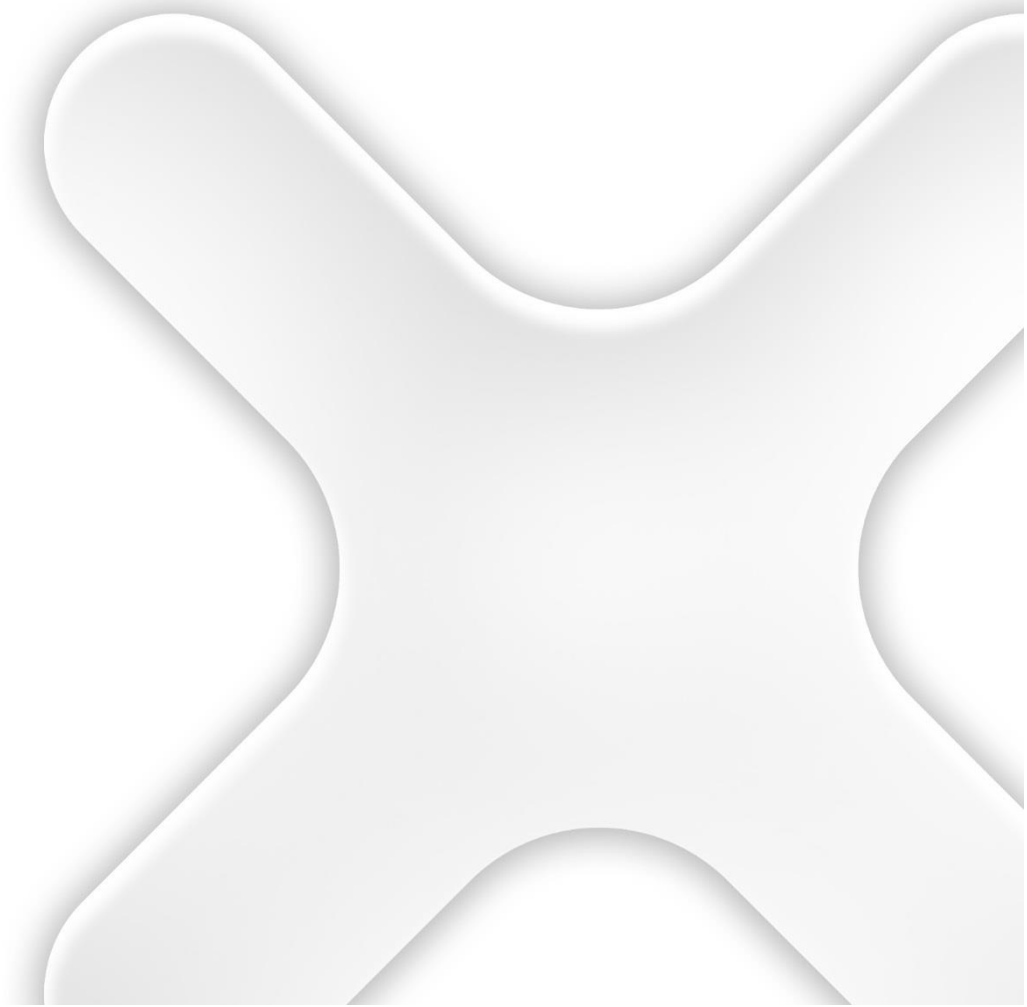


JMobile V2.8

Release Notes





JMobile V2.8 Release Notes

New **features** and **corrections** in JMobile V2.8.

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

Build numbers references:

V2.6 SP1	Previous major release version number	2.6.1.67
V2.8	Current major release version number	2.8.0.305
V2.8 HF1	Current hotfix release version number	2.8.0.363

All items are classified as

Feature: implementation of a new feature

Bug: solution to problems reported by users. Summary may include the CRM case identification number assigned during technical support.

Build number 2.8.0.363

Changes since build 2.8.0.305

Category	Ticket ID	Summary	Type
CODESYS 3	14253	Unable to activate iPLC3 if panel is connected to the network with Ethernet interface different than eth0 - Case ID: 201805496	Bug
CODESYS 3	14269	Target ID not read correctly - Case ID: 201805664	Bug
CODESYS 3	14257	CODESYS 3 license does not activate properly on eSMART - Case ID: 201805449	Bug
Deployment and run time operation	14460	Problems with Tag Editor scaled tags in 2.8 - Case ID: 201806685	Bug
Deployment and run time operation	14293	Tags with square brackets in name are not replaced if renamed and are recognized as invalid from Cross reference - Case ID: 201805655	Bug
Deployment and run time operation	14212	JMobile crash when change some link in page 1 with customer's project - Case ID: 201805245	Bug
Deployment and run time operation	13638	Manage Time Spec setting in DatetimePrefix of dump file name - Case ID: 201802866	Bug
Documentation	14464	Specify missing support for PLC Alarms in JM4Web - Case ID: 201806192	Bug
Documentation	14276	Formula help chapter examples are wrong - Case ID: 201805740	Bug
JM4Web	14405	Tag used as array index of array tag, used at project level cause error in JM4Web - Case ID: 201806305	Bug
JM4Web	14308	General Javascript error while opening web pages from customer project - Case ID: 201805894	Bug
JM4Web	13606	ScrollTrendToTime action not working on JM4Web - Case ID: 201802760	Bug
JM4Web	14227	Javascript returns error in JM4Web on load page or close dialog action - Case ID: 201805307	Bug
Recipes	14332	Restore single recipe set reports set number error - Case ID: 201805927	Bug
Security	14309	Signature Dialog not enabled for all brands	Bug
Security	14327	Audit Trail does not log failed login attempts	Bug
Special Widgets	14382	Custom widget does not handle properly image on Z order with visibility check - Case ID: 201805540	Bug
Special Widgets	13507	Studio modifies tag's name after conversion of a custom widget to a group widget - Case ID: 201802317	Bug
Special Widgets	14204	IP camera widget: mjpeg stream makes network busy - Case ID: 201805208	Bug



Build number 2.8.0.305
 Changes since build 2.6.1.67

Category	Ticket ID	Summary	Type
Actions and Events	11097	Extend gesture area widget with possibility to execute one shot actions on new events	Feature
Actions and Events	11855	Enable ftp client actions in Scheduler and Alarms - Case ID: 201706855	Feature
Actions and Events	13220	Extend gesture area: Passthrough	Feature
Alarms	12065	Background color for alarm widgets	Feature
Alarms	13012	Table Alarm widget optimization	Feature
Audit trail	1995	Create AuditTrail display widget - Case ID: 201202158	Feature
Audit trail	12334	Events to log inside the Audit Trail	Feature
Audit trail	12354	New format of events buffer dump (SaveArchive)	Feature
Audit trail	12395	Action to log a message into the Audit Trail	Feature
Audit trail	12408	Ensure the authenticity of reports generate from HMI	Feature
Audit trail	13009	Audit Trail with date and time on separate columns	Feature
Branding	11803	Create different versions of Active Alarms (Lite, Ack, Full)	Feature
Branding	13253	Limits extension in v2.8 in all iMX platforms + PC Win/Linux	Feature
Branding	13315	Support for JSmart705, JSmart707, JSmart710, JSmart715, JSmart721	Feature
Branding	13418	New models eX707FB, eX715FB, eXware707, eXware707Q	Feature
Branding	13586	Help -> Online Documents and Download	Feature
Branding	13680	Update images of JMobile Suite	Feature
Branding	14167	Add eX707G + eX710G models (High Brightness display)	Feature
CODESYS 3	12435	CODESYS fastboot	Feature
CODESYS 3	13003	Log the license status of all CODESYS modules	Feature
Deployment and run time operation	4968	Provide backspace functionality for numeric keypad - Case ID: 201204551	Feature
Deployment and run time operation	8864	Enable Check box button in Scheduler and Alarm widget is too small	Feature
Deployment and run time operation	11100	Improve Studio boot time	Feature
Deployment and run time operation	11294	OPC UA Server: Server expose tags grouped with name (prot1, prot2)	Feature
Deployment and run time operation	12875	Global property to disable multitouch gestures in a project - Case ID: 201706584	Feature
Deployment and run time operation	13033	OPC UA Server: Increase maximum size for strings	Feature
Deployment and run time operation	13556	Provide the "attach to tag" to buzzer properties inside project widget	Feature
Deployment and run time operation	13562	Fit to screen size	Feature
Dialogs	13757	Add Keyboard functionalities also in Dialog pages - Case ID: 201803137	Feature
Documentation	12346	OpenVPN client support (integrated into the BSP Linux) - Case ID: 201702945	Feature
Documentation	12995	Review of Sampling Filter explanation in user manual - Case ID: 201707432	Feature
Documentation	13185	Document PLCM09 in JMobile Help	Feature
JavaScript	6583	Change current user via JavaScript – Case ID: 201302971	Feature
JavaScript	12149	Extend JS file read API to be able to know file encoding - Case ID: 201701860	Feature
JavaScript	12805	Add JavaScript debugger support for custom widget modules	Feature
JavaScript	12999	Long JavaScript class to support int64 and uint64 into Qt JavaScript engine	Feature
JavaScript	13726	Define a new most important bit position (big endian) formula: \$MsbPos(arg)	Feature
JavaScript	13749	Add project.log(message) API, to write into runtime console log	Feature
JM4Web	6890	JM4Web: Support for User Management	Feature
JM4Web	12074	JM4Web: Trends rendering optimization on mouse drag/touch move	Feature
JM4Web	12085	JM4Web: Develop attach to alias - Case ID: 201701405	Feature
JM4Web	12086	JM4Web: Develop OnHold event on buttons - Case ID: 201701405	Feature
JM4Web	12209	Reduce the loading time of a web project	Feature



Category	Ticket ID	Summary	Type
JM4Web	12243	JM4Web: Add the system variable "Remote Client variables->Connection status"	Feature
JM4Web	12280	JM4Web: Add User Management system variable	Feature
JM4Web	12288	JM4Web: Canvas widget	Feature
JM4Web	12289	JM4Web: JSFuncBlock widget	Feature
JM4Web	12290	JM4Web: Align custom widget	Feature
JM4Web	12291	JM4Web: Align grid layout	Feature
JM4Web	12294	JM4Web: Add the trend action "RestoreTrendDefault"	Feature
JM4Web	12332	JM4Web: Add the JavaScript functions on/off to manage change page and resize	Feature
JM4Web	12439	JM4Web: Blue system icon delay as project property	Feature
JM4Web	12548	JM4Web: Trend Cursor value for Scatter Diagram - Case ID: 201701794	Feature
JM4Web	12577	JM4Web: Possibility to change alarms font - Case ID: 201701794	Feature
JM4Web	12635	JM4Web: Add SetTrendView(Xmin, Xmax, Ymin, Ymax)	Feature
JM4Web	12667	JM4Web: Password aging / expire functionality	Feature
JM4Web	12685	JM4Web: Specifying visualization format by wildcards for field	Feature
JM4Web	12687	JM4Web: Formula Xform on tag attachment	Feature
JM4Web	12991	JM4Web: Possibility to define range of values in ColorPalette	Feature
JM4Web	13001	JM4Web: Add the possibility to enable a loading animation that appears at page change	Feature
Multilanguage	12625	Multilanguage management of error messages in login form	Feature
Print	7657	Print reports to PDF with filename defined at runtime - Case ID: 201401140	Feature
Print	12770	Increase PDF quality of Graphic Report in Linux panels - Case ID: 201704994	Feature
Productivity tools and IDE UI	5333	Possibility to duplicate pages - Case ID: 201703731	Feature
Productivity tools and IDE UI	7899	Possibility to cleanup Unused Tags - Case ID: 201501169	Feature
Productivity tools and IDE UI	9615	Improved Studio IDE when Monitor DPI is higher than 100%	Feature
Productivity tools and IDE UI	10429	GUI improvement for Deviation Alarms - Case ID: 201601226	Feature
Productivity tools and IDE UI	10787	Show a Lock icon few seconds when a user try to change a read only widget	Feature
Productivity tools and IDE UI	11026	Possibility to define range of values in ColorPalette - Case ID: 201604378	Feature
Productivity tools and IDE UI	11704	Extend Dump DataLog/Trend to let users choose columns to dump	Feature
Productivity tools and IDE UI	12207	Project properties reorganization	Feature
Productivity tools and IDE UI	12250	Aligned Context Menu project property description	Feature
Productivity tools and IDE UI	12286	Add cross reference for all type of data sources (via System variable, Recipes, Alias)	Feature
Productivity tools and IDE UI	12606	Save HMI IP address as part of project files	Feature
Productivity tools and IDE UI	12633	Added version numbers into JMobile shortcuts - Case ID: 201705105	Feature
Productivity tools and IDE UI	12746	Improve folder organization of temporary files in subfolder or temp folder - Case ID: 201705775	Feature
Productivity tools and IDE UI	13266	Possibility to define range of values in ColorPalette - Tooltip	Feature
Productivity tools and IDE UI	13279	Add a default color for color palette when the tag value is none of the defined index	Feature
Productivity tools and IDE UI	13375	Review the new "source timestamp" feature of trend buffer	Feature
Productivity tools and IDE UI	13539	Simple Generic Table widget	Feature
Productivity tools and IDE UI	13544	Alarm editor -> Event types dialog -> Notify, Log, Actions ,Print Sections heading to be changed	Feature
Protocol	14029	Enable KNX IP protocol on eSMART serie - Case ID: 201804485	Feature



Category	Ticket ID	Summary	Type
Recipes	6954	Allow Unicode import into recipes as per Multilanguage - Case ID: 201304281	Feature
Recipes	12484	Add Set status to recipes to identify if values have been modified - Case ID: 201701794	Feature
Remote Client	6175	HMI Client for panels (Linux HMIs only) - Case ID: 201300353	Feature
Security	5246	Password aging / expire functionality - Case ID: 201203493 - 201205843	Feature
Security	7720	FDA CFR 21 Part 11 support	Feature
Security	10938	Added Electronic Signatures	Feature
Security	12312	Added common User settings	Feature
Security	12358	Add specific user permissions for Web access and Windows Client access - Case ID: 201703029	Feature
Security	12774	Update UM pages to support Multilanguage error messages	Feature
Security	12983	CFR21Part11 support on PC Runtime	Feature
Security	13166	Provide a Read Only variable with list of available user names - Case ID: 201708281	Feature
Security	13774	Review of OPC UA Server Client and Importer	Feature
Special Widgets	12623	Formula Xform	Feature
Special Widgets	12744	Allow attach to tag for custom widget parameters - Case ID: 201703731	Feature
Special Widgets	12782	Table widget support for Alarm History	Feature
Special Widgets	13084	Enabling Full inheritance for custom widgets (always visible as default as option)	Feature
Special Widgets	13489	Convert pages from web to native and back	Feature
Special Widgets	13791	NCol/NRow of grid layout and table widget managed as special Studio commands	Feature
System Variables	11536	New JSmart system variables	Feature
System Variables	12249	Add the system variable "Remote Client variables->Connection status"	Feature
System Variables	12618	Expose I/O and Leds of PLCM09 via Direct I/O in JMobile to allow users to control it	Feature
System Variables	13744	Expose VNC server start/stop/state in system variables / services	Feature
Tag Editor	7481	Tags find and replace	Feature
Tag Editor	12815	Tags find and rename	Feature
Trends	9040	Extend trends to save a copy when full in csv format - Case ID: 201703613	Feature
Trends	12241	Request to have "Dynamic" path for "DumpTrend" action - Case ID: 201702307	Feature
Trends	12293	Add the trend action: RestoreTrendDefault	Feature
Trends	12954	Select trend to display in history trend widget - Case ID: 201703731	Feature
Trends	13628	Support for Fixed Header in Tables	Feature
Widget: Field	3658	Specifying visualization format by wildcards for fields - Case ID: 201102444	Feature
Widget: Scatter Diagram	12485	Trend Cursor value for Scatter Diagram - Case ID: 201701794	Feature
Widget: Table	12076	Add copy and paste functionality to Table Data Source widget - Case ID: 201701465	Feature
Widget: Table	12781	Table widget support for Trends - Case ID: 201703731	Feature
Widget: Table	12887	Dynamic properties not showed in exposed custom widget properties	Feature
Widget: Table	13047	Table widget filter (with formula support) for tests	Feature
Widget: Table	13257	Font changing not supported in table widget (standard data source)	Feature
Widget: Table	13412	Table widget / Formula improvements	Feature
Widget: Table	13424	JavaScript API getCurrentTopRow() for Table widget	Feature
Widget: Table	13477	Get/Set table model from JavaScript even with not null filter is set	Feature
Widget: Table	13478	ViewModel OnDataUpdate() added to Table widget	Feature
Widget: Table	13492	getRowCount() js table API added	Feature
Widget: Table	13568	Trend data source widget optimizations	Feature
Widget: Table	13773	Improved management of combo-box properties as tree items	Feature
Widget: Table	13816	New grid layout selector functionalities to add and remove columns and rows	Feature
Widget: Table	13833	Standard table data source widget: fixed header support	Feature
Widget: Table	13922	Add Table widgets to gallery	Feature
Widget: Video	10203	Video player support for Linux platforms	Feature
Widget: WebBrowser	12838	HTTPs support for browser widget	Feature



Category	Ticket ID	Summary	Type
Actions and Events	13799	Studio crash while copying a custom widget to specific user gallery page - Case ID: 201803792	Bug
Alarms	12474	Alarm history widget does not show correct groups - Case ID: 201703858	Bug
Alarms	12848	Ack notify not working anymore after modify of Alarms configuration and project download - Case ID: 201706227	Bug
Alarms	13142	Wrong ack notify tag on alarm setting after delete alarms.bin file - Case ID: 201708290	Bug
CODESYS 3	13380	[iPLC3] Load CmpEL6751CanDrv component at runtime startup - Case ID: 201800457	Bug
CODESYS 3	14121	[iPLC3] HMI reboot when CODESYS project stays in stop for some time - Case ID: 201804523	Bug
Data entry	10257	Decimal values are not written if Index tag is a float - Case ID: 201600571	Bug
Data transfer	12510	Manage DataTransfer between tags having different data types - Case ID: 201703549	Bug
Data transfer	12958	Tag read when set as destination tag of Data Transfer executed on trigger - Case ID: 201707199	Bug
Deployment and run time operation	10340	Runtime crash on JavaScript remote debugger use - Case ID: 201600610	Bug
Deployment and run time operation	11583	Project not loading fine with LoadProject macro if we give only projectname.jpr - Case ID: 201702348	Bug
Deployment and run time operation	11688	Button widget does not respect Tag value on specific page - Case ID: 201606902	Bug
Deployment and run time operation	11838	Retentive memory behavior differs between Ethernet download and use of update package - Case ID: 201700338	Bug
Deployment and run time operation	12254	Live Tags in alarm description are required also if alarm is not enabled - Case ID: 201702305	Bug
Deployment and run time operation	12327	Initial sample of consumption meter behavior - Case ID: 201702268	Bug
Deployment and run time operation	12356	Fixed gesture area widget behavior for some events - Case ID: 201703004	Bug
Deployment and run time operation	12462	OPC UA Server: initial tag update not working - Case ID: 201703703	Bug
Deployment and run time operation	12563	Runtime crash on specific FTP configuration - Case ID: 201704434	Bug
Deployment and run time operation	12565	FTP Get do not return error if cable is disconnected while transferring data - Case ID: 201703805	Bug
Deployment and run time operation	12592	JMobile FTP server converting to lowercase path of files not allows to copy files into path with uppercase Case ID: 201704684	Bug
Deployment and run time operation	12874	Parameter does not maintain name if it starts with number - Case ID: 201706517	Bug
Deployment and run time operation	12901	Tag visualization lag using customer project - Case ID: 201703637	Bug
Deployment and run time operation	12950	Fixed Runtime behavior with customized ChangePassword page - Case ID: 201707206	Bug
Deployment and run time operation	12994	Tags not read anymore when accessing the second time to a page with dynamic datalink - Case ID: 201703731	Bug
Deployment and run time operation	13111	Runtime crash when executing change page form keyboard after selecting raw in table widget - Case ID: 201708286	Bug
Deployment and run time operation	13129	Panel continuous reboots after Runtime being downloaded from specific PC - Case ID: 201708376	Bug
Deployment and run time operation	13242	Runtime crash on customer's panel - Case ID: 201800013	Bug
Deployment and run time operation	13293	Custom widget not imported correctly during import page - Case ID: 201801254	Bug
Deployment and run time operation	13427	Live Tags in alarm description is updated once when is triggered and not more - Case ID: 201802009	Bug
Deployment and run time operation	13682	Download Runtime becomes slow when user home is mapped on a network path - Case ID: 201802990	Bug
Deployment and run time operation	13685	Panel CPU stuck at 100% when a dialog page is opened causing very slow reaction of the system - Case ID: 201802974	Bug
Deployment and run time operation	13719	Disable Tag selection when a formula is defined to return output value on a widget - Case ID: 201803171	Bug



Category	Ticket ID	Summary	Type
Deployment and run time operation	13831	Some buttons defined in template page not working in customer project - Case ID: 201803724	Bug
Deployment and run time operation	13848	Touch events not working on system windows opened from JMobile Runtime PC running on Windows 10 - Case ID: 201803107	Bug
Deployment and run time operation	13936	Images missing after some days of project downloaded - Case ID: 201804081	Bug
Deployment and run time operation	13954	Customer project show missing images and then reboots after VNC connection - Case ID: 201803647	Bug
Deployment and run time operation	14158	Momentary button status not reflecting user input when attached to BuzzerControl R/W - Case ID: 201804960	Bug
Dialogs	13393	On Panel Pc numeric keyboard on a dialog page write numbers twice - Case ID: 201801560	Bug
Documentation	12934	Add note into the help regarding compatibility of trendbufferreader utility - Case ID: 201707014	Bug
Fonts	13798	Error "missing font" when trying to save project - Case ID: 201803552	Bug
Gallery	6380	Fixed widget gallery behavior if using two monitors with specific settings - Case ID: 201301928	Bug
JavaScript	13711	Searching text in JavaScript, delete last text modify - Case ID: 201803183	Bug
JavaScript	13785	Support also UTF-8 in JavaScript instruction "fs.readFile" - Case ID: 201803473	Bug
JM4Web	10757	JM4Web: Project shown different in Simulator, Chrome, Mozilla and IE - Case ID: 201602965	Bug
JM4Web	11489	JM4Web: Opacity of a simple rectangle (or other shape) cannot be attached to a tag - Case ID: 201606120	Bug
JM4Web	11958	JM4Web: Visualization problems with specific svg and widgets - Case ID: 201700910	Bug
JM4Web	12025	JM4Web: ComboBox widget with big text not displayed properly - Case ID: 201701170	Bug
JM4Web	12078	JM4Web: IP Camera widget not working in version 2.6 - Case ID: 201701293	Bug
JM4Web	12208	JM4Web: Fixed Scatter diagram issues - Case ID: 201702118	Bug
JM4Web	12256	JM4Web: Alarm background issue in web page after particular sequence of enable/disable alarms - Case ID: 201702449	Bug
JM4Web	12355	JM4Web: Visible attribute becomes NaN after direct setting to false - Case ID: 201703024	Bug
JM4Web	12455	JM4Web: Wrong behavior of bargraph widget when Browser Optimization property is set to True - Case ID: 201703710	Bug
JM4Web	12469	JM4Web: Combo box list displayed only down - Case ID: 201703789	Bug
JM4Web	12552	JM4Web: Login form appears also even though is disabled in "Authorization Settings"->"IP List" - Case ID: 201704109	Bug
JM4Web	12578	JM4Web: Font not correctly loaded until set language in customer project - Case ID: 201701794	Bug
JM4Web	12974	JM4Web: Scaling on History Trend not applied - Case ID: 201707314	Bug
JM4Web	13195	JM4Web: Scale widget doesn't shows background color - Case ID: 201800252	Bug
JM4Web	13197	JM4Web: Trend widget doesn't align labels correctly and stop showing cursor - Case ID: 201800252	Bug
JM4Web	13325	JM4Web: Opacity property not exposed if used with JavaScript - Case ID: 201801483	Bug
JM4Web	13360	JM4Web: Function getTag returns full array if array tag is attached to a widget - Case ID: 201801668	Bug
JM4Web	13526	JM4Web: Cached template fields doesn't work when entering in page twice - Case ID: 201802394	Bug
JM4Web	13570	Delegate to browser on device system the choice of font if is missing or not exportable - Case ID: 201801760	Bug
JM4Web	13602	JM4Web: NaN visible when viewing a scaled value - Case ID: 201802802	Bug
JM4Web	13606	JM4Web: ScrollTrendToTime action not working - Case ID: 201802760	Bug
JM4Web	13708	JM4Web: Color palette not working on bargraph - Case ID: 201803194	Bug
JM4Web	14204	IP camera widget: mjpeg stream makes network busy - Case ID: 201805208	Bug
JM4web: Core	12602	Visibility of line widget doesn't work if attached to a tag - Case ID: 201706386	Bug



Category	Ticket ID	Summary	Type
JM4web: Core	13429	The cgi readTrend.json generates not valid json when trend sample value is nan/-nan - Case ID: 201801275	Bug
Multilanguage	12564	Texts duplicated in Multilanguage for widgets of Graphic Report pages - Case ID: 201704440	Bug
Offline nodes management	13181	EnableNode action really cannot disable some driver - Case ID: 201800123	Bug
PDF Reader	13275	Improve gestures on PDF viewer - Case ID: 201708175	Bug
Print	13259	Missing columns in Alarms Report widget - Case ID: 201800996	Bug
Productivity tools and IDE UI	10085	Dialog pages are not shown on the same monitor of the Studio when Studio is running on the secondary monitor - Case ID: 201507698	Bug
Productivity tools and IDE UI	11139	Alarm Background/Foreground color not applied if edited from RGB field - Case ID: 201604671	Bug
Productivity tools and IDE UI	11894	FTP Status system variable detected as invalid tag by tag cross reference window if used in Data Transfer - Case ID: 201700439	Bug
Productivity tools and IDE UI	12279	Cross reference missing and wrong information - Case ID: 201702571	Bug
Productivity tools and IDE UI	12302	Alarm's description deleted after project conversion to 2.6 - Case ID: 201702683	Bug
Productivity tools and IDE UI	12430	Studio creates an empty folder "props" in Root Directory - Case ID: 201705272	Bug
Productivity tools and IDE UI	12449	Remove Font fail if project contain a needle widget - Case ID: 201703600	Bug
Productivity tools and IDE UI	12471	Missing widgets after project conversion - Case ID: 201703520	Bug
Productivity tools and IDE UI	12919	It is not possible to choose different file name (dynamic use) in GCode Editor widget by project - Case ID: 201707033	Bug
Productivity tools and IDE UI	13109	Fixed file browser size for smaller HMIs - Case ID: 201801127	Bug
Productivity tools and IDE UI	13177	ComboBox linked on arrayTag with dynamic Array index write wrongly data when entry in page - Case ID: 201800144	Bug
Productivity tools and IDE UI	13267	Page's name in LoadPage action configured into Keyboard buttons not updated on page's name change - Case ID: 2018001042	Bug
Productivity tools and IDE UI	13318	Table widget lock update data refresh after logout - Case ID: 201800729	Bug
Productivity tools and IDE UI	13434	Add support for reserved chars into recipe elements name - Case ID: 201802053	Bug
Productivity tools and IDE UI	13553	Error message during project optimization if project contains a JSFuncBlock in Project properties and at least one JM4Web page - Case ID: 201801760	Bug
Productivity tools and IDE UI	13591	Tag Cross Reference show system variables as invalid - Case ID: 201802780	Bug
Protocol	8014	[MODT] [MRTU] Data entry validation for Max Read Block value into Modbus TCP protocol configuration - Case ID: 201403229	Bug
Protocol	10556	[OPCU] Tag import not working with Matrikon OPC UA Gateway using security - Case ID: 201601811	Bug
Protocol	11293	[OPCU] OPC-UA Client and Server IP and port misalignment - Case ID: 201701339	Bug
Protocol	12277	[ETIP] Communication error reading string data in version 160 of the protocol - Case ID: 201702568	Bug
Protocol	12642	[OPCU] Array of double not correctly imported - Case ID: 201705177	Bug
Protocol	12801	[S7ET] Wrong offset applied to tag if DB contains DATE data type - Case ID: 201706331	Bug
Protocol	12965	[J193] DataTransfer from retentive system variable to J1939 variable not executed on startup - Case ID: 201706498	Bug
Protocol	12967	[MODT] Communication issues with customer project - Case ID: 201702604	Bug
Protocol	13013	[ETIP] Tag importer does not create sing array element tag for boolean array - Case ID: 201707594	Bug
Protocol	13080	[ETIP] Customer application shows misaligned data in a specific project page - Case ID: 201707980	Bug
Protocol	13086	[GE90] M variable not written with download recipe - Case ID: 201708160	Bug



Category	Ticket ID	Summary	Type
Protocol	13087	[S7ET] Studio crashes when importing invalid file symbol file name given - Case ID: 201708164	Bug
Protocol	13116	[CDS3] Error Data type mismatch when importing an Enum Type - Case ID: 201708356	Bug
Protocol	13118	[CDS3] Slowness of first access to CODESYS variables - Case ID: 201708417	Bug
Protocol	13145	[S7ET] It is not possible to configure a PLC Network with two device with the same IP address but with different Slot Number - Case ID: 201800030	Bug
Protocol	13146	[J193] OUTPUT PGNs not working in REPLY type - Case ID: 201706498	Bug
Protocol	13168	[MIQE] Importer from GX Works csv file import only separated elements of array tags - Case ID: 201800116	Bug
Protocol	13192	[OPCU] Tags browse becomes progressively slow when there is a big amount of tags to be imported - Case ID: 201800021	Bug
Protocol	13206	[MODT] [MRTU] Add Max Read Block size override to 250 bytes in protocol if studio settings are out of limits - Case ID 201800422	Bug
Protocol	13297	[S7ET] System data type IEC_TIMER not properly imported - Case ID: 201801220	Bug
Protocol	13350	[ROBX] Wrong read of Not Volatile I32 resource - Case ID: 201801630	Bug
Protocol	13354	[CDS3] Importer imports enumerator with wrong data type - Case ID: 201801612	Bug
Protocol	13445	[S7ET] System data types IEC_xxx not imported if used in UDT - Case ID: 201802108	Bug
Protocol	13476	[BEAD] TOD and DT data types not imported from Twincat 3 .tpy file - Case ID: 201802242	Bug
Protocol	13564	[MODT] when receiving exception 11 the protocol should generate TIMEOUT_ERROR - Case ID: 201801581	Bug
Protocol	13659	[iPLC3] [CDS3] Enabling or Disabling PLCM09 network, CODESYS v3 get communication error - Case ID: 201802953	Bug
Protocol	13665	[BEAD] Communication problem if array tag is used instead of single array element - Case ID: 201802982	Bug
Protocol	13724	[S7ET] Array of bool imported with wrong offset from STEP7 - Case ID: 201803169	Bug
Protocol	13795	[J193] PNG defined as output can be readable causing communication error - Case ID: 201803455	Bug
Protocol	14076	[MODT] Importer from CODESYS SYM file creates wrong addresses for String type data - Case ID: 201804621	Bug
Protocol	14090	[ETIP] Write operation on Byte data type returns NAK error with Omron controller - Case ID: 201804741	Bug
Protocol	14185	[MIFE] Write tag on Data register write unpredictable value - Case ID: 201804972	Bug
Protocol	14185	[MIFE] Write tag on Data register write unpredictable value - Case ID: 201804972	Bug
Recipes	13090	Fixed Runtime behavior when a wrong csv file is selected for Restore recipe - Case ID: 201708250	Bug
Recipes	13128	Import Recipe csv edited with Excel not executed correctly - Case ID: 201707347	Bug
Recipes	13725	Cannot use recipe set element in formula - Case ID: 201803145	Bug
Security	12575	ChangePassword User Management page error message not cleared after wrong inserted password - Case ID: 201701794	Bug
Security	13822	Custom widget doesn't accept changes on security settings - Case ID: 201803625	Bug
Special Widgets	7644	Fixed read/write behavior on custom widget - Case ID: 201401110	Bug
Special Widgets	11245	Runtime crash if set -1 to the tag attached to "Default Layer" of MultiState Image MultiLayer - Case ID: 201605016	Bug
Special Widgets	12340	BACnet Keypads displayed without text - Case ID: 201702928	Bug
Special Widgets	13015	Video redirect of DVI video input interrupted for a moment when entering into a page containing DVI Input widget - case ID: 201707614	Bug
Special Widgets	13222	Custom widget loses all configured properties during project conversion if custom widget name contains dot - Case ID: 201800499	Bug
Special Widgets	13310	Can't use param as array's index in custom widget - Case ID: 201801309	Bug
Special Widgets	13823	Modifying version on custom widget will delate all them on closed unsaved page - Case ID: 201803625	Bug



Category	Ticket ID	Summary	Type
Special Widgets	13938	Custom widget loses font when user edit its model - Case ID: 201803625	Bug
Special Widgets	13939	Tags attached to properties of "General" category not maintained when user modify custom widget version - Case ID: 201803625	Bug
Special Widgets	14075	Row type of TableDataSource widget doesn't support Font property if Multilanguage support is enabled - Case ID: 201804679	Bug
Standard Widgets	11951	Studio shows message "Failed to load page (namepage.)" when a page contains "." (dot) symbol in the name - Case ID: 201700574	Bug
Standard Widgets	12058	Combo box reFeature is unsatisfactory at first use of combo box - Case ID: 201701229	Bug
Standard Widgets	12589	ComboBox widget improvements - case ID: 201704686	Bug
Standard Widgets	13037	Combo-box select element not chosen with special sequence - Case ID: 201707716	Bug
Standard Widgets	14068	History trend widget doesn't show curves under a line - Case ID: 201804652	Bug
System Variables	13361	Wrong behavior in array with a tag as index - Case ID: 201801695	Bug
Tag Importer	12071	Fixed behavior of generic Tag import/export - Case ID: 201701417	Bug
Trends	12456	RestoreTrendDefault does not consider when min max are attached to tags - Case ID: 201701794	Bug
Trends	12640	Memory issue in page that contains Historical Trend - Case ID: 201704359	Bug
Trends	13828	Fixed Studio behavior in Real Time Trend, attach a Date Time combo widget to the Page Duration property - Case ID: 201803671	Bug
Utility / Tools	12163	Manage Target does not download package if same application has been deleted from panel - Case ID: 201701936	Bug
VNC	13208	VNC disconnection with specific project and action on WCE - Case ID: 201708293	Bug
VNC	13830	VNC server causes memory leak on WCE panels - Case ID: 201802586	Bug
VNC	14153	VNC does not allow connection protected by password when VNC logging is disabled - Case ID: 201804682	Bug
Widget: Button	7013	Button widget Value is not updating when the Tag attached to it is changed - Case ID: 201304432	Bug
Widget: Button	13147	Warning message "widget conflict" adding a new button widget with customer project - Case ID: 201800039	Bug
Widget: Light	13579	Studio crashes when clicking on "+" "OnDataUpdates" on a custom widget - Case ID: 201802688	Bug
Widget: Message Text	13313	Fixed Studio behavior when pasting a message widget inside a custom widget - Case ID: 2018001368	Bug
Widget: Scatter Diagram	12162	Pinch to zoom in Scatter Diagram - Case ID: 201701794	Bug
Widget: Scatter Diagram	12457	Graphic issues in axes labels for big numbers after zooming repeatedly - Case ID: 201701794	Bug
Widget: Shape	9775	Triangle shape is not an isosceles triangle - Case ID: 201506565	Bug
Widget: Table	13157	Items not centered in table widget when Scrollbar auto-hide is set to "AlwaysVisible" - Case ID: 201708286	Bug
Widget: Table	13245	Memory leak in table widget when open "OnDataUpdate" - Case ID: 201800824	Bug
Widget: Table	13854	Filtering table with BitIndexXForm not working at first refresh- Case ID: 201803813	Bug