ICONICS 10.96.1

Critical Fixes Rollup 2

Release Notes | ICONICS Suite™

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Contents

Introduction to Release Notes for 10.96.1 Rollup 2

This edition of Release Notes documents the changes made for 10.96.1 Critical Fixes Rollup 2. It includes both fixes and enhancements.

"First Available In" Column

Rollups are cumulative. Each rollup contains the fixes and enhancements of the previous rollup, so only the latest rollup is required to bring a system up to date. Rollups can be installed on top of a prior rollup or onto a system with no rollups.

The "First Available In" column notes which rollup a fix or enhancement first appeared in so that users who already have a rollup can determine what items are new for them.

AnalytiX

AnalytiX-BI

Ref ID	Description	First Available In
79737	Resolved a crash of the AnalytiX-BI Server that could occur when renaming a data table in Workbench if that table was used in a view.	New for 10.96.1 Critical Fixes Rollup 2
80737	When data is being loaded in a table, if the data type of the incoming data does not correspond to the data type of the column(s) where it is being inserted, one or more trace messages will be logged in TraceWorX. Previously, a warning-level message was traced for each row that had an issue. Now, only one message for the first invalid value will be logged at warning level. The other invalid values will also be logged, but at debug level instead of warning.	New for 10.96.1 Critical Fixes Rollup 2
78771	Resolved an issue introduced in 10.96.1 that could cause AnalytiX-BI to freeze or hang when retrieving records from data flows.	10.96.1 Critical Fixes Rollup 1

Workbench Provider

Ref ID	Description	First Available In
80158	Resolved an error that incorrectly considered column names with a dash to be invalid names. This affected Add Column, Rename Column, and Transpose Column steps in data flows.	New for 10.96.1 Critical Fixes Rollup 2
80279	Data flows and data models now allow the colon as a valid character in column names. Columns in a data flow that do not explicitly provide a data type will have their data types inferred by the first value. If the first value returned is a null value, string type will be used. These changes should make it easier to work with historical alarm data sources.	New for 10.96.1 Critical Fixes Rollup 2

BridgeWorX64 & Workflow

Ref ID	Description	First Available In
79991	Resolved an error causing the JSON Content Reader block's "Write to XML" function to always return an error state, even if the XML file was successfully created.	New for 10.96.1 Critical Fixes Rollup 2

CFSWorX

Ref ID	Description	First Available In
79400	Resolved an issue causing the CFSWorX workflow to erroneously reject acknowledgments from Twilio SMS, Vonage SMS, or emails if acknowledgments happened from the same worker on two different devices.	New for 10.96.1 Critical Fixes Rollup 2
80702	The association between a Dynamics user and a security user would get overwritten when resynchronizing with Dynamics. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80857	The Worker Access Point Manager would become unresponsive if Dynamics schedule update rate was very fast. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

Facility AnalytiX & FDDWorX

Ref ID	Description	First Available In
79606	For faults with an "enabled" field set to a dynamic value, if the dynamic enabled value changed from enabled to disabled while the fault was active, the fault would be considered disabled but still active. This was incorrect and has been resolved – disabled faults are now always considered inactive.	New for 10.96.1 Critical Fixes Rollup 2

Ref ID	Description	First Available In
80389	Resolved an issue preventing the FDDWorX service from starting when there are duplicate fault names for a single asset. When this issue occurred, TraceWorX would log these messages: Module 'FDD' Failed to Start: An item with the same key has already been added. ArgumentException : An item with the same key has already been added.	New for 10.96.1 Critical Fixes Rollup 2

Quality AnalytiX

Ref ID	Description	First Available In
67706	Automatic scaling on an SPC chart would sometimes drop the lower bound to zero even when the value did not reach that range. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

ReportWorX64 & ReportWorX64 Express

Ref ID	Description	First Available In
79176 78747	Resolved a rare issue that can cause files being transferred via AlertWorX to become corrupted. The most noticeable result of this was that ReportWorX64 email redirector tasks would send an email with no attachment or not send an email at all.	10.96.1 Critical Fixes Rollup 1

ReportWorX64 Express & Excel Add-In

Ref ID	Description	First Available In
80013	The ReportWorX64 add-in does not start properly in Excel 2010. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80117	Resolved an issue preventing Hyper Historian calculated tags from being downloaded more than once. Using the "Download Data" button once worked as expected, but then using the "Clear Data" button and doing a second "Download Data" would result in no data.	New for 10.96.1 Critical Fixes Rollup 2
80979 81010	Resolved an issue with dependencies between parameters. If one parameter was dependent on two or more other parameters, only changes to the first referenced parameter would update the dependent parameter.	New for 10.96.1 Critical Fixes Rollup 2
81093	Resolved an issue preventing ReportWorX64 Express to download data from HDA data sources other than Hyper Historian (including AssetWorX). Note that certain columns such as DisplayName are unique to Hyper Historian data sources and will not be filled in when populating from a non-Hyper Historian source.	New for 10.96.1 Critical Fixes Rollup 2

ReportWorX64 Viewer

Ref ID	Description	First Available In
80979	Resolved an issue with dependencies between parameters. If one parameter was dependent on two or more other parameters, only changes to the first referenced parameter would update the dependent parameter.	New for 10.96.1 Critical Fixes Rollup 2

Data Connectivity

BACnet Connector

Ref ID	Description	First Available In
80214	Resolved an issue causing some BACnet devices to stay offline after BACnet Runtime had successfully started.	New for 10.96.1 Critical Fixes Rollup 2
80713	Resolved an issue preventing the alarm subscription to more than one BACnet device at a time. Prior to this fix, subscribing to the alarms of more than one BACnet device would result in only the alarms of one device being displayed.	New for 10.96.1 Critical Fixes Rollup 2
79172	Resolved an issue causing slow response from the BACnet point manager. This included displaying BACnet presentValue data in runtime, expanding items in the BACnet provider in Workbench, and browsing for BACnet data in the data browser.	10.96.1 Critical Fixes Rollup 1

GridWorX

GridWorX Server

Ref ID	Description	First Available In
81193	Resolved a rare GridWorX Server crash that could occur if a command timed out under very specific circumstances.	New for 10.96.1 Critical Fixes Rollup 2
79170	Resolved a rare issue that can cause the GridWorX server to stop responding (hang).	10.96.1 Critical Fixes Rollup 1

GridWorX Viewer

Ref ID	Description	First Available In
67706	Automatic scaling on an SPC chart would sometimes drop the lower bound to zero even when the value did not reach that range. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
78756	Expressions for commands using dateparts of datetime fields in the GridWorX Viewer could return incorrect values when using non-US regional settings. This has been resolved.	10.96.1 Critical Fixes Rollup 1

Workbench Provider

Ref ID	Description	First Available In
80420	When configuring a stored procedure using the "Configure command" wizard, selecting a procedure, then going back and selecting a different procedure would update the procedure name but not the parameters. The parameters from the first procedure would still be in use. This has been resolved. Also resolved an issue where the length of varWChar parameters could not always be changed in the "Configure command" wizard.	New for 10.96.1 Critical Fixes Rollup 2
80457	When using the configuration wizard to select a stored procedure for Oracle, incorrect syntax could be generated, resulting in GridWorX being unable to execute the stored procedure. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80460	Resolved an issue preventing users from creating an Oracle data source using an output parameter.	New for 10.96.1 Critical Fixes Rollup 2

SNMP Connector

Ref ID	Description	First Available In
79857	Resolved a crash in Workbench that could occur when importing MIB files. This crash would occur when the imported MIB file contained multiple conceptual rows sharing the same type names.	New for 10.96.1 Critical Fixes Rollup 2

Web Services Connector

Ref ID	Description	First Available In
79805	Updates to common parameters in a REST service did not take effect until the Web Services Point Manager was restarted. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80685	If an exception occurred in a web manipulator's REST call the Web Services point manager would crash (Ico.Ws.Common.RestException). This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
78669	If the user was adding a SOAP service in Workbench and the proxy assembly (WSDL) they were using defined more than one service, the error below would be shown when hitting "Apply". This has been resolved. [System.InvalidOperationException] Cannot create a connection to the web service. Error Details: Object reference not set to an instance of an object.	10.96.1 Critical Fixes Rollup 1

Workbench Provider

Ref ID	Description	First Available In
79720	Previously, if the source of a web service API call is updated so that the schema changed, the return schema would have to be manually updated in the Web Services provider, otherwise values could appear in the wrong columns. Now, if the returned schema is different, the Web Services point manager will automatically attempt to match the new schema to the schema stored in the configuration so that, when possible, the client will receive the values in the correct columns. This allows the Web Services point manager to automatically react to small schema changes like a reordering of columns. For larger changes, it is still recommended to manually update the schema in the Web Services provider.	New for 10.96.1 Critical Fixes Rollup 2

GENESIS64

AlarmWorX64

AlarmWorX64 Server

Ref ID	Description	First Available In
80513	When alarms were acknowledged via AlarmWorX64 Multimedia agents, the ActorID would show as "unknown". This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

AlarmWorX64 Viewer

Ref ID	Description	First Available In
79662	Previously, setting a time zone on one event point in an AlarmWorX64 Viewer subscription would apply the same time zone to all event points. Now each event point may have a unique time zone. Note that applying multiple different time zones to the same alarm (such as if two event points with different time zones return the same alarm) is not supported and will have unpredictable results.	New for 10.96.1 Critical Fixes Rollup 2
79779	Resolved a rare crash in the AlarmWorX64 Viewer that could happen when the viewer's alarm subscription changed (such as when an alias in then tag name was updated). The problem was more likely to occur when there were many active alarms loaded before the change. This issue was only observed in the desktop (WPF) AlarmWorX64 Viewer but could have happened in other platforms. The fix was applied across all platforms including HTML5 and Universal Windows Platform (UWP).	New for 10.96.1 Critical Fixes Rollup 2
79780	Resolved an issue where the AlarmWorX64 Viewer could display duplicate rows if language aliases were used and the default translation value for an alias used in a displayed alarm was changed.	New for 10.96.1 Critical Fixes Rollup 2
79811	Alarms with a custom beep file specified as a web URL (example: http://servername/GENESIS64/WebSites/PubDisplay/Sound.wav) instead of a file URI (example: C:\Program Files\ICONICS\GENESIS64\WebSites\PubDisplay\Sound.wav) would not play the sound file in HTML5 displays. This has been resolved - custom beep files with a web URL should now properly play.	New for 10.96.1 Critical Fixes Rollup 2
80056	Resolved an issue that could leave instances of GraphWorX64 hanging in Task Manager when working with displays that contained AlarmWorX64 Viewers with List or Flip Views.	New for 10.96.1 Critical Fixes Rollup 2
80231	Resolved an issue that could cause the Flip or List Views in an AlarmWorX64 Viewer to fail to load alarms on some page loads.	New for 10.96.1 Critical Fixes Rollup 2
78922	When a filter is used for both historical and realtime alarms, the "area" field is ignored for historical alarms. "Area" is not supported for historical alarms, so this allows the filter to be used by both realtime and historical at the same time. Filters configured this way should use the "Field" property and the appropriate attribute (Attribute 4 in the default logger configuration) to filter by area.	10.96.1 Critical Fixes Rollup 1
78938	Resolved an issue in the AlarmWorX64 Viewer that could cause language aliases to fail to resolve once a user has logged into security with a user that has that default language.	10.96.1 Critical Fixes Rollup 1

AlarmWorX64 Multimedia

Ref ID	Description	First Available In
79389	Resolved an issue that could cause the mail agent to fail to send messages if the agent was launched with a different COM identity than normal (which could happen when logging onto the machine as a different user, or when sending a test message). When this issue would occur, TraceWorX for the mail agent would report "Password empty".	New for 10.96.1 Critical Fixes Rollup 2
80513	When alarms were acknowledged via AlarmWorX64 Multimedia agents, the ActorID would show as "unknown". This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

AlertWorX

Ref ID	Description	First Available In
78887	Resolved an issue with Twilio voice calls that could occur when the WebAPI service was bound to a nonstandard port. The issue would cause Twilio to read an error message to the listener instead of the desired message.	10.96.1 Critical Fixes Rollup 1
79176	Resolved a rare issue that can cause files being transferred via AlertWorX to become corrupted. The most noticeable result of this was that ReportWorX64 email redirector tasks would send an email with no attachment or not send an email at all.	10.96.1 Critical Fixes Rollup 1

AssetWorX

Ref ID	Description	First Available In
79276	Resolved an issue preventing acknowledging alarms coming through AssetWorX if the subscription was configured with both the ConditionName (under BaseConditionType) field and the OPC UA [http://opcfoundation.org/UA/]ConditionType fields.	New for 10.96.1 Critical Fixes Rollup 2
79966	Resolved a crash of the AssetWorX Point Manager that would occur if a client was subscribed to a parameterized equipment property using a non-default parameter value and a parent of that subscribed property was disabled or deleted or the point manager was stopped.	New for 10.96.1 Critical Fixes Rollup 2
79080	Resolved an issue causing the AssetWorX cache to stop working after upgrading a system from a 10.95.3 or earlier version to 10.96.1. When this problem would occur, the asset properties would return "Bad - Resource Unavailable", and TraceWorX would log this 800-level error: "Database cache: error opening or initializing cache table".	10.96.1 Critical Fixes Rollup 1

Asset Navigator

Ref ID	Description	First Available In
80586	When an Asset Navigator was configured with style rules for columns, the asset icons would be replaced by a default icon if the assets were expanded, closed, and expanded again. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

Controls

Camera Control

Ref ID	Description	First Available In
80667	Resolved an issue that could cause a black screen in the camera control when using RTSP streams if the camera sent an invalid origin.	New for 10.96.1 Critical Fixes Rollup 2
80743	Resolved an issue where playback would stop (the streaming service would stop providing video) if there were a large number of clients (around 100 or more).	New for 10.96.1 Critical Fixes Rollup 2

Table Control

Ref ID	Description	First Available In
78709	Added new properties for columns: Text Wrapping, Header Text Wrapping, Text Trimming, Header Text Trimming. "Wrapping" defines when text that does not fit into a cell will continue on the next line. "Trimming" defines how text overflowing a cell would be truncated or finished with an ellipsis (...). They apply to text in the cells or the header. These properties can have these values: Wrapping * None - No wrapping. * Wrap - Text will wrap to the next line. * Wrap with Overflow - Text will wrap to the next line at a natural breakpoint in the text. If a natural breakpoint cannot be found, text will overflow. Trimming	10.96.1 Critical Fixes Rollup 1

Ref ID	Description	First Available In
	* None - Overflowing text is simply truncated. * Character Ellipsis - Overflowing text will end with an ellipsis, which is placed behind the last letter. This may result in incomplete words. * Word Ellipsis - Overflowing text will end with an ellipsis, which is placed behind whole words.	

TrendWorX64 Viewer

Ref ID	Description	First Available In
80336	In HTML5 TrendWorX64 Viewers, if the server tag description should have been shown in the legend (i.e., there was no description set in the TrendWorX64 Viewer configuration), the tag path was shown instead. This has been resolved - the TrendWorX64 Viewer's legend will now display the server tag description, where appropriate.	New for 10.96.1 Critical Fixes Rollup 2
80638	Sampling intervals of a day or greater are no longer available in the runtime "Edit Trend Periods and Rates" dialog. This resolves an issue where sampling intervals of that length would case a crash. Also, the settings in this dialog are now validated before applying them.	New for 10.96.1 Critical Fixes Rollup 2
78662	Resolved an issue introduced in 10.96.1 causing the Time Shift property to not take effect for negative numbers (such as "-1 Hour"). This issue affected the TrendWorX64 Viewer in all platforms.	10.96.1 Critical Fixes Rollup 1

EarthWorX

Ref ID	Description	First Available In
79989	When more than one OGC/WMS connection is available, under Map Type the collections from all OGC/WMS connections would be shown, not just the active connection. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80977	Resolved an issue where OGC/WMS layers did not appear in WPF EarthWorX Viewers running in Internet Explorer (XBAP) when the OGC/WMS server was using certain TLS protocols. The XBAP EarthWorX Viewer now supports OGC/WMS servers running TLS 1, 1.1, 1.2, or SSL 3.0.	New for 10.96.1 Critical Fixes Rollup 2
78304	Resolved a crash when opening GraphWorX64 displays containing EarthWorX Viewers with OGC/WMS map layers that were configured in version 10.95.	10.96.1 Critical Fixes Rollup 1

GraphWorX64

Ref ID	Description	First Available In
79967	If an imported SVG file contained embedded images, the images would not show up after the display had been saved, closed, and reopened. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80388	Resolved an issue causing GenEvent "value written to" events triggered in WPF WebHMI pages (which run in Internet Explorer) to show "GENESIS64" as the tag source. They now show "GraphWorX64", which is consistent with previous versions. Note that this will affect display and logging filters on the source of GenEvents.	New for 10.96.1 Critical Fixes Rollup 2
81022	Restored the Functions button to the Smart Binding Editor window.	New for 10.96.1 Critical Fixes Rollup 2
81189	Resolved a rare issue with "valueof:" expressions that could cause them to not resolve to a value in certain cases.	New for 10.96.1 Critical Fixes Rollup 2
78670	Improved the SVG import when the imported SVG file contained gradient units of "userSpaceOnUse" (meaning the gradients were intended to be relative to the coordinate space of the parent viewport). This change can also improve other uses of "userSpaceOnUse" in SVGs beyond gradients.	10.96.1 Critical Fixes Rollup 1
79045	WPF GraphWorX64 running in Internet Explorer was not generating GenEvents when writing to process points. This has been resolved.	10.96.1 Critical Fixes Rollup 1

RecipeWorX

Recipe Navigator

Ref ID	Description	First Available In
80379	Resolved an issue that would occur when a recipe navigator was configured with an initial selection and a custom root was in use that was deeper than one level (so in a structure of rcp:A.B.C, the problem would occur with a custom root at level B or deeper). The issue would case recipe grids to fail to load data when attempting to load the initial selection given by the connected recipe navigator with this issue.	New for 10.96.1 Critical Fixes Rollup 2

Workbench Provider

Ref ID	Description	First Available In
79923	Reporting and Recipes databases that were upgraded from a version prior to 10.96.0 may be unable to delete items. This issue has been resolved. The Reporting or Recipe database will need to be upgraded again to benefit from this fix (Workbench should prompt the user to perform this update). When this issue occurred, the Workbench would throw an error that says: Cannot delete the items Cannot insert the value NULL into column '*columnName*', table '*tableName*'; column does not allow nulls. INSERT fails. The statement has been terminated.	New for 10.96.1 Critical Fixes Rollup 2
80001	Resolved an issue causing the "Import Recipe Tags" action to fail when importing certain CSV files. The error on import would be, "The selected file is not a valid file containing recipe tags".	New for 10.96.1 Critical Fixes Rollup 2

ScheduleWorX64

Schedule Control

Ref ID	Description	First Available In
78770	BACnet Schedule Viewers contain a new property (set on the Advanced tab) called SupportsArrayModification. The default value is True. When set to False, exception schedules will be saved using ObjectModify rather than array modification. Setting SupportsArrayModification to False can resolve issues where adding an exception resets the existing exceptions for certain devices that do not support array modification.	New for 10.96.1 Critical Fixes Rollup 2

Hyper Historian

Logger

Ref ID	Description	First Available In
79216	There was an issue in the process of recovering damaged data blocks. The data would be recovered; however, this problem would cause data reads that included a certain moment of time (the start of the original damaged block) to fail to read past that point. Reads that did not include this point would succeed. This issue has been resolved. Damaged data blocks are now properly recovered. No additional steps are necessary to recover data blocks that may have been partially recovered before this fix - the damaged data incorrectly left behind by the previous recovery that caused the problem will be removed automatically.	New for 10.96.1 Critical Fixes Rollup 2
79790	Boolean values can now work with the "Most Recent on Time" logging option.	New for 10.96.1 Critical Fixes Rollup 2
80270	Resolved an issue causing the data exporter to provide an invalid client secret, even when the correct client secret was supplied in the configuration. This affected Azure Data Lakes and Hadoop storage connections.	New for 10.96.1 Critical Fixes Rollup 2
80836	Hyper Historian TraceWorX messages no longer log the connection string.	New for 10.96.1 Critical Fixes Rollup 2
80939	Resolved an issue that prevented the Hyper Historian calculation engine from reading changes to triggers made in runtime. Newly created triggers were read fine, but prior to this fix, modifications to existing triggers would be ignored.	New for 10.96.1 Critical Fixes Rollup 2

Performance Calculations

Ref ID	Description	First Available In
79037	Recalculation tasks reading from text files in the CalculationTasks folder no longer fail if there was an extra carriage return or line feed at the end of the file.	10.96.1 Critical Fixes Rollup 1

SQL Query Engine

Ref ID	Description	First Available In
80655	Resolved an issue causing the GET_VALUES stored procedure to fail to run, always returning an error.	New for 10.96.1 Critical Fixes Rollup 2

IoTWorX & Internet of Things

Ref ID	Description	First Available In
80855	If a dynamic subscription was unsubscribed and the point also existed in a publish list, the publish list point would mistakenly be removed as well, causing it to go bad quality. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80978	Resolved a minor issue with the default settings that would be applied when changing to a different network mode.	New for 10.96.1 Critical Fixes Rollup 2
81099	Resolved an issue preventing buffered points from publishing.	New for 10.96.1 Critical Fixes Rollup 2

BACnet Connector

Ref ID	Description	First Available In
79200 79202	Resolved issues that could cause a device to not return any objects on discovery if the device did not have segmentation support or had a large number of objects (thousands).	10.96.1 Critical Fixes Rollup 1
79295	Network Discovery now returns "Device: *ID*" as the device name if the device returns an empty string for the objectName property. Previously an empty string was used as the device name.	10.96.1 Critical Fixes Rollup 1

Internet of Things BACnet Workbench Provider

Ref ID	Description	First Available In
78743	When creating a new network entity, the network number is now set to 0 by default.	10.96.1 Critical Fixes Rollup 1
78778	The object discovery dialog no longer launches automatically after defining the device. (This behavior was not useful in an IoT project because the device has to be deployed before object discovery can occur.)	10.96.1 Critical Fixes Rollup 1

KPIWorX

Ref ID	Description	First Available In
79243	Categorical charts did not save the order of series mapped to a particular axis, meaning the order of the series could change after the dashboard was saved and reloaded. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80619	When using stacked series in a categorical chart and sorting them into different stack groups, the StackGroupKey would not be saved with the dashboard. This resulted in all series being rendered in the same stack after reloading a saved display. This has been resolved. Dashboards suffering from this issue will need to be saved again after applying this fix to properly store the StackGroupKey into the dashboard save file.	New for 10.96.1 Critical Fixes Rollup 2
78929	OGC/WMS map layers in EarthWorX Viewers or the KPIWorX Map component that were configured in version 10.95 would not render. This has been resolved.	10.96.1 Critical Fixes Rollup 1

MobileHMI & HTML5 WebHMI

App Hub

Ref ID	Description	First Available In
80874	When the MobileHMI server was configured with a single layout and a single tile, the page for that single tile should be loaded automatically when MobileHMI clients connected. Android or iOS clients had an issue where that page would continue to be loaded every few seconds. This has been resolved - the page now only loads once, as desired.	New for 10.96.1 Critical Fixes Rollup 2

HTML5, iOS, Android

Ref ID	Description	First Available In
79460	On systems with 10.96 Critical Fix Rollup 3 or 10.96.1 Critical Fix Rollup 1 applied, in SVG objects using gradients and the "userSpaceOnUse" gradient units, the gradients were not rendered correctly in HTML5 displays. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
79847	Resolved an issue causing gradients to not display correctly.	New for 10.96.1 Critical Fixes Rollup 2
79961	TrendWorX64 Viewers were not treated as valid drag-and-drop targets for process points. This has been resolved. Also resolved an issue where process points with the ResolveAliasesInDragDropDataSource property were not properly resolving the tags before the drag-and-drop action. This issue was not visible in many situations because the target (such as a TrendWorX64 Viewer) would then resolve the tag, but it caused unexpected behavior in some situations.	New for 10.96.1 Critical Fixes Rollup 2
81110	Resolved a potential cross-site scripting vulnerability.	New for 10.96.1 Critical Fixes Rollup 2
78708	Resolved a rare memory leak (that could eventually lead to a crash) of the HTML5 engine. This problem was related to FrameWorX connections that were not being properly disposed when displays were closed.	10.96.1 Critical Fixes Rollup 1
78760	Resolved an HTML5 crash (System.NullReferenceException) that would cause displays to reload. This crash was related to the use of the GridWorX Viewer.	10.96.1 Critical Fixes Rollup 1

AlarmWorX64 Viewer

Ref ID	Description	First Available In
81224	The HTML5 AlarmWorX64 Viewer now supports the "Show Dialog" sub-command of the "Set Time Range" global command.	New for 10.96.1 Critical Fixes Rollup 2
78655	Resolved two styling issues with borders in the HTML5 AlarmWorX64 Viewer. First, the control always had an additional black outer border. Second, when horizontal grid lines were shown, they were always black. The outer border and horizontal grid lines now obey the border color configured in the viewer.	10.96.1 Critical Fixes Rollup 1

Asset Navigator

Ref ID	Description	First Available In
80422	Commands configured using the "Directly accessible" option in the AssetWorX Workbench provider were not being executed when the button was selected in an HTML5 AssetWorX Navigator. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

Data Explorer

Ref ID	Description	First Available In
80661	The HTML5 Data Explorer control did not load custom grid styles if it was loaded inside of an embedded GraphWorX64 Viewer. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

EarthWorX

Ref ID	Description	First Available In
80107	Resolved an issue where pins with the clone dynamic are not correctly positioned in HTML5 EarthWorX displays. This issue would only occur when the pin was inside a group, the clone dynamic was applied to the group, then the cloned group was inside another group.	New for 10.96.1 Critical Fixes Rollup 2
80620	HTML5 EarthWorX displays would not show layers from an OGC/WMS service. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
81179	Resolved an issue that may cause the EarthWorX Viewer to not correctly fill the space with tiles when zooming inside an embedded viewer.	New for 10.96.1 Critical Fixes Rollup 2
78929	OGC/WMS map layers in EarthWorX Viewers or the KPIWorX Map component that were configured in version 10.95 would not render. This has been resolved.	10.96.1 Critical Fixes Rollup 1

GraphWorX64

Ref ID	Description	First Available In
79603	Path primitives in SVG objects were not rendered in HTML5 displays. (Path primitives are common elements in SVGs, so it is possible an entire SVG file would not have rendered due to this issue.) This issue only occurred on systems using 10.96 Critical Fix Rollup 3 or 10.96.1 Critical Fix Rollup 1 and has now been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80025	Resolved an issue that could prevent swiping between different pages of a pivot control if the pivot was in a scroll panel that didn't allow scrolling (such as if it was explicitly disabled or the content fit the available space and scrolling wasn't needed).	New for 10.96.1 Critical Fixes Rollup 2
80153	Global alias values were not always being carried over to the next display when a Load Display action was performed. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80306	If a statefield process point was configured with dynamic state text (such as language aliases or expressions), the initial state text would not display. After the first state change the text would display as expected. This issue has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
78638	Resolved an issue where a scrollable panels or control inside of a scroll panel could create an inconsistent scrolling experience, such as jumping back to the original spot when the scroll was released.	10.96.1 Critical Fixes Rollup 1
78639	Resolved an issue preventing scrolling in a scroll panel when the mouse or finger was at the top of a table. (Tables are used in controls such as the GridWorX Viewer, AlarmWorX64 Viewer, the TrendWorX64 Legend, and more.)	10.96.1 Critical Fixes Rollup 1
79033	Resolved an issue where the process point state selector ignored the order of state conditions. This resulted in behavior that was inconsistent with desktop (WPF) GraphWorX64. The state selector behavior is now consistent between the two formats.	10.96.1 Critical Fixes Rollup 1

GridWorX Viewer

Ref ID	Description	First Available In
79346	GridWorX charts with very long legends placed below the chart now display the legend in a scrollable list instead of reducing the chart space. This was previously updated for legends displayed on the side of the chart, now it applies to legends below the chart.	New for 10.96.1 Critical Fixes Rollup 2
79564	Autoscale is now correctly applied in HTML5 GridWorX Viewer charts if the data is a series of identical values. A buffer of 0.5 is added to the vertical axis above and below the value. This is now more consistent with desktop (WPF) GridWorX Viewer charts.	New for 10.96.1 Critical Fixes Rollup 2
79725	Resolved an issue causing the HTML5 GridWorX Viewer's runtime filter to lose the first condition if the "and" or "or" condition was used.	New for 10.96.1 Critical Fixes Rollup 2
79919	Resolved an issue causing the cursor tooltip to not always display properly when viewing graphs that contained both bar and line series.	New for 10.96.1 Critical Fixes Rollup 2
80064	GridWorX Viewer pie and donut charts could be rendered in a distorted shape if there was too large of a range between the greatest and smallest value in the series. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

Ref ID	Description	First Available In
80967	Resolved an issue that could cause legend labels to not appear in HTML5 GridWorX charts.	New for 10.96.1 Critical Fixes Rollup 2
78625	When exporting data from the HTML5 GridWorX Viewer, the results are no longer formatted. This is now consistent with the export in the desktop (WPF) GridWorX Viewer, and avoids issues where data is incorrectly formatted due to regional settings on the system.	10.96.1 Critical Fixes Rollup 1
78626	When exporting a CSV file from the HTML5 GridWorX Viewer, the semicolon (;) is now used as the delimiter instead of a comma (,). This is now consistent with the desktop (WPF) GridWorX Viewer and avoids problems with regional settings where the comma is used as the decimal separator.	10.96.1 Critical Fixes Rollup 1
78628	Previously, HTML5 GridWorX Viewer charts would only group visible series if they were connected to the same axis. Now, to be consistent with the desktop (WPF) GridWorX Viewer, series will be grouped if they are on different axes. Previous to this change, if bar plots were on different axes, they would appear overlapped or stacked. Now they appear clustered. (Only series of the same plot type can be grouped. This behavior hasn't changed.)	10.96.1 Critical Fixes Rollup 1
78629	HTML5 GridWorX Viewer charts now respect the "EnableSmartLabels" property.	10.96.1 Critical Fixes Rollup 1
78630	HTML5 GridWorX Viewer charts now respect the "VerticalGridInterval" property.	10.96.1 Critical Fixes Rollup 1
78785	Language aliases in GridWorX chart series titles are now properly translated when exporting data from the chart.	10.96.1 Critical Fixes Rollup 1

TrendWorX64 Viewer

Ref ID	Description	First Available In
79718	In the HTML5 TrendWorX64 Viewer, the pen description is now requested as a data tag. This is now consistent with the desktop (WPF) implementation.	New for 10.96.1 Critical Fixes Rollup 2
79727	When using the Edit Pen command to change the Time Shift property in an HTML5 TrendWorX64 Viewer, the historical data was not reloaded. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
80441	Resolved an issue causing the cursor to jump around randomly, especially when drilling into a chart.	New for 10.96.1 Critical Fixes Rollup 2
80642	The HTML5 TrendWorX64 Viewer would display invalid pens in the tooltip, even if "Show invalid pens" was disabled in the TrendWorX64 Viewer configuration. This has been resolved.	New for 10.96.1 Critical Fixes Rollup 2
81225	X-axis tick mark labels now wrap rather than overlap each other.	New for 10.96.1 Critical Fixes Rollup 2
78627	The HTML5 TrendWorX64 Viewer now auto-scales properly even when there is only one sample present.	10.96.1 Critical Fixes Rollup 1
78662	Resolved an issue introduced in 10.96.1 causing the Time Shift property to not take effect for negative numbers (such as "-1 Hour"). This issue affected the TrendWorX64 Viewer in all platforms.	10.96.1 Critical Fixes Rollup 1
79097	Resolved an issue where selecting a day in the Time Navigation dialog's calendar would not always correctly choose 12 AM as the start of that day.	10.96.1 Critical Fixes Rollup 1

MobileHMI Server

Ref ID	Description	First Available In
79209	Resolved a crash in the MobileHMI Point Manager that would happen if there were images configured with null or duplicate names under MobileHMI > Configuration > Images. (Since the MobileHMI Point Manager usually runs in-process, this would usually present as a crash FrameWorX.)	New for 10.96.1 Critical Fixes Rollup 2

Platform Services

Expressions

Ref ID	Description	First Available In
79751	The tonumberbase function can now convert hexadecimal numbers that are not prefaced with "0x" (example, "0B" instead of "0x0B"). Previously, attempting to convert a hexadecimal number without the "0x" prefix returned bad quality.	New for 10.96.1 Critical Fixes Rollup 2
78330	Resolved an issue where the expression engine no longer recognized nested dollar-quotes ($" "$) as valid syntax. This behavior unintentionally changed when moving from 10.95.x to 10.96 and has now been restored to the 10.95.x syntax.	10.96.1 Critical Fixes Rollup 1

FrameWorX

Ref ID	Description	First Available In
79370	When acknowledging alarms on third-party OPC UA servers, if the third-party server did not return the ConditionName then the ICONICS security check would fail when determining if the user is allowed to acknowledge the alarm, preventing the acknowledgement from functioning. (This check happens even if security is not enabled, so acknowledgements would always fail for these third-party servers.) The security check has been enhanced so it no longer fails, however the lack of a ConditionName may still prevent a user from acknowledging an alarm when security is being enforced for alarm acknowledgments. Note, OPC UA specifications state that the ConditionName should be returned, so this situation should not happen with fully compliant OPC UA servers.	New for 10.96.1 Critical Fixes Rollup 2
78462	Resolved an issue preventing communication when the FrameWorX communication was configured to use WS HTTP and a client certificate was used. This could prevent remote applications from receiving a license, preventing them from working altogether.	10.96.1 Critical Fixes Rollup 1

OPC UA

Ref ID	Description	First Available In
80089	In the unlikely event that an OPC UA server alias used in a point was not created until the point was already in runtime, the point would not receive an update until FrameWorX was restarted. This has been resolved - now as soon as the alias is created in the OPC UA Network configuration, preexisting point using that alias will begin working.	New for 10.96.1 Critical Fixes Rollup 2

Project Reporting

Ref ID	Description	First Available In
79923	Reporting and Recipes databases that were upgraded from a version prior to 10.96.0 may be unable to delete items. This issue has been resolved. The Reporting or Recipe database will need to be upgraded again to benefit from this fix (Workbench should prompt the user to perform this update). When this issue occurred, the Workbench would throw an error that says: Cannot delete the items Cannot insert the value NULL into column '*columnName*', table '*tableName*'; column does not allow nulls. INSERT fails. The statement has been terminated.	New for 10.96.1 Critical Fixes Rollup 2

Unified Data Manager

Ref ID	Description	First Available In
79565	Resolved an issue preventing Unified Data Manager expressions from resolving tags coming from the SNMP point manager.	New for 10.96.1 Critical Fixes Rollup 2

WebAPI

Ref ID	Description	First Available In
79832	Voice Machine Interface "custom skills" would reply with an error message if the configured reply message contained a dynamic tag value. This problem was introduced in version 10.96.1 and has been resolved.	New for 10.96.1 Critical Fixes Rollup 2

Workbench

Ref ID	Description	First Available In
80024	On systems with 10.96.1 Critical Fix Rollup 1, creating a new database in Workbench with all providers would result in an error that said, "[System.InvalidOperationException] The provider EA does not support the possibility to create a database configuration. Its repository doesn't implement the DbConfigurationLogic required for this operation". This error has been resolved in this rollup.	New for 10.96.1 Critical Fixes Rollup 2
78552 78553	When using the "Enable and run only the services for the applications that are in the project" option under Configure Application(s) Settings > General Settings tab, some services were properly disabled. This has been resolved.	10.96.1 Critical Fixes Rollup 1
78619	Previously, when creating a new active project, all ICONICS services would get set to Automatic startup type, not just the ones used in the project. Now only the services used in the project that were previously not in use are activated (startup type set to Manual or Automatic, depending on the service), and services not used by the project that were previously in use are set to Disabled.	10.96.1 Critical Fixes Rollup 1

Known Issues & Limitations

Ref ID	Description
79998	The format of AnalytiX-BI export files changed slightly at one point, making the export files before and after the update incompatible. This unfortunate change was required to resolve an issue. Attempting to import files using the old format will result in a "Cannot import item{\}. Error: Parent key not set correctly" error. As a workaround, the export files can be manually changed to be compatible with the new format. Follow these steps to update them: 1. Edit your export file in Excel or a text editor like Notepad. 2. Rename all "Data Flows" in entity paths to "DataFlows". 3. Rename all "Data Models" in entity paths to "DataModels". 4. Save the file. 5. Repeat the import. It should correctly import. These steps are required when exporting an AnalytiX-BI configuration from one of these versions: • 10.90 and any of its update packs • 10.95.x systems before 10.95.6.1 • 10.96.0 and its rollups And importing it into one of these versions: • 10.95.6.1 or later 10.95.x version • 10.96.1 or later (This information is also documented in the ICONICS Knowledgebase under article KB-3754.)
67774	Energy AnalytiX has been temporarily held out of version 10.96.x while we make some significant updates. Look for the new and improved Energy AnalytiX to be re-introduced in a future update. Please contact your local sales representative or email info@iconics.com with questions or feedback.
47824	Installing BizViz after AlarmWorX64 MMX will cause the call-out agent to be unable to play voice when it calls out. This does not happen if BizViz is installed first.
52673	The AlarmWorX64 Multimedia Configurator (Workbench Classic) does not support upgrading AlarmWorX64 Multimedia configurations contained in databases along with other ICONICS configurations (such as unified configuration databases). Please use the standard Workbench to upgrade these configurations.
79321	The AlarmWorX64 Multimedia task tray agent is no longer supported.
80808	GenEvent "value written to" events triggered from WPF applications running in Internet Explorer (such as Workbench running in Internet Explorer) will incorrectly show "GraphWorX64" as the client originating the event. Note that this will affect display and logging filters on the source of GenEvents. For example, events filtered to only show GraphWorX64 events will also show "value written to" events from Workbench running in Internet Explorer, and events filtered to only show Workbench events will not show these "value written to" events from Workbench in Internet Explorer.
46650	There is a known issue that may cause the TrendWorX32 Logger configurator to become unable to connect to the TrendWorX32 Logger Engine when running GENESIS32 and GENESIS64 together and after uninstalling GENESIS64. A reregistration of the TrendWorX32 Logger will mitigate this issue.
77725	In the case that both the ICONICS Suite and CFSWorX standalone are installed on the same system, uninstalling one of them could damage the other installation. Either both products must be uninstalled, or the remaining product must be repaired. Note that CFSWorX features can be installed as part of the ICONICS Suite installation. This is the recommended configuration, rather than installing CFSWorX standalone. (GENESIS64 and Hyper Historian installations are ICONICS Suite installations with certain options preconfigured, so this issue and recommendation apply to those installations as well.)
72771	If the edge device cannot connect to the IoT Hub for a period of time, messages older than two hours are removed from the queue and are not published into the IoT Hub after reconnection. This will cause gaps in data collection if the device is disconnected for more than two hours.

Ref ID	Description
	This time period of two hours can be modified in the Azure Portal. It is the "Store and forward configuration - time to live" setting in the Edge Hub deployment. Users must deploy their device from Workbench per normal, then modify the first deployment in the Azure Portal to change this value. (Please consult Azure Edge Hub documentation if you cannot find this setting.) Note that increasing this value will require additional disk space on the edge device for storing the extra buffered data in the event of an extended disconnection.
72897	When an internet connection is re-established after an internet disconnection, it may take about 15 minutes to re-create the connection between the EdgeHub module running on the edge device and the IoT Hub running in the cloud. Note that no data should be lost in this situation. Data will be buffered and resent when the connection to the IoT Hub is made.
58862	The BACnet trend buffer is not synchronized correctly (creating a gap in the historical trend) when the Hyper Historian Logger Service has been stopped for a period of time (at least 15 minutes, but more likely to happen the longer the logger has been stopped).
69596	Users upgrading an IoT Collector configuration from 10.95.x to this version should reconfigure their Hyper Historian tags in the following manner: tags should be placed within a folder that has a name matching the DeviceID of the IoTWorX device collecting the tags.
68302	Loading a KPIWorX dashboard with the new "Current Day" preset selected in the Calendar widget will display as a custom range instead of the preset. The range will still be the correct day, however.
63359	Esri maps are currently not supported in HTML5.
61479	Network discovery no longer works on operating systems with the latest updates. This is due to Microsoft removing the SMBv1 and Computer Browser services. These services were removed for security reasons, as they were being leveraged in ransomware and other malware attacks. See this Windows support article for more information on why these services were removed: https://docs.microsoft.com/en-us/windows-server/storage/file-server/troubleshoot/smbv1-not-installed-by-default-in-windows There are currently no alternative methods for ICONICS products to use for accurate and safe network discovery. ICONICS recommends that in lieu of automatic network discovery users can add servers manually under Platform Services > FrameWorX > Network Settings > FrameWorX Network or OPC UA Network. For OPC Classic servers, add them under Platform Services > FrameWorX > Server Settings > GenBroker64 Settings. For the channel type (most likely "OPC over TCP/IP"), select the "Configure Nodes" icon in the first column and add your server name or IP address as a node.
39489	Due to a license performance enhancement, it is advised to restart the license service and FrameWorX services after applying a new license. This includes activating the trial license. Alternatively, the end user can reboot the PC.
78056	On some systems, the ICONICS License Service may fail to start after a reboot, causing clients such as Workbench and GraphWorX64 to display keys or a license failure message. If this occurs, change the startup type of the service from Automatic to Automatic (Delayed) using the Services control panel. This was observed most often on Windows Server 2016 and Windows Server 2019.
55389	There is a known Workbench issue where the user may not be able to replace a tag when a form is maximized. To work around this, the user can drag and drop the tag, manually enter it, or copy and paste it.

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