

JMobile V2.0 SP1 Release Notes

This document reports the JMobile Studio V2.0
SP1 release notes

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1 JMobile V2.00 SP1 - Release Notes

New features and corrections in JMobile V2.00 Service Pack 1 are listed in the table.
All activity items are referenced with the Ticket ID number. This is the number used during development. It uniquely identifies the activity.

Build numbers references:

Previous version 2.0.0.265

Current version 2.0.1.240

All items are classified as

Activity: new feature

Bug: solution for a problem reported by users. In these cases the summary may include the CRM case identification number assigned during technical support.

Category	Ticket ID	Summary	Type
Branding	9343	Change SD card in gray / disable for targets not supporting it (Win32, UN60, UN20 today)	Activity
	9601	Add Multi language support in the installation procedures of JM Suite (EN,CH and DE)	Activity
Deployment and run time operation	9769	Notify user when dump actions failed	Activity
	9883	Improve error log for skipped js actions	Activity
	10183	Keep hidden JMobile runtime loading screen at boot until JMobile project is loaded and show it just if failed loading	Activity
	10465	Retentive Variables on Flash	Activity
	10991	Extend Runtime Win32 for supporting up to 10K tags	Activity
Documentation	10178	Manuals update EN/DE/ZH	Activity
	10741	SQL4automation enabled for eSMART products based on UN60	Activity
JM4web	9186	Fit to screen size of JM4web pages	Activity
	10119	Enable JM4web for eSMART UN60	Activity
Licensing	10009	Introduce "check your license status here" also in Win32 runtime only for EXOR BRAND	Activity
Protocol	9710	[INDR] include protocol Rexroth IndraControl	Activity
	9850	[VRBL] Add support for int64/uint64 data types	Activity
	10060	Porting protocols to Linux UN60 / eSMART and related validation	Activity
	10090	Modbus UDP	Activity
	10263	Help users to identify supported protocols based on target selected	Activity
	10357	[GEE2] GE SRTP add importer option for "COMMENT"	Activity
	10402	[MIQE] Extend protocol for Mitsubishi iQ-R, iQ-F series	Activity

Category	Ticket ID	Summary	Type
System Variables	10423	and tag import for GX Works 3 - Case ID: 201601025 [ETIP] Extend Ethernet/ IP protocol and tag import to support LREAL for Omron and Micro800 models - Case ID: 201601244	Activity
	10550	[S7ET] Changes to LOGO plc model data range - Case ID: 201601852	Activity
	10949	[MIQE] Change PLC Models order in protocol configuration - Case ID: 20163887	Activity
	8705	Wi-Fi signal strength in SHD4 return 100% when no link is up.	Activity
	10561	Split linear tag imports that allow multiple file selection - Case ID: 201601860	Activity
Tag Importer	10601	Rename "Generic import format (*.xml)" to "Tag Editor exported file (*.xml)"	Activity
Trends	9882	Trend computed initial range results up in blank screen (plot out of range)	Activity
Actions and Events	9139	ScrollTrendToTime action not working if "Page Duration" is higher than "30 min" - Case ID: 201503219	Bug
	9972	V2.00 Tag selection for action allows to select R-R/W-W options, but options are then not maintained - Case ID: 201506912	Bug
Alarms	10371	Hex field not refreshed (introduced)	Bug
	8404	Size of predefined Alarm Buffer and Audit trail buffer can not be edited anymore (introduced issue) - Case ID: 201405333	Bug
Codesys 2.3 (iPLC)	10480	[iPLC2] EXOR_IDAL_FTPget FB not working with FileZilla FTP server - Case ID: 201601538	Bug
Codesys 3.0 (iPLC)	10417	[iPLC3] Runtime faulty calculation of persistent memory - Case ID: 201600773	Bug
Data transfer	10342	Data transfer enters in a loop if one of the tags uses scaling and DT is bi-directional - Case ID: 201601010	Bug
	10359	Data Transfer with scaling on destination causes unwanted double write operation to controller - Case ID: 201601010	Bug
Deployment and run time operation	7014	Moving thumb of knob to all values is not possible in browser when the stop angle is over 300	Bug
	8419	Runtime updater fails when the logger is active - Case ID: 201503215	Bug
	9526	Tag editor scaling doesn't work properly for array tags and all array elements are reset to zero - Case ID: 201505561	Bug
	9670	Bad quality seeing always on widget in web page if it attached to a tag and an action attached to its OnDataUpdate event	Bug
	9905	Watchdog expired on UN31 after 6 days of running of customer project: leaks & deadlocks detected	Bug
	9906	Memory leak in Un31 with the attached project	Bug
	9932	Group ID property do not work as expected - Case ID:	Bug

Category	Ticket ID	Summary	Type
		201507173	
	9988	Indexed Tags not updated if used in Template Pages (introduced issue) - Case ID: 201507357	Bug
	9990	SetBit action not working on Indexed Tags - Case ID: 201507357	Bug
	10024	Customer application reboot: leak - Case ID: 201507254	Bug
	10042	Delete Dynamic Files doesn't work on customer's PC - Case ID: 201507133	Bug
	10092	OnDataUpdate event triggered twice due to number format - Case ID: 201506686	Bug
	10148	Backup operation fails if CODESYS 3 PLC is enabled on panel - Case ID: 201600067	Bug
	10197	Data entry on UTF16-LE coded string shows double refresh of numeric field - Case ID: 201600287	Bug
	10326	Project Manager do not show all project downloaded	Bug
	10365	Field not updated at page loading when value placeholder in JM is set as yyyy - Case ID: 201600700	Bug
	10435	Bit index of value property of an Hex numeric field is wrong, introduced issue - Case ID: 201601479	Bug
	10473	Bit Index xform on Recipe resources not working anymore in V2.00, introduced issue - Case ID: 201601595	Bug
	10592	HMI overwrite every value inserted greater than 128 with value 254 when "Display Brightness" are edited on runtime - Case ID: 201602180	Bug
	10704	Error message "Failed to load DLLI Error code = 193" displayed during update procedure - Case ID: 201602569	Bug
	10844	The load/reload project action of context menu should be visible in debug mode only	Bug
Fonts	10400	Using Terminus TTF font reports error in JMobile - Case ID: 201601128	Bug
	10431	JM Studio report "Copying file Tahoma.ttf file" during download project on PC Runtime if it is opened by network - Case ID: 201601453	Bug
Gallery	10109	User gallery page size changing when we are converting the project type...	Bug
	10381	Custom fonts in gallery not shown properly, if not loaded in project.	Bug
JavaScript	10080	JS code in a page is not deleted - Case ID: 201507875	Bug
	10308	Runtime executes JS command after page is changed - Case ID: 201600515	Bug
JM4web	9758	Horizontal slider does not move if it have no tag attached.	Bug
	9760	Space or special char in dialog page name or table column name freeze the page.	Bug
	9859	Label text spaces are not preserved if static optimization value is "dynamic".	Bug
	9997	Wrong visualization of line shape if static optimization is set to 'dynamic'	Bug

Category	Ticket ID	Summary	Type
Licenses	10338	Warning icons displayed in JM4Web pages related to old or ungrouped touch button objects - Case ID: 201600857	Bug
	10562	License activation fails when done by email with duplicated mac address - Case ID: 201602011	Bug
Performance	10430	Special customer's project require 40" to start with simulator - Case ID: 201601453	Bug
Productivity tools and IDE UI	7153	Project corruption if project is saved into a network path via Studio - Case ID: 201304658	Bug
	7287	Time taken to delete project via Manage Target is more compared to delete from panel. [Introduced Issue]	Bug
	8714	Array tags not working in JM4web - Case ID: 201500967	Bug
	9658	DataTransfer action wrong warning for incompatibility data type - Case ID: 201506130	Bug
	9794	Language code for newly added language in User Gallery page is not displayed in text tab	Bug
	10111	Change of background color for User Widget gallery page leads to crash of JM Studio, introduced issue - Case ID: 201508042	Bug
	10276	Font Tahoma Bold added when reopen project - Case ID: 201600665	Bug
	10316	Studio crashes on creating update package if the drive has not enough space....	Bug
	10375	Move color Up/Down in Color Palette doesn't work anymore (Introduced issue) - Case ID: 201601167	Bug
	10445	Studio Crashes on attempting to open standard Gallery pages (Introduced)...	Bug
	10540	Warning displayed when a project is updated from version 1.91 to v2.0-HF - Case ID: 201601930	Bug
	10711	Indexed Tag Set add [-1] to selected tag (Introduced issue) - Case ID: 201602584	Bug
	10814	Portrait icons in project wizard mismatch - Case ID: 201603312	Bug
	8836	HMI report message "[MRTU] failed: Error Parser: parameter 'parity' has invalid value" creating a new project without changing comm properties - Case ID: 201501620	Bug
	9733	[MODT] Communication recovery not possible if Optimization is disabled - Case ID: 201506107	Bug
	9860	[GE90] error connecting to Fanuc CNC - Case ID: 201506834	Bug
Protocol	9970	[MODT] Add swap8 conversion for 64bit data type tag - Case ID: 201507538	Bug
	9979	[OPCU] Access to multiple servers does not work	Bug
	10196	[ABEN] [ABDF] [ABDH] Sub Element selection is kept also for non-valid File type - Case ID: 201600059	Bug
	10343	[KNX] Replace dot and semicolon chars in imported tags - Case ID: 201601017	Bug
	10349	[BEAD] Panel AMS Netid and Target AMS Port don't	Bug

Category	Ticket ID	Summary	Type
		work as expected on UN60	
	10377	[KOET] Write on C0 resource reset value of following bits - Case ID: 201601164	Bug
	10378	[SBUS] [SAET] In the protocol are not available special SAIA Float format.	Bug
	10384	[SBUS] Node Override ID (NO) not change value after write operation and panel reports "write tag [NodeOverride] failed - Error: writing after the end of the memory type"	Bug
	10385	[SBUS] [SAET] In the protocol are not available special "Date&Time" format like single data group.	Bug
	10391	[ETIP] Check the possibility to increase datalength on Ethernet IP/CIP when used with Scatter Diagram. - Case ID: 201601037	Bug
	10392	[OPCU] OPC UA driver is not loaded on UN31 platform with BSP lower than 196 - Case ID: 201601187	Bug
	10403	[SAET] Panel read properly value of Data Block elements but it cannot write the same resource.	Bug
	10432	[FAET] Ip override bytes swapped, data is not retentive	Bug
	10433	[FACO] [FAET] Run memory type not working as expected	Bug
	10448	[BEAD] Customer's project return communication error "Requested data length > 512" - Case ID: 201601509	Bug
	10479	[MODS] Use of Modbus command 17 (dec) causes wrong reply to commands 01 - Case ID: 201601602	Bug
	10481	[GE90] Protocol used as SNP mode, returns error when Tag is defined to read a boolean or a byte of a Register (#R)	Bug
	10482	[GE90] Evaluation of Add STRING and LREAL data format in the GE Intelligent Platforms SNP driver	Bug
	10489	[BACN] Enable Offline node Management for BACnet protocol - Case ID: 201601660	Bug
	10507	[GE90] HMI returns error "NAK" when Tag of Array Boolean is longer than 8 element using data type %M,%T,%G on SNP protocol	Bug
	10536	[GEET] [GEE2] do not import Analog Output resources (%AQn) from Export variable list generated from Proficy programming software	Bug
	10599	[KOET] Protocol reports communication error, read only resource, but resources seems to be R/W	Bug
	10600	[KOET] String data type is not correctly managed.	Bug
	10605	[OPCU] Client error "OPC UA client for given node ID not found 0" - Case ID: 201602182	Bug
	10616	[OPCU] fail to read variables defined as Numeric - Case ID: 201602182	Bug
	10620	[MAF1] HMI cannot write byte as part of a word resources (DT, R, Y, etc.) on Panasonic FP0R PLC	Bug
	10702	[SBUS] HMI display wrong value on page when different	Bug

Category	Ticket ID	Summary	Type
Recipes		tags with different Data Block address are defined - Case ID: 201602699	
	10839	[S7ET] Impossible write on Tags in case of a certain number of recipe elements - Case ID: 201603397	Bug
	10840	[MODS] Use of command 16 causes error reply, introduced issue - Case ID: 201603454	Bug
	10854	[CDSE] protocol crash at application startup - Case ID: 201603143	Bug
	10918	[ETIP] String tags not working with Omron NJ PLC model (Introduced) - Case ID: 201603798	Bug
	10932	Runtime crashes when NMEA sentences are recieved - Case ID: 201603639	Bug
	10946	[MIQE] File Register receive NAK error - Case ID: 201603887	Bug
	11005	Boolean tags on Long resources do not work correctly - Case ID: 201604162	Bug
	9742	CurrentRecipeSet value fields are showing values even if all sets of the recipe are deleted dynamically	Bug
	10571	Array index option disabled in attached to dialog after switching from Recipe editor	Bug
Remote Client Scheduler	10571	Array index option disabled in attached to dialog after switching from Recipe editor in 2.0.1.219	Bug
	10387	JM Client crash in specific situation - Case ID: 201601067	Bug
Simulator	10084	Customer application crashes and restarts apparently due to a scheduled action - Case ID: 201507685	Bug
	10185	Project not working after conversion from 1.91 SP1 to 2.0	Bug
Tag Importer	10328	[HIET] generic importer reset tag offset when import xml file created from studio	Bug
	10407	[S7ET] [MPOB] [S7DP] Importer imports tags from the wrong FB model and adds Tag not present into the FB structure - Case ID: 201601345	Bug
	10454	[BEAD] Array String tags bring to tag URI error at application startup - Case ID: 201601509	Bug
	10500	[S7ET] [MPOB] [S7DP] System imports 0 tags using files exported from customer PLC application - Case ID: 201601712	Bug
	10742	[S7ET][S7DP] Comments not imported from .AWL file - Case ID: 201602900	Bug
Trends	10797	[MODT] Tag import from SYM file does not import correctly Byte data, sub-index is missing - Case ID: 201603149	Bug
	8154	Current Cursor Value from a historical trend displays "0.0" if the value is scaled - instead "nothing"	Bug
	10437	Detect and manage RTC time reset. Add tolerance to avoid unwanted messages	Bug
	10484	Negative value not plotting in trend on UN60 if the data type is byte...	Bug

Category	Ticket ID	Summary	Type
Widget	10692	HMI runtime crashes using consumption meter widgets - Case ID: 201602623	Bug
	10801	JMobile HMI Simulator Crashes when customer's project with trend is loaded - Case ID: 201603195	Bug
	6088	The Gauge Needle is always in the wrong position when exported to web (was Gauge Needle Issues)	Bug
	6090	Gauges in customer application are not visible into JM4WEB clients - Case ID: 201204571	Bug
	8427	DateTime widget doesn't work correctly when connected to a tag - Case ID: 201405431	Bug
	9050	Custom property in custom widget not applied - Case ID: 201502499	Bug
	9371	Multistate image not showing some of the frames on panel - Case ID: 201504979 - Case ID: 201504993	Bug
	9408	JM4Web IPCamera widget not working with Axis IP camera - Case ID: 201505137	Bug
	10052	Studio crashing while trying to add edit custom property of Customer Widget.	Bug
	10142	IP Camera widget not working with D-Link IP camera (Introduced issue) - Case ID: 201600011	Bug
	10806	Bad performance of customer's project with version 2.0.1 if compared with version 1.91 - Case ID: 201603143	Bug
	10848	Studio report "Failed to load image..." opening customer's project - Case ID: 201603469	Bug
	10892	JM4Web Knob not working if start angle < 0 (Introduced issue) - Case ID: 201603656	Bug