ICONICS 10.96

Release Notes | ICONICS Suite™

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Contents

Introduction to Release Notes for 10.96 Rollup 3

This edition of Release Notes documents the changes made for 10.96 Critical Fixes Rollup 3. 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
75466	Resolved an AggregateException error that could occur with data flows that used an Asset Property Values step if there were equipment properties with static values defined in AssetWorX.	Critical Fixes Rollup 2
75796	When a data model reloaded a column that had hierarchical data (such as a PointName or AssetPath), the hierarchical would not load properly, and the column would return empty values. This has been resolved.	Critical Fixes Rollup 2
73320	Resolved an issue causing the AnalytiX-BI server (FwxBiService.exe) to crash (System.NullReferenceException) when the user attempts to browse a data table source that uses an asset dimension as a data source.	Critical Fixes Rollup 1
74121	Resolved a rare issue causing the AnalytiX-BI server (FwxBiService.exe) to crash (System.InvalidOperationException).	Critical Fixes Rollup 1
74679	Filter blocks could occasionally throw an exception (AggregateException) and cause the data flow to fail. This would be an intermittent problem, occurring only some of the time for the same data flow. This problem could also result in high CPU usage of the AnalytiX-BI server after running for a period of time when filter blocks were in use. This exception and excessive CPU usage has been resolved.	Critical Fixes Rollup 1

Workbench Provider

Ref ID	Description	First Available In
77614	The data sources > dataset step of a data flow might hang during loading when it has a large number (over ~2500) of rows. This has been resolved.	New for Critical Fixes Rollup 3
75219	Data models in a folder where the folder name was the same as or contained the model name (for example, a folder named "EnergyFolder" and a data model named "Energy") would fail to return data. This has been resolved.	Critical Fixes Rollup 2
73321 72889	Resolved an issue that could cause the configuration upgrade process to fail with a System.NullReferenceException error. This error had to do with a data flow with a remove column step that was misconfigured - it was missing a required property. It is unclear how a configuration could get to this state, but the upgrade process now deals with it more gracefully.	Critical Fixes Rollup 1

BridgeWorX64 & Workflow

Common

Ref ID	Description	First Available In
75678	Resolved a race condition that could cause inconsistent results from the Data Set Reader activity. The read could resolve successfully, or it could throw one of these errors: "Object reference not set to an instance of an object" or "Index was outside the bounds of the array". This issue was most often observed when reading web service tags, however it could happen with any tag.	Critical Fixes Rollup 2

Facility AnalytiX & FDDWorX

Ref ID	Description	First Available In
77450	Fault rules that contain the same parameter more than once may incorrectly fire and then clear in a very short amount of time (often less than a second). This has been resolved.	New for Critical Fixes Rollup 3
77563	Resolved an FDDWorX service crash (System.ArgumentOutOfRangeException) that could occur using a remote data source in the fault viewer. The service should no longer crash but accessing remote assets directly in the fault viewer is not supported. Users should create an external link in their local AssetWorX and then reference that through the local AssetWorX server.	New for Critical Fixes Rollup 3
78139	Resolved an issue that could cause the fault engine to stop logging faults if a fault cost expression resolved to an unexpected value.	New for Critical Fixes Rollup 3

Fault Viewer

Ref ID	Description	First Available In
77505	When displaying an expression in a table control or Fault Viewer column, initial values would not be shown for expressions. This may result in slow-changing expressions showing a blank value until the first time it updates after the display was opened. This has been resolved.	New for Critical Fixes Rollup 3

Quality AnalytiX

Ref ID	Description	First Available In
75861	Recalculation tasks for SPC tags did not recalculate. Samples in the time range would be removed and this exception would be logged: "LibraryFuncionException : Evaluation of ' ' failed". This has been resolved.	Critical Fixes Rollup 2

ReportWorX64 & ReportWorX64 Express

Ref ID	Description	First Available In
78772	Resolved an issue causing two emails to be sent when executing a ReportWorX64 report with an email redirector.	New for Critical Fixes Rollup 3

ReportWorX64 Express & Excel Add-In

Ref ID	Description	First Available In
77733	Resolved an issue where ReportWorX64 Excel Add-In functions were unable to be used when connecting to a remote FrameWorX Server for the first time. (The next time Excel was opened, the ReportWorX64 functions would work normally.)	New for Critical Fixes Rollup 3
73153	Resolved a "Cannot initialize the context menu, a resource is missing, and the application will not work as expected" error when loading the ReportWorX64 Excel add-in. This error would only happen in newer builds of Excel (1902 Build 11328.20480 or later).	Critical Fixes Rollup 1

Data Connectivity

BACnet

Ref ID	Description	First Available In
77274	Resolved an error in the BACnet Runtime provider of Workbench Classic. When selecting a device, this error would occur: "A web service error occurred: The formatter threw an exception while trying to deserialize the message..." This error only occurred on systems with Critical Rollup 1 or 2 installed.	New for Critical Fixes Rollup 3

GridWorX

GridWorX Viewer

Ref ID	Description	First Available In
75139	Commands in virtual fields of the GridWorX Viewer could not use parameters. This has been resolved.	Critical Fixes Rollup 2
74466	Resolved an issue that could cause alarm and grid controls to not load properly with specific configurations involving hidden viewers and loading the viewer configuration file using global aliasing.	Critical Fixes Rollup 1

Workbench Provider

Ref ID	Description	First Available In
77509	Resolved an issue where using the Autodetect Schema link in a data source did not cause the Apply button to enable.	New for Critical Fixes Rollup 3
72890	Resolved an InvalidOperationException error that could appear when upgrading GridWorX configuration databases containing a data source that was linked to a nonexistent data source.	Critical Fixes Rollup 1

Modbus Point Manager

Ref ID	Description	First Available In
73088	Resolved this error, which would appear when attempting to browse Data Connectivity > Modbus > Address Space or Channels: *Cannot complete browse operation* *[System.InvalidCastException] Error reading a row from the table 'MB_Channels'. Error reading the column 'IgnoreUnitID' as data type 'Bit'. The value in the database is 'int'* *[System.InvalidCastException] Error reading the column 'IgnoreUnitID' as data type 'Bit'. The value in the database is 'int'* This error would only occur in Modbus configuration databases that were upgraded from 10.95.x. Note that simply installing the critical fixes rollup will not repair a Modbus configuration database with this problem. To completely resolve this issue the user must restore the Modbus configuration to a backup from before the upgrade and then upgrade it again after installing the rollup.	Critical Fixes Rollup 1

Web Services

Ref ID	Description	First Available In
78587	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.	New for Critical Fixes Rollup 3

Ref ID	Description	First Available In
74868	The Web Services point manager would fail to return data and record a MissingMethodException in the TraceWorX log when executing or browsing certain SOAP methods.	Critical Fixes Rollup 2
75441	Executing SOAP methods that return an object with enum properties may return values in the wrong columns. This has been resolved.	Critical Fixes Rollup 2

GENESIS64

AlarmWorX64

AlarmWorX64 Logger

Ref ID	Description	First Available In
75052 75212	When attempting to replay alarms that were logged to a SQL Server or Azure SQL database, the alarms would fail to replay and this error would be logged in TraceWorX for the alarm logger point manager: "Archive Indexer: Failed to create ArchiveSet for *configuration name*: Login failed for user '*encrypted string*'". This has been resolved.	Critical Fixes Rollup 2
75860	Resolved an issue causing language aliases in the alarm message to not resolve the first time they are logged.	Critical Fixes Rollup 2
74055	Resolved an issue preventing logging to Azure SQL databases. Also resolved an issue preventing logging when "Use a custom database for logging" was selected and a database other than the configuration database was specified.	Critical Fixes Rollup 1

AlarmWorX64 Logger Workbench Provider

Ref ID	Description	First Available In
77645	Resolved an issue where filters created with the filter wizard used an incorrect syntax that would result in no alarms being logged.	New for Critical Fixes Rollup 3
74426	When configuring an alarm subscription in the alarm logger, if the user edited an existing subscription and replaced the tag rather than deleting the subscription and adding a new one, the categories or attributes may not be browsable. This has been resolved.	Critical Fixes Rollup 2

AlarmWorX64 Viewer

Ref ID	Description	First Available In
78719	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.	New for Critical Fixes Rollup 3
74579	Resolved a memory leak in the AlarmWorX64 Viewer's list mode. This leak was observed in the desktop (WPF) platform, but it may have affected Universal Windows Platform (UWP) as well. The fix was applied to both formats.	Critical Fixes Rollup 2
76339	Resolved a rare crash (page reload) the that could happen when switching away from a page with an AlarmWorX64 Viewer.	Critical Fixes Rollup 2
74466	Resolved an issue that could cause alarm and grid controls to not load properly with specific configurations involving hidden viewers and loading the viewer configuration file using global aliasing.	Critical Fixes Rollup 1

AlarmWorX64 Multimedia

Ref ID	Description	First Available In
76466	Resolved an "Assembly not allowed" error message that could appear when trying to change the alarm filter on an action set. This error message would only appear on systems with Critical Fixes Rollup 1 installed.	Critical Fixes Rollup 2

Workbench Provider

Ref ID	Description	First Available In
52675	AlarmWorX64 Multimedia (MMX) configurations can now be safely kept in a database along with other ICONICS configuration databases (such as when using a unified configuration database).	New for Critical Fixes Rollup 3

Ref ID	Description	First Available In
	Users should use the standard Workbench, not the AlarmWorX64 Multimedia Configurator (Workbench Classic) to upgrade their AlarmWorX64 Multimedia configurations. Workbench Classic does not support upgrading databases at this time. (See known issues & limitations, reference ID 52673.)	
77195	Copying and pasting items in the AlarmWorX64 MMX configurator would result in this error: "Failed to paste the item '*name*'. Unexpected error while invoking the service: The formatter threw an exception..." This issue only occurred with 10.96 systems with Critical Fixes Rollup 1 or 2 applied. This has been resolved.	New for Critical Fixes Rollup 3
76465	Resolved an issue causing the Test button for agents to fail. This issue only happened on 10.96 systems with Critical Fixes Rollup 1 installed.	Critical Fixes Rollup 2

AlertWorX

Ref ID	Description	First Available In
78886	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.	New for Critical Fixes Rollup 3
75248	AlertWorX now validates that Twilio status updates are actually from Twilio before updating the status (Queued, Sent, etc.) of an alert. Previously only replies were verified, not status updates.	Critical Fixes Rollup 2

AssetWorX

Ref ID	Description	First Available In
76420	Resolved an issue retrieving cached values when the cache data source database connection was configured to use a SQL user.	Critical Fixes Rollup 2

Asset Navigator

Ref ID	Description	First Available In
74900	When navigating away from a display with an Asset Navigator that contained microcharts, the container (usually GraphWorX64) would crash. This has been resolved.	Critical Fixes Rollup 2
75909	Column styling rules that used @@self (most rules) were not being applied in the Asset Navigator unless a row rule was configured as well. This has been resolved.	Critical Fixes Rollup 2

Workbench Provider

Ref ID	Description	First Available In
73108	Resolved an issue that would cause the "Instance details" tab of instantiated assets to be read only. This only happened with configurations that were created using the Bulk Asset Configurator and then upgraded to 10.96 from a previous version.	Critical Fixes Rollup 1

Controls

Table Control

Ref ID	Description	First Available In
77505	When displaying an expression in a table control or Fault Viewer column, initial values would not be shown for expressions. This may result in slow-changing expressions showing a blank value until the first time it updates after the display was opened. This has been resolved.	New for Critical Fixes Rollup 3
74537	Resolved an issue that would prevent a table control from properly refreshing when a dynamic source tag changes or an alias used in the tag name changes.	Critical Fixes Rollup 2
76455	Resolved an issue in the row styling rules of table and fault viewer controls. The formatting from the styling rules could show briefly and then disappear or disappear when the display was reloaded.	Critical Fixes Rollup 2

EarthWorX

Ref ID	Description	First Available In
75650	EarthWorX pins with a clone dynamic could change size when zooming, becoming excessively large or excessively small. The effect depended on the zoom level where the pins were created. This has been resolved.	Critical Fixes Rollup 2

GraphWorX64

Ref ID	Description	First Available In
77199	Resolved an issue causing "valueof:" expressions could fail to resolve in rare cases. This had to do with the order data sources were processed, which could make the issue appear random. Making small changes to the display could change the data source order and cause this issue to appear or disappear.	New for Critical Fixes Rollup 3
78302	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.	New for Critical Fixes Rollup 3
78634	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.	New for Critical Fixes Rollup 3

ScheduleWorX64

Schedule Control

Ref ID	Description	First Available In
75924	Resolved an issue that could cause the "Override" and "Clear Override" buttons to be grayed out when logged into security, even if the user has the proper permissions.	Critical Fixes Rollup 2

TrendWorX64

TrendWorX64 Viewer

Ref ID	Description	First Available In
77202	When setting the font color and foreground color a pen range style to a global color, changes would not be saved if the global color chosen was currently set to black (#000000). This has been resolved. (Note, this was only a problem for the traditional ranges, not shared value axes.)	New for Critical Fixes Rollup 3
73176	Drag and drop was not working when the target was a TrendWorX64 Viewer. This has been resolved.	Critical Fixes Rollup 1

Hyper Historian

Hyper Reader

Ref ID	Description	First Available In
77210	Using the Hyper Reader with an AggregateType of Delta and a ProcessingInterval greater than 2147483 would fail. This has been resolved.	New for Critical Fixes Rollup 3

Logger

Ref ID	Description	First Available In
75312	Some large Hyper Historian systems could stop logging after applying Critical Fix Rollup 1. This was due to a file transaction timing out. This timeout has been removed in Critical Fix Rollup 2 by default. These timeout settings can be changed from their defaults by making a config file change. Users who want to reinstate the timeout or who cannot install Critical Fix Rollup 2 and would like to disable the timeout to resolve this issue should contact technical support for more information.	Critical Fixes Rollup 2
76423	Synchronization tasks were not allowed by licensing when using a Hyper Historian Standard license. This was incorrect and has been resolved.	Critical Fixes Rollup 2

MergeWorX

Ref ID	Description	First Available In
74433	The MergeWorX service could crash when using an empty data point column in the input CSV file or an empty output point in the MergeWorX tag. This has been resolved. This was documented as a known issue in 10.96 (reference ID 72454).	Critical Fixes Rollup 1

Workbench Provider

Ref ID	Description	First Available In
74485	Resolved a crash (System.InvalidOperationException) in Workbench that would occur when opening Historical Data > Hyper Historian > System Administration > Archiving Management.	Critical Fixes Rollup 1

IoTWorX & Internet of Things

Ref ID	Description	First Available In
73131	For subscriber connections, an item named "OPC UA PUBSUB" became available as the default decoder when "Enable compatibility with ICONICS clients" was disabled. Editing this decoder resulted in an exception. This decoder has now been marked read only.	Critical Fixes Rollup 1
74618	Resolved a deserialization vulnerability in the JSON encoder/decoder that could allow an attacker to execute arbitrary code on the server.	Critical Fixes Rollup 1

Workbench Provider

Ref ID	Description	First Available In
75362	Gateways in an IoT project may appear as offline even if the IoT Publisher module was online. This has been resolved.	Critical Fixes Rollup 2

KPIWorX

Ref ID	Description	First Available In
77374	Resolved an issue that could cause the trend viewer to shrink whenever the dashboard is loaded. Refreshing the browser page would reset the trend to its proper size.	New for Critical Fixes Rollup 3
77375	Resolved an issue preventing trend viewers in KPIWorX from showing data when unfrozen. This only happened on 10.96 systems with a Critical Fixes Rollup applied.	New for Critical Fixes Rollup 3
73206 73207	Resolved an issue causing emails sent from KPIWorX using the "share" functionality to be sent with no attachments.	Critical Fixes Rollup 1

MobileHMI & HTML5 WebHMI

HTML5, iOS, Android

Ref ID	Description	First Available In
77379	Using Alt-Tab to navigate away from an HTML5 page and back would prevent pick actions from working on the page. This has been resolved. Note, users may need to clear their browser's cache before this solution takes effect.	New for Critical Fixes Rollup 3
77730	The Back option has been added to the context menu of KPIWorX dashboards when they are loaded in the MobileHMI iOS or Android app. This resolves an issue when using the app version 10.96.001 where the back option is missing.	New for Critical Fixes Rollup 3
78636	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.	New for Critical Fixes Rollup 3
75651	When hosting a site through an application firewall or port rewriting engine with some configuration related to changing the authority part of the URL (scheme, host, or port), it is possible HTML5 pages would not load. This has been resolved.	Critical Fixes Rollup 2
72928	Resolved an issue that could cause HTML5 displays to randomly refresh.	Critical Fixes Rollup 1
74801	The first time a user connects with a new device to a MobileHMI or HTML5 server where web login is enabled, they may get redirected to a 404 file not found page. This has been resolved.	Critical Fixes Rollup 1

AlarmWorX64 Viewer

Ref ID	Description	First Available In
78211	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.	New for Critical Fixes Rollup 3
74079	HTML5 alarm viewers would not execute commands selected from the details view of list or flip views. This has been resolved.	Critical Fixes Rollup 2
72782	The HTML5 AlarmWorX64 Viewer's "Acknowledge Selected" context menu option would allow the user to bypass the acknowledge dialog even if the "Force Comment" or "Always show Ack Dialog" settings were enabled. This has been resolved - now the "Acknowledge Selected" context menu option will bring up the acknowledge dialog in these cases.	Critical Fixes Rollup 1
73111	The HTML5 AlarmWorX64 Viewer and GridWorX Viewers now respect the IsScrollAsynchronous advanced property of the grid object. The HTML5 viewers should now behave the same as the desktop (WPF) viewer with respect to scrolling. Users who want to see the scrolling as it was in the original 10.96 release should set IsScrollAsynchronous to false. Users who want to see scrolling as it was in version 10.95 should set IsScrollAsynchronous to true (default).	Critical Fixes Rollup 1

Camera Control

Ref ID	Description	First Available In
75439	The HTML5 camera control would not display any video when viewing the display on a remote machine. This has been resolved.	Critical Fixes Rollup 2

Data Explorer

Ref ID	Description	First Available In
74993	HTML5 displays were not using the style configuration file for data explorers. This has been resolved.	Critical Fixes Rollup 2

EarthWorX

Ref ID	Description	First Available In
73204	Resolved an issue that would sometimes cause pushpins using the clone dynamic to not be properly cloned.	Critical Fixes Rollup 1

Fault Viewer

Ref ID	Description	First Available In
76455	Resolved an issue in the row styling rules of table and fault viewer controls. The formatting from the styling rules could show briefly and then disappear or disappear when the display was reloaded.	Critical Fixes Rollup 2
73297	Resolved an intermittent issue that could cause the Fault Viewer or Table controls to appear blank the first time a page was loaded since the HTML5 engine was started on the server.	Critical Fixes Rollup 1

GraphWorX64

Ref ID	Description	First Available In
76970	Resolved an issue that could sometimes cause characters at the end of a line to be cut off in a multi-line label with text wrapping enabled.	New for Critical Fixes Rollup 3
77920	Resolved an issue where data entry process points in the iOS MobileHMI app would not bring up the keyboard.	New for Critical Fixes Rollup 3
74777	Using a clone dynamic inside a layer with ReleaseDataWhenHidden set to true could cause the HTML5 display to crash. This has been resolved.	Critical Fixes Rollup 2
75844	Resolved an issue causing Load Display pick actions with a TargetType of Root Window to open the file in a new browser tab instead of the root window.	Critical Fixes Rollup 2
75886	When loading a display and setting local aliases using another unresolved alias, the alias didn't resolve on the display when the alias value contained a double quotation mark ("). This has been resolved.	Critical Fixes Rollup 2
76312	Resolved issues with clone dynamics nested inside other clone dynamics in HTML5 displays. These issues would result in the clones retrieving incorrect values.	Critical Fixes Rollup 2
76313	Resolved a rare issue that can cause discrete dynamics (such as hide) to misbehave after resubscribing to their data points (such as when a layer with ReleaseDataWhenHidden was made visible).	Critical Fixes Rollup 2
76440	When using a radio button to set the visibility of an object, the radio button was toggling the visibility, rather than paying attention to the button state. This has been resolved.	Critical Fixes Rollup 2
76943	Pick actions with the InitialClick option set to true and an execution trigger set for the right or middle mouse buttons were not executing on the initial click. This has been resolved.	Critical Fixes Rollup 2
72678	Resolved an issue with HTML5 screens where an object with a background color of "none" placed over a pick action will block the pick action. This is inconsistent with the behavior of desktop (WPF) screens. This was listed as a known issue in 10.96 (reference ID 72678).	Critical Fixes Rollup 1
73096	Selecting or double-clicking a pick action no longer executes the drag and drop pick action. This is now consistent with the desktop (WPF) platform's treatment of drag and drop pick actions.	Critical Fixes Rollup 1
73100	Resolved an issue that could cause tooltips to fail to resolve. This usually occurred when the tooltip included a global alias that resolved to part of a tag name or a whole tag name.	Critical Fixes Rollup 1
73143	Resolved an issue preventing panning in zoomed displays.	Critical Fixes Rollup 1
74248 74771	Resolved issues with clone dynamics nested inside other clone dynamics in HTML5 displays. These issues would result in the clones retrieving incorrect values.	Critical Fixes Rollup 1

GridWorX Viewer

Ref ID	Description	First Available In
74970	Added HTML5 support for the GridWorX chart series commands that were a new desktop (WPF) feature in version 10.96.	Critical Fixes Rollup 2
75067	Executing a virtual field command from a filtered GridWorX Viewer could use the wrong values. Parameters from the row were being used from the unfiltered dataset. This has been resolved.	Critical Fixes Rollup 2
76504	Resolved an issue preventing HTML5 GridWorX charts from being targets for global commands.	Critical Fixes Rollup 2
73111	The HTML5 AlarmWorX64 Viewer and GridWorX Viewers now respect the IsScrollAsynchronous advanced property of the grid object. The HTML5 viewers should now behave the same as the desktop (WPF) viewer with respect to scrolling. Users who want to see the scrolling as it was in the original 10.96 release should set IsScrollAsynchronous to false. Users who want to see scrolling as it was in version 10.95 should set IsScrollAsynchronous to true (default).	Critical Fixes Rollup 1

Ref ID	Description	First Available In
74033	Improved the placement of labels on pie charts.	Critical Fixes Rollup 1
74254	Resolved an issue that would sometimes cause an HTML5 GridWorX Viewer to fail to load data.	Critical Fixes Rollup 1

Schedule Control

Ref ID	Description	First Available In
75925	Resolved an issue causing the override functionality of the Schedule Control to stop functioning when the General tab was configured to be hidden.	Critical Fixes Rollup 2

Table Control

Ref ID	Description	First Available In
76454	Resolved a crash (display reloads) when the user requested a second page of data in the table control. This crash was most likely to occur when the table was configured with alternate row styling using global colors.	Critical Fixes Rollup 2
73297	Resolved an intermittent issue that could cause the Fault Viewer or Table controls to appear blank the first time a page was loaded since the HTML5 engine was started on the server.	Critical Fixes Rollup 1

TrendWorX64 Viewer

Ref ID	Description	First Available In
77327	When adding or removing TrendWorX64 pens in runtime the HTML5 engine could crash (System.NullReferenceException), leading the display to refresh.	New for Critical Fixes Rollup 3
77328	Resolved an issue that could cause stacked plots to render incorrectly in HTML5 trend viewers when samples for the different pens had slightly different timestamps.	New for Critical Fixes Rollup 3
77416	The width of HTML5 TrendWorX64 Viewer bars in a bar plot is now limited to a minimum of 5 pixels with a minimum space of 1 pixel between samples. (Overlapping samples are not rendered.) This addresses an issue where bars were being rendered so small as to be hard to see.	New for Critical Fixes Rollup 3
74995	The style was not being applied to the default shared axis. This has been resolved.	Critical Fixes Rollup 2
75025	When a pen using a TimeShift was frozen, its details would not show the correctly shifted time. This has been resolved.	Critical Fixes Rollup 2
75096	Loading a configuration into a trend viewer would stop it from being able to be a target for commands. This has been resolved.	Critical Fixes Rollup 2

Windows 10 App (UWP)

AlarmWorX64 Viewer

Ref ID	Description	First Available In
75884	Resolved a leak and eventual crash that would occur when unloading a display with the AlarmWorX64 Viewer in list mode.	Critical Fixes Rollup 2

Platform Services

Commanding

Ref ID	Description	First Available In
76974	Resolved an issue causing the write value global command to not always execute properly when the operating system was configured with non-English region and language settings (specifically, when the period was not the decimal separator).	Critical Fixes Rollup 2

Expressions

Ref ID	Description	First Available In
75690	Resolved a rare issue in the expression engine that could cause expressions in GraphWorX64 to return an error (ErrUnknownVariable) in version 10.96 where the same expression worked in earlier versions. This would most often affect expression that included dynamic properties (text between double curly bracket delimiters) that was somehow incorrect (was misspelled, used an invalid alias, etc.).	Critical Fixes Rollup 2
76918	Expressions containing objects (such as brushes) were not being evaluated properly. The objects were evaluated as empty or null. These sorts of objects were most often used in expressions as part of smart property binding in smart symbols in GraphWorX64. This has been resolved.	Critical Fixes Rollup 2

FrameWorX

Ref ID	Description	First Available In
77660	Resolved a FrameWorX Server crash (System.InvalidCastException) that could occur when trying to request historical data from an OPC UA server real time tag.	New for Critical Fixes Rollup 3
77786	Resolved a rare FrameWorX Server crash that could occur when a client is closing a session.	New for Critical Fixes Rollup 3
78016	Resolved a rare issue that could cause FrameWorX to use excessive CPU and memory on a system.	New for Critical Fixes Rollup 3
78173	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.	New for Critical Fixes Rollup 3
75423	Resolved an issue that can cause excessive CPU and memory usage by the ICONICS FrameWorX service. This was most often seen on systems running redundant AlarmWorX64 Servers.	Critical Fixes Rollup 2
73332	Resolved an issue causing the "Redundant Point Managers" item to be missing from the MonitorWorX64 Viewer's Redundancy tab. This issue also caused FrameWorX Server to log this error to TraceWorX: "Error creating RedundancyProvider 'Ico.FwxServer.Redundancy.OutprocPMRedundancyProvider' from assembly 'FwxServerRedundancy'."	Critical Fixes Rollup 1
74206	Resolved a denial of service vulnerability in FrameWorX Server. Prior to this fix, an attacker could cause FrameWorX Server to crash.	Critical Fixes Rollup 1

GenBroker64

Ref ID	Description	First Available In
74209	Resolved a vulnerability in GenBroker64 that could lead to a crash (denial of service) or remote code execution.	Critical Fixes Rollup 1

Global Aliases

Workbench Provider

Ref ID	Description	First Available In
75879	Resolved an issue causing Workbench to hang when editing a global color configured to be a gradient.	Critical Fixes Rollup 2

Ref ID	Description	First Available In
76924	Spaces at the beginning or end of global color names can cause the color to not function. Because of this, spaces are no longer allowed at the beginning or end of global color names.	Critical Fixes Rollup 2

OPC UA

Ref ID	Description	First Available In
78158	Resolved an issue that could occur when more than one OPC UA write was executed in very quick succession (such as by having two "write value" pick actions on the same button in GraphWorX64). The issue was that only one of the writes would occur. Subsequent requests could be lost.	New for Critical Fixes Rollup 3

Security

Ref ID	Description	First Available In
77493	Corrected the "Allow/Deny login at this time" labels for policies. They now correctly denote that gray times are allowed and white are denied.	New for Critical Fixes Rollup 3
75470	When using ICONICS security linked with a SAML identity provider, certain browsers would show a blank page instead of redirecting to the SAML authentication page. This has been resolved.	Critical Fixes Rollup 2
76623	Resolved a rare "Received Redirect With Invalid State" error that could occur when web login is enabled for Azure Active Directory and the user attempted to log in using an ICONICS application (such as Workbench or GraphWorX64).	Critical Fixes Rollup 2
74451	Users were unable to view alarms in the AlarmWorX64 Viewer or Data Explorer when security was enabled in Active Directory mode, even if the user should have been granted the appropriate permissions. This has been resolved.	Critical Fixes Rollup 1

WebAPI

Ref ID	Description	First Available In
74746	Made an optimization to the WebAPI engine to avoid unnecessary resource usage when the same user was logged into multiple devices.	Critical Fixes Rollup 1

Workbench Provider

Ref ID	Description	First Available In
74749	Resolved an error that would occur when importing a WebAPI configuration containing intents. The error message was: "Cannot import item {\}. Error: Cannot insert the value NULL into column 'IntentKeyID', table 'test.dbo.WBP_Intents'; column does not allow nulls. UPDATE fails.The statement has been terminated."	Critical Fixes Rollup 1

Tools

Bulk Asset Configurator

Ref ID	Description	First Available In
77711	The Bulk Asset Configurator now masks the username and password of SQL accounts in connection strings.	New for Critical Fixes Rollup 3
78622	Resolved an exception (System.InvalidOperationException) that could occur in the Bulk Asset Configurator during the Hyper Historian tag creation if the Bulk Asset Configurator was trying to create SPC tags when SPC support was not included in the Hyper Historian configuration database.	New for Critical Fixes Rollup 3

Workbench

Ref ID	Description	First Available In
75626	When attempting to unpacking a project on a system that had Critical Rollup 1 installed, a "Cannot initialize the utility" error would appear. This has been resolved.	Critical Fixes Rollup 2
73219	Resolved an issue causing unencrypted database connection strings (which may contain passwords) to be logged into TraceWorX by the Workbench point manager.	Critical Fixes Rollup 1
73221	Resolved a "ParentKey not set correctly" error that would occur when attempting to apply changes to items under Platform Services > FrameWorX > Server Settings. This error would only occur with FrameWorX configurations that were upgraded from 10.95.5. Note that simply applying the critical fix rollup will not repair a FrameWorX configuration database. To completely resolve this issue the user must restore the FrameWorX configuration to a backup from before the upgrade and then upgrade it again after applying the critical fix rollup.	Critical Fixes Rollup 1
73331	Files in the Project Files provider were ignored while unpacking, having to be manually restored using the "Restore archive files" option in the Project Files provider. This has been resolved - Project Files selected in the unpack wizard are now properly restored.	Critical Fixes Rollup 1
74154	File extensions are now verified in Project Files before they are restored via Workbench or the Pack and Go unpack utility. This addresses a potential vulnerability that would allow attackers with access to the database or pack file to insert malicious files into the system and restore them to a machine.	Critical Fixes Rollup 1
74211	Resolved a deserialization vulnerability in Workbench that could allow an attacker to execute arbitrary code on the server.	Critical Fixes Rollup 1

Workbench Classic

Ref ID	Description	First Available In
77275	Resolved an error in the Connect Database Wizard of Workbench Classic/AlarmWorX64 Multimedia configurator when attempting to connect to a SQL Server. The error details were: "The formatter threw an exception while trying to deserialize the message..." This error only occurred on systems with Critical Fixes Rollup 1 or 2 installed.	New for Critical Fixes Rollup 3
74393	Resolved a deserialization vulnerability in Workbench Classic that could allow an attacker to execute arbitrary code on the server.	Critical Fixes Rollup 1

Known Issues & Limitations

Ref ID	Description
72819 72861	The CFSWorX dispatcher dashboard display is not currently supported in HTML5. It should be used in the desktop (WPF) GraphWorX64.
67774	Energy AnalytiX has been temporarily held out of the initial release of version 10.96 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.
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).
67844	BACnet connectivity for the 10.96 IoTWorX edge devices will be introduced in a future update. Note that users who require BACnet connectivity can continue to use the 10.95 version of the IoTWorX edge software, and that version 10.96 servers can communicate with and deploy to 10.95 edge devices. Please contact your local sales representative or email info@iconics.com with questions or feedback.
71557	For BACnet, having more than one port enabled on a single network interface is not currently supported.
72799	When using multiple global aliases in a data tag in GridWorX, the data might not be loaded correctly when the display is opened on the machine.
65318	In a redundant scenario with a single AlarmWorX64 Logger but two logging databases, store and forward files will not be loaded into the secondary logging database.
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.
75116	Changes to ATT credentials in ATT configuration objects do not take effect until the AlertWorX REST point manager is restarted. This can be done in Workbench via the "Point Manager" stoplight when an AlertWorX object is selected, or via the Services control panel by restarting ICONICS Alert REST Service (or the ICONICS FrameWorX Service, if the point manager is running in process - this is not common).
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.
64954	Sending IoT Analyzer fault incidents to FDDWorX via IoT Hub and MQTT broker is not currently supported. Fault incidents can be sent by Platform Services (FrameWorX) communication. This support is planned to be implemented in a future version.
72687	When deploying a new IoT Analyzer configuration to a device, the IoT Analyzer may not pick up the online changes. You need to restart the container.
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. 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.
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.

Ref ID	Description
	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.
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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