build"		✓
	Bug-ID #1796 Loosing Focus in Setup Window		✓
	Bug-ID #1807 "Test" Button in Axis Windows		✓
	Bug-ID #1809 Missing Update of Window "MC-Global"		✓
	Bug-ID #1810 Conversion Error from JetSym ST to STX		✓

	Bug-ID #1813 Wrong Takeover of New Values for Floating Point Registers		✓
	Bug-ID #1814 Displaying the Register Number of a Variable Removed		✓
	Bug-ID #1816 Moving the Cursor inside a Bit Displayed Value		✓
	Bug-ID #1819 Tooltip Flickers		✓
	Bug-ID #1832 Loosing Focus after editing Motion Command		✓
	Bug-ID #1835 Disappearance of Document's Dirty Bit Sign		✓
	Bug-ID #1836 Missing Dirty Bit Sign at Oscilloscope Files		✓
	Bug-ID #1838 Incorrect Register Value Display in Hardware Manager Setup		✓
	Bug-ID #1867 Wrong Takeover of Bus Node ID		✓
	Bug-ID #1881 Display of Structure Variables in Setup Window		✓
	Bug-ID #1882 Problems inside Hardware Manager Setup		✓
	Bug-ID #1887 Clipboard in Hardware Manager Setup		✓
	Bug-ID #1888 Incomplete Display inside Hardware Manager Setup		✓
	Bug-ID #1892 Cell Content Selection in Setup Window		✓

2 Expansions

3 Eliminated Software Bugs

3.1 Error in Online Help

Platform: JetSym Bug-ID #1088

In the description of type "Pointer to" (JetSym STX) the variables "Position" as well as "Target Position" were declared as type "int" instead of "float". So when taking over this example to the source code a warning message is displayed by the compiler.

3.2 Main Menu remains open

Platform: JetSym Bug-ID #1498

An opened main menu could mistakenly remained open when certain actions were made inside the hardware manager window.

3.3 Wrong File "ModConfig.da" with MC-Axis

Platform: JetSym Bug-ID #1668

If a MC-axis was located before or between modules of type "JX-BN-ETH" then a wrong file "ModConfig.da" was created.

3.4 Controller offline blocks Oscilloscope Recording

Platform: JetSym Bug-ID #1692

If reading values inside a setup window was interrupted by the controller going offline then the oscilloscope recording was interrupted as well, even the controller where the data is recorded from is different from the one which went offline.

3.5 Clearing up of Subdirectory "Platforms"

Platform: JetSym Bug-ID #1717

The subdirectory "Platforms" of the JetSym's installation directory was cleared up by removing all obsolete files.

3.6 Wrong Selection in Intellisense

Platform: [JetSym Bug-ID #1725](#)

In the program editor Intellisense displayed a wrong selection after a comma was entered inside a function call.

3.7 JetSym hangs up During the Load of a Workspace

Platform: [JetSym Bug-ID #1731](#)

If a structure was declared containing a member of type pointer to the same structure type then JetSym hung up as soon as the workspace was loaded.

3.8 Incomplete Conversion from JetSym ST to STX

Platform: [JetSym Bug-ID #1732](#)

After a project's conversion from JetSym ST to STX there was the necessity to make some manual adjustments, before the program could be compiled without any error. This effect was caused by external declarations and missing type specifications.

3.9 Troubles during Creation of Project Configuration

Platform: [JetSym Bug-ID #1737](#)

If the window "CPU" containing the interface and controller settings was opened after the creation of a new project configuration then its fields were still linked to the interface data of the previously active and not the new configuration. Therefore any changes were made to the wrong configuration data.

3.10 JetSym Exception Error

Platform: [JetSym Bug-ID #1753](#)

Using certain address numbers with Publish/Subscribe variables JetSym threw an exception during the download of all configurations.

3.11 Wrong Axis Address Calculation in Motion Wizard

Platform: [JetSym Bug-ID #1793](#)

All motion wizard commands with controller type "JC-940MC" with MC-axis over CAN interface miscalculated a wrong address during the compilation.

3.12 Wrong Behavior in Output Window "Build"

Platform: [JetSym Bug-ID #1795](#)

Any attempt to jump to the next or previous compiler error with the help of pressing F4 or SHIFT-F4 failed until the focus was manually set to the "Build" output window.

3.13 Loosing Focus in Setup Window

Platform: [JetSym Bug-ID #1796](#)

As long as the hardware manager's window "CPU" to define the interface settings was open, after every changes entered over the input dialog the setup window lost its focus.

3.14 "Test" Button in Axis Window

Platform: [JetSym Bug-ID #1807](#)

The button "Test" did not work with Ethernet axis inside a JetSym STX project.

3.15 Missing Update of Window "MC-Global"

Platform: [JetSym Bug-ID #1809](#)

After the transfer of an initialization file to a MC controller an open window "MC-Global" was not updated instantly. It had to be closed and re-opened again to force the update.

3.16 Conversion Error from JetSym ST to STX

Platform: [JetSym Bug-ID #1810](#)

At the conversion of a JetSym ST project to a STX one all "Goto" commands jumping to a task number were discarded. The resulted project could therefore still be compiled without any errors, but the STX program behavior could be extremely different compared to the ST one.

3.17 Wrong Takeover of New Values for Floating Point Registers

Platform: [JetSym Bug-ID #1813](#)

At controller's offering the possibility to define the range of integer and floating point registers the digits behind the dot of new floating point values were cut before the value was written to the register, even if it was of type float.

3.18 Displaying the Register Number of a Variable Removed

Platform: [JetSym Bug-ID #1814](#)

Deleting the variable name inside the setup window forced the register number to disappear, which is the correct behavior. If the setup was de- and reactivated again the register number reappeared event the variable name was deleted before.

3.19 Moving the Cursor inside a Bit Displayed Value

Platform: [JetSym Bug-ID #1816](#)

After unsuccessful attempts to change particular bits of a write-protected register value were made, the cursor could not be moved properly with the help of the left and right arrow keys. The cursor did either not move at all or jumped over a bit.

3.20 New Oscilloscope Channel Color was not taken over

Platform: [JetSym Bug-ID #1817](#)

Making a certain approach to define a new color for an oscilloscope channel could sometimes fail by not taking it over.

3.21 Tooltip Flickers

Platform: [JetSym Bug-ID #1819](#)

In case of displaying the window "CPU" as well as an active setup window inside an active worksheet at the same time, the tooltip sometimes flickered, if the cursor was located over certain symbols.

3.22 Loosing Focus after editing Motion Command

Platform: JetSym Bug-ID #1832

If after opening the dialog "Add Module" inside the hardware manager and a motion command was added or an existing one was edited right after, then the window of the program file mistakenly lost its focus. Any text inputs were discarded until the focus was manually set back to the program file's window again.

3.23 Disappearance of Document's Dirty Bit Sign

Platform: JetSym Bug-ID #1835

After deactivating the work sheet of a document containing not saved changes, the dirty bit sign mistakenly disappeared.

3.24 Missing Dirty Bit Sign at Oscilloscope Files

Platform: JetSym Bug-ID #1836

Even an oscilloscope document had been altered, the dirty bit sign was displayed until the document's window was de- and reactivated.

3.25 Incorrect Register Value Display in Hardware Manager Setup

Platform: JetSym Bug-ID #1838

In the setup part of the window named "CPU", the value "-2147483648" was mistakenly displayed by "???", which of course is incorrect.

3.26 Wrong Takeover of Bus Node ID

Platform: JetSym Bug-ID #1867

Manual user entry of bus node IDs were not taken over. After closing and reopening of the workspace the previous ID values were displayed again.

3.27 Display of Structure Variables in Setup Window

Platform: [JetSym Bug-ID #1881](#)

Uncommenting a structure variable expanded displaying all its members in the setup window had the effect, that the variable was still displayed in expanded mode and were not changed into collapsed mode as it should.

3.28 Problems inside Hardware Manager Setup

Platform: [JetSym Bug-ID #1882](#)

Under certain circumstances it was necessary to click twice inside a cell of the hardware manager's setup up window to be able to copy its content into the clipboard.

3.29 Clipboard in Hardware Manager Setup

Platform: [JetSym Bug-ID #1887](#)

Attempts to copy the content of a combo box selected into the clipboard failed always.

3.30 Incomplete Display inside Hardware Manager Setup

Platform: [JetSym Bug-ID #1888](#)

The combo box "Web State" inside the hardware manager setup did not display neither its content nor its selection values completely because the box width was not great enough.

3.31 Cell Content Selection in Setup Window

Platform: [JetSym Bug-ID #1892](#)

In the setup window the user was not able to select parts of a text using key combination "SHIFT+Arrow left", while "SHIFT+Arrow right" still worked properly.