



JMobile V4.7.1.36

Release Notes





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This release note list modifies introduced between versions:

V4.7.1 Last release version number (4.7.0.445)
V4.7.1 Current version (4.7.1.36)

All items are referenced with their Ticket ID number. Ticket ID number is the number used as reference during development; it uniquely identifies the activity.

Item types are classified as

Task: implementation of a new feature
Bug: solution to problems reported by users. Summary may include the CRM case identification number assigned during technical support.
CVE: Correction of known vulnerability in term of cyber security (common vulnerabilities and exposures)

Category	Summary	Ticket ID	Type
Alarms	Description text field not possible to edit continuously in studio	JM-22369	Bug
Alarms	alCustomField_first and last data missing when fast boot is enabled	JM-22120	Bug
JM4Web	JM4Web: Corrected error message with the history alarm widget	JM-21891	Bug
Alarms	Active alarms table does not work when panel is rebooted with fastboot enabled	JM-22224	Bug
CODESYS v3.0	SB und SDCard are missing in CODESYSControl.cfg section SysProcess - Codesys Vers. 3.5 SP19 - EXORINTTS-1036	JM-22155	Bug
CODESYS v3.0	Changing JMobile runtime version codesys Can module failed	JM-22430	Bug
CODESYS v3.0	Codesys not started fine when we update from 4.7 to 4.7SP1	JM-22703	Bug
Corvina	Improved logs in Corvina interface for better debugging	JM-22187	Bug
Corvina	Alarm messages on Corvina ignore number formatting for live tags	JM-21961	Bug
Data Entry	Improved runtime stability when executing BeginDataEntry	JM-22268	Bug
DataBase	Improved stability of DB auto-push feature on HMI	JM-22167	Bug
Fastboot	Different behavior on loading project at startup ot with macro	JM-22132	Bug
Fastboot	Not possible to set the external timeout to -1 or -2 with fastboot enabled - CaseID: 202502270	JM-21696	Bug



Fastboot	Formula output becomes blank after subsequent download when Fastboot is enabled	JM-22345	Bug
Generic	Improved stability when closing and reopening dialogs containing custom widgets	JM-22148	Bug
Generic	Improved CtrlWgt stability by addressing a dangling pointer issue	JM-21644	Bug
Generic	Corrected target zoom factor behavior in portrait mode - Case ID: 202103080	JM-17796	Bug
Generic	Corrected runtime behavior after project download	JM-22270	Bug
Generic	Improved handling of Windows Explorer window opening in Studio - EXORINTTS-2372	JM-22208	Bug
Generic	Improved system startup reliability – Case ID: 202401998	JM-21020	Bug
Generic	Inconsistent JSFB trigger behavior with \$Min and \$Max formulas	JM-22422	Bug
Generic	Improved runtime stability on XA5 with customer setup	JM-22393	Bug
Generic	Corrected login behavior when invalid credentials are used	JM-22117	Bug
Generic	Fixed runtime behavior when opening many dialogs automatically	JM-22090	Bug
Generic	Fixed runtime behavior in specific sequence of dialog opening	JM-21829	Bug
Generic	Improved runtime stability when opening multiple dialogs on Yocto 5	JM-22466	Bug
Generic	After several project download, main page seems corrupt in visualization	JM-22356	Bug
Javascript	Improved application stability during specific touch pressure sequences on X10 devices	JM-22578	Bug
Javascript	FTPGet creates or overwrites local file with empty file when FTP server is disconnected	JM-22349	Bug
JM4Web	JM4Web: Password min/max set errors are not showing	JM-22014	Bug
JM4Web	JM4Web: In Trend table Number Format (Custom) is not working as expected	JM-21927	Bug
JM4Web	JM4Web: Static optimized image cause overlapping buttons on template - Case ID: 202405073	JM-21405	Bug
JM4Web	JM4Web: Improved rendering of horizontal gauge widget	JM-22292	Bug



JM4Web	JM4Web: Scatter chart issues - CaselD: 202503181	JM-21873	Bug
JM4Web	JM4Web: Fixed issue with Min and Max value in tag editor	JM-21782	Bug
JM4Web	JM4Web: Show warning message for maximum opened modal dialogs in web like in runtime	JM-19621	Bug
JM4Web	JM4Web: Fixed runtime behavior when connecting via web	JM-22392	Bug
JM4Web	JM4Web: HistoryTrendChart displays incorrect tag values	JM-22365	Bug
JM4Web	JM4Web: Corrected date time widget issues - CaselD: 202503924	JM-21892	Bug
JM4Web	JM4Web: Historical Alarm Table show "Fetch Alarm Failed" after more alarm triggered - Case ID: 202501098	JM-21844	Bug
JM4Web	JM4Web: Duration combo box of alarm, audit and trend table widgets get misplaced in web when horizontal flip is enabled	JM-21843	Bug
JM4Web	JM4Web: "fetch alarm failed" on history alarm table page	JM-22458	Bug
JM4Web	JM4Web: IP Camera streams not closed when changing page on Web projects	JM-22020	Bug
JM4Web	JM4Web: images in Multistate Image in Custom Widget doesn't show on web	JM-22184	Bug
JM4Web	JM4Web: Javascript only "curve width" of scatterdiagram does not work in the web version - EXORINTTS-3211	JM-22313	Bug
JM4Web	JM4Web: TrendChart enabling/disabling axis behavior	JM-22445	Bug
JM4Web	JM4Web: The resolution of single elements inside a CW is resized in the web project, losing proportion to the CW itself - EXORINTTS-3031	JM-22293	Bug
JM4Web	JM4Web: Custom Widget getParameter not working on web page	JM-22179	Bug
LDAP	Improved stability of 64-bit Runtime [UN78] during LDAP project redownload with an LDAP user signed in	JM-22191	Bug
Manage Target	Corrected behavior in updating the OS from manage target	JM-22115	Bug
Manage Target	On HMI Designer, changing a project target from HMI to PLC, locks the IDE in requesting the project password during download - Case ID: 202503932	JM-21896	Bug
Manage Target	Update package always fail first attempt - Case ID: 202502706	JM-21774	Bug



MQTT	MQTT is not working when the certificates are provided by tags - EXORINTTS-3037	JM-22304	Bug
MQTT	Extended MQTT syntax in "Data(sub)" dialog settings	JM-22222	Bug
MQTT	MQTT Sparkplug B not writing True to Boolean variables - EXORINTTS-3376	JM-22411	Bug
MQTT	Customer project with some wrong MQTT settings shows some High cpu usage - Case ID: 202303740	JM-20211	Bug
Multilanguages	Corrected behavior of Copy/Paste with multilanguage option Keep Default Text disabled	JM-22303	Bug
Pages	Blur function of modal dialog blurs only the current on focus element - EXORINTTS-3759	JM-22435	Bug
Pages	Blur Background not working when RTSP widget is active	JM-22234	Bug
Protocols	Project not loading on WIN32 runtime when using a specific protocol	JM-22211	Bug
Protocols	[S7ET] Wrong Tag imported from step7	JM-22134	Bug
Protocols	Authentication UDS Bosch Rexroth RC40 - EXORINTTS-1703	JM-22119	Bug
Protocols	Imported wstring variables in codesys eth v3 protocol have UTF-8 encoding - CaseID: 202502045	JM-21661	Bug
Protocols	[ROBX] String tag doesn't works properly and reconnection fails in specific case	JM-22305	Bug
Protocols	[ROBX] Fixed Read tag failed	JM-22282	Bug
Protocols	Importer does not permanently accept the OPC UA server certificate – EXORINTTS-660	JM-22131	Bug
Protocols	[BEAD] - ADS Driver – Handle invalidation after PLC restart leads to silent data corruption	JM-22395	Bug
Protocols	[S7OP] When imported Date_and_Time 64bit Unix variables can not communicate in JMobile project - EXORINTTS-3470	JM-22357	Bug
Protocols	FP protocol hex variables creation does not support hex values, only the decimal equivalent, while importing them enables hex values - Case ID: 202502710	JM-21882	Bug
Protocols	Uncertain icon visible on widgets after specific procedure - Case ID: 202502224	JM-21803	Bug
Protocols	[MIQE] Reconnection fails in case of too many requests	JM-22522	Bug
Protocols	[MIQE] Reconnection with PLC may take some minutes	JM-22501	Bug



Protocols	[S7OP] Imported wstring variables in Siemens protocols have UTF-8 encoding - EXORINTTS-2062	JM-22158	Bug
Protocols	[BACN] Review write strategy on flash for server parameters	JM-22659	Bug
Protocols	[S7OP] Protocol goes into error when trying to read an array of variables - EXORINTTS-4311	JM-22652	Bug
Protocols	[NM20] REPLY mode on fields in INPUT PGNs does not behave correctly when more fields must be returned	JM-21664	Bug
Protocols	[NM20] Add parameter to override the default Device Class = 120	JM-21624	Bug
Protocols	[S7OP] Fixed runtime behavior on specific protocol version	JM-22699	Bug
Protocols	[XPLS] use timeout parameter if greater than 10s in first connection	JM-22714	Bug
Remote Clients	Clients reconnection inconsistent behavior	JM-22216	Bug
Remote Clients	Encryption dialog is not opening on client on freshly installed PC	JM-22328	Bug
Scheduler	SaveEventArchive configured in scheduler with Signed option set to true returns "Signing algorithm is disabled"	JM-22535	Bug
Security	Using "£" inside user password it doesn't work	JM-22374	Bug
Simulator	Not all protocol instances are visible in the protocol list of simulator - Case ID: 202401179	JM-20870	Bug
Stack Widget	Stack widget doesn't update properly	JM-22446	Bug
System Variables	Studio does not allow to define an overlap Tag in System Variables Retentive Memory and crashes - Case ID: 202401841	JM-20971	Bug
System Variables	Corrected recalculation of retentive memory variable addresses - Case ID: 202300248	JM-19749	Bug
System Variables	Improved stability of runtime during WiFi setup	JM-22160	Bug
System Variables	MicroEdge PLCM10 - The WIFI band selection is not working from JM System variable	JM-22609	Bug
System Variables	X7/X10 - System Variables (X-Base)	JM-22106	Bug
Tables	Deleting an element of a table the previous row widget will be modified	JM-22561	Bug
Tables	Sizing problem for a group (with CW inside) in a grid layout	JM-22263	Bug
Tags	Strange setTag behavior with array	JM-22030	Bug



Tags	Using alias of an Indexed tag linked to array force to insert an index	JM-22312	Bug
Tags	With specific procedure on project we see the communication error icon only on Clients	JM-22147	Bug
Trends	Trends with a buffer shorter than 5 min creates wrong backup - Case ID: 202405368	JM-21497	Bug
User Interface	Correct spelling mistake in the "Decimal Symbol" property description of the KeyButton widget	JM-22654	Bug
Widgets	Color palette for buttons in old gallery not works	JM-22138	Bug
Widgets	Improved stability when opening the Alarm Dialog in the project	JM-22107	Bug
Widgets	Clarified that Icon Click Offset (X/Y) is applicable only for 3D Style - Case ID: 202503439	JM-21830	Bug
Widgets	ActionID is incremented at every save for OnWheel Action on project properties (Git compatibility)	JM-22078	Bug
Widgets	Momentary button remains down after dialog opening on Wayland BSP	JM-22543	Bug
Widgets	When an image widget with an image with the same name of an existing image is copied across project the image is overwritten without warning - EXORINTTS-1702	JM-22145	Bug
Widgets	Svg inside Custom widget are blurred on target	JM-22324	Bug
Widgets (Custom)	Exposed custom widget properties with parameter stops working	JM-22151	Bug
Widgets (Custom)	In the customer project a Custom Widget image contained into another CW used into a template disappears downloading - EXORINTTS-3153	JM-22332	Bug
Widgets (Custom)	Strange behavior with CW, group, table and page reopening	JM-22245	Bug
Widgets (Custom)	Groups dimension changes editing a custom widget inside it - Case ID: 202500692	JM-21684	Bug
Widgets (Custom)	Corrected custom widget behavior within a group of widgets - Case ID: 202103009	JM-17782	Bug
Security	CVE-2024-10525 - Mosquitto	JM-22052	CVE
doc	JM4Web: Align JM4Web documentation on supported and not supported features	JM-22322	Document
doc	Update the "What's New" section of the manual with the 4.7 SP1 details.	JM-22720	Document



Protocols	[S7OP] Update documentation of Siemens Optimized protocol	JM-22628	Document
Branding	Add XA100 models in EXOR distribution	JM-22236	Task
Branding	Enable X7/X10 wireless panel models [Exor]	JM-22186	Task
CODESYS v3.0	CODESYS 3.5.21	JM-21976	Task
LDAP	Enable LDAP logs by default when LDAP module is active	JM-21631	Task
Multilanguages	Option to choose if autofilling with the default language, or leaving it blank, any new text translation added to the multilanguage - Case ID: 202500393	JM-21480	Task
Protocols	[ROBX] Node override variables	JM-22431	Task
Protocols	[CAND] Usability improvement in Tag definition	JM-21909	Task
Protocols	[S7OP] Add support for access via User/Password and Certificate	JM-22449	Task
Security	X7/X10 - System variables related to the safety module	JM-20607	Task
System Variables	JSmart system variables: adding Country Code for Azurewave support	JM-22000	Task
System Variables	System variables to support "MicroEDGE" devices	JM-21603	Task
XPLC	License management for XPLC motion feature	JM-22159	Task