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# Release Notes for InduSoft Web Studio

## Release Notes for InduSoft Web Studio

### InduSoft Web Studio v8.1 (Tuesday, October 31, 2017)

ID	Type	Description
18579	Issue	Resolved issue when opening a screen that has mnemonics, Checkboxes and Radio buttons did not receive the parameters from Custom Properties unless placeholder Tag was configured
20363	Issue	Resolved issue with the Trend Task, when configured to use Redundancy, the Synchronization was not working as expected when there were more than 1024 records to be synchronized.
20646	Issue	Resolved issue with the Redundant Database option for Alarm History, where the automatic synchronization was not working properly when the secondary DB became unreachable and, after coming back up, it was leaving out the Record that triggered the Synchronization.
21307	Issue	Resolved issue with the Alarm Control object not working as expected depending on the "Selection" field configuration for the Alarms
21308	Issue	Resolved issue with the Database Gateway *StADOSvrCE.exe" not working properly on Windows Embedded Compact (Windows CE)
21848	Issue	Resolved issue with the Tag Integration for Siemens TIA Portal that was not working with user defined structs containing arrays of nested structs.
22019	Issue	Resolved issue with the "Condition" field on the GRID Control object, which was not working when we use the NOT LIKE comparison option
22045	Issue	Improved the TCP Server and Clients communications reliability to avoid communication problems when messages are discarded by the client and the server send a late response.
22069	Issue	Resolved issue with the TwinCAT (TWCAT) Tag Integration which did not save a use a custom TCP port different than 851
22126	Issue	Resolved issue with the runtime Viewer module when starting several instances at the same time
22463	Issue	Improved stability and performance of all the Tag Integration data sources
22472	Issue	Resolved issue with Tag Integration for TwinCAT (TWCAT) creating an extra array position and causing communication errors
22475	Issue	Resolved issues with the Siemens TIA Portal Tag Integration functionality when using user defined structs that contain arrays of structs or structs of arrays
22507	Issue	Resolved issue with the Alarm/Event Control that was not properly filtering the messages depending on the Start Date and Time and the Time Zone
22703	Issue	Resolved issue with the Alarm Configuration for the Rate type which, after saving a Alarm Worksheet containing that Alarm, it would overwrite any Rate setting to 1/s
22764	Issue	Resolved issue with the Tag Integration for RSLogix 5000 (ABCIP) configuration window not accepting host names, only IP Addresses
23284	Issue	Resolved a Stack-based buffer overflow vulnerability
18121	Requirement	Implemented support to the Smart Message native object in the Mobile Access solution
18122	Requirement	Implemented support to the List Box native object in the Mobile Access solution
18123	Requirement	Implemented support to the Push Button native object in the Mobile Access solution
18142	Requirement	Improved the Trend Control in the Mobile Access solution with the addition of the "Auto Scale" capability
19936	Requirement	Added the Alarm and Event Control objects to the Mobile Access solution
20102	Requirement	Implemented OPCUA Server on IoTView, Embedded View and Windows Runtime.
20105	Requirement	Implemented a new unified way to license Thin Clients
20380	Requirement	Improved the Tag Fields usage on the Mobile Access solution to allow a behavior similar to the Local Viewer
20479	Requirement	Unified the OpenSSL versions across the different Requirements
20679	Requirement	Modified the Insert Linked Picture command to allow keeping the image original size
20821	Requirement	Resolved issue with Retentive Values being lost sporadically on the FullIntegrationSDK and on Windows Embedded Compact (WinCE) runtimes
21055	Requirement	Modified the "Reset Tags Database" command to also reset the Tag Quality to GOOD (192)
21226	Requirement	Modified the Event Logger to start creating records when an invalid user is entered when trying to Log On
21390	Requirement	Improved the VBScript debugger to have a better performance including popping up variables and tag values when hovering the mouse over them
21549	Requirement	Increased the stability when stopping the OPC-UA client task.
21822	Requirement	Re-implemented the System Tag "LastCodeChar_"
22098	Requirement	Improved the Mobile Access solution to add support for the built-in Grid object
22099	Requirement	Migrated the Windows OPC UA Client to use OpenSSL 1.0.2k
22144	Requirement	Modified the "Previous" column on the Event Logger Control to start collecting also the first time that a tag value has changed
22390	Requirement	Implemented an option on the App file so that the built-in \$Open() function, when resizing objects, do not resize the fonts
22713	Requirement	Improved the Trend Control object to increase the precision of the Cursor Value property,
22841	Requirement	Improved the RSLogix5000 ABCIP Tag Integration to implemented support for StringFamily Tag Family Types
22948	Requirement	Improvements on the PanelMate Import Wizard related to Wrapping the Captions inside the imported objects
22953	Requirement	Modified the Development Environment to stop capitalizing the letters of screen names when they were being added to Screen Groups

23178	Requirement	Improved the tcp server protection against clients connecting with a different version of the tags database.
23427	Requirement	Improved the Studio Database Gateway to always close all the open database resources avoiding denial of service on projects that require substantial database queries.
23460	Requirement	Implemented the WriteOutOfRange custom parameter to work also on Web Thin Clients
23908	Requirement	Resolved issue with Custom Fonts not appearing on the Fonts selection Dialog

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