ICONICS 10.96.1

Resolved Issues | **ICONICS** Suite™

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Contents

Introduction to Resolved Issues for 10.96.1

This edition of the "Resolved Issues" describes many fixes made in version 10.96.1 since the previous release (10.96). For information on fixes made in earlier versions, see the appropriate "What's New" document for those versions.

For information on features and enhancements made in version 10.96.1, see the appropriate "What's New" document.

Note that if updates need to be made, the most up to date "What's New" and "Resolved Issues" documents can be found in our online documentation here:

Release Notes

"First Available In" Column

Some of these fixes were first made available in Critical Fixes Rollup Packs for 10.96. The "First Available In" column notes which rollup a fix 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
73944	Occasionally the AnalytiX-BI engine could have trouble determining the proper join between multiple tables when no explicit joins were provided. When this occurred, this error would be thrown: "Errors: Could not determine a JOIN path between all the tables involved in the query:..." This issue has been resolved.	New for 10.96.1
76909	The PIVOT operator would not calculate correctly when using the COUNT aggregate if there were no GROUP BY columns specified. This has been resolved.	New for 10.96.1
75472	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 Fix Rollup 2
75778	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 Fix Rollup 2
73269	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 Fix Rollup 1
74133	Resolved a rare issue causing the AnalytiX-BI server (FwxBiService.exe) to crash (System.InvalidOperationException).	Critical Fix Rollup 1
74294	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 Fix Rollup 1

Workbench Provider

Ref ID	Description	First Available In
67641	The column name validation in data flow steps has been enhanced to reduce the possibility of generating a column name with invalid characters.	New for 10.96.1
72862	Resolved an issue where some string functions, such as substring, left, and right, could give a validation error when used to create a calculated column in a data table.	New for 10.96.1
76879	Resolved an error that would occur when unpacking a pack-and-go file that included a BI Server configuration and was packed on a system that had a language pack applied.	New for 10.96.1
77617	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 10.96.1
75221	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 Fix Rollup 2
73306	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 Fix Rollup 1

BridgeWorX64 & Workflow

Common

Ref ID	Description	First Available In
74162	Blocks that consumed real-time data (such as Real Time Input blocks) could sometimes stop getting updated values and use stale data. This happened most often when there was a period of ten minutes or more between transaction runs. This has been resolved.	New for 10.96.1

Ref ID	Description	First Available In
75683	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 Fix Rollup 2

BridgeWorX64 Navigator

Ref ID	Description	First Available In
74924	The BridgeWorX64 Navigator now supports using global aliases in the Root Node Path property. Changes to the alias value will automatically refresh the navigator.	New for 10.96.1

BridgeWorX64 Server

Ref ID	Description	First Available In
74908	Renaming an activity used as the source of an array node in the Generic JSON Writer activity could cause the Generic JSON Writer activity to lose connection to that block. This has been resolved.	New for 10.96.1
77021	Resolved a crash that could occur while there were two subscriptions to the same alarm or fault server and the list of attributes for one of them was changed while the BridgeWorX64 server was running.	New for 10.96.1

BridgeWorX64 Viewer

Ref ID	Description	First Available In
72927	Items listed in the Reports or Transactions tab of a user or group in security previously required the "localhost" name to match reports or transactions being executed on the local server. For instance, to allow permission to a local report named MyReport, security expected this identifying name: "\\localhost\rwx:MyReport". Leaving off "\\localhost\" (example: "rwx:MyReport") would cause the report or transaction to not match, making it seem as if that line item in security was being ignored. Now, report or transaction names without a server name prefix will match with the local server. Note that using "localhost" as a server name will no longer match with local reports or transactions.	New for 10.96.1

CFSWorX

Ref ID	Description	First Available In
72819 72861	The CFSWorX dispatcher dashboard display is now supported in HTML5. (This was documented as a known issue for 10.96.)	New for 10.96.1
77014	Resolved a crash that could occur while there were two subscriptions to the same alarm or fault server and the list of attributes for one of them was changed while CFSWorX was running.	New for 10.96.1

Facility AnalytiX & FDDWorX

Ref ID	Description	First Available In
77543	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 10.96.1
77765	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 10.96.1
78159	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 10.96.1

Fault Viewer

Ref ID	Description	First Available In
72403	Resolved rendering issues with header items.	New for 10.96.1
77842	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 10.96.1

Workbench Provider

Ref ID	Description	First Available In
72733	Resolved an issue preventing faults from being imported when importing equipment classes that contained FDDWorX or Facility AnalytiX faults.	New for 10.96.1
76456	Previously, after renaming related values (AnalytiX > FDDWorX > Server Options > Attributes Mapping tab) equipment classes would not use the new names until the equipment class had been saved and reopened at least one time. This has been resolved.	New for 10.96.1

Quality AnalytiX

Ref ID	Description	First Available In
75858	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 Fix Rollup 2

ReportWorX64 & ReportWorX64 Express

Ref ID	Description	First Available In
73174	Resolved an error causing the @@Execute tag for reports to fail (show as "Bad - Configuration Error") if a forward slash (/) character was used in a parameter value.	New for 10.96.1
74766	The ReportWorX64 service no longer erroneously requires a write client (licensing).	New for 10.96.1

ReportWorX 365

Ref ID	Description	First Available In
47964	Resolved an issue preventing data from being updated after deleting one of the sheets in a report.	New for 10.96.1
56729	The data browser had incorrectly labeled BridgeWorX64 as "Workflow". This has been resolved.	New for 10.96.1

ReportWorX64 Express & Excel Add-In

Ref ID	Description	First Available In
72010	On a system with only the ReportWorX64 Express Excel Add-in (and no other ICONICS products), it was not possible to configure a Hyper Historian SPC tag. No form would be visible when selecting Configure Data Sources and then selecting an SPC tag. This has been resolved.	New for 10.96.1
72237	When a data source is wrapped with an Excel table, downloading data twice (without clearing the data in between) would remove the table. This has been resolved.	New for 10.96.1
73292	Opening an Excel sheet that includes a ReportWorX64 cell parameter created in version 10.95.x could result in a System.Runtime.InteropServices.COMException error. This has been resolved.	New for 10.96.1
74108	When performing a "save as" of an Excel sheet while the ReportWorX64 add-in was active, typing certain characters into the file name could cause strange behavior such as errors or opening dialogs (such as typing a "t" could open the "Create Table" dialog). In isolated cases, these behaviors could result in a crash. This has been resolved.	New for 10.96.1
74240	If both ReportWorX (32-bit) and ReportWorX64 are installed on the same system, the two add-ins could interfere with each other and cause unpredictable behavior. Now, if the ReportWorX (32-bit) add-in is detected, the ReportWorX64 add-in will be automatically disabled. If the user tries to enable it, they will be instructed to disable the ReportWorX (32-bit) add-in before the ReportWorX64 add-in can be enabled.	New for 10.96.1
74583	Date/time parameters with a date type of Special Day did not use the configured offset. This has been resolved.	New for 10.96.1

Ref ID	Description	First Available In
74873	Resolved an issue causing the ReportWorX64 Excel add-in to fail to get data from Hyper Historian tags that were not in a folder.	New for 10.96.1
75313	When opening a read-only file with the ReportWorX64 (or ReportWorX Express) add-in enabled the Excel ribbon remained grayed out, even after the user selected "Enable Editing" to edit the file. This has been resolved. (Users who cannot upgrade can work around this issue by closing and reopening the Excel file - see ICONICS knowledgebase article KB-3687.)	New for 10.96.1
77782	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 10.96.1
73142	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 Fix Rollup 1

ReportWorX64 Navigator

Ref ID	Description	First Available In
74923	The ReportWorX64 Navigator now supports using global aliases in the Root Node Path property. Changes to the alias value will automatically refresh the navigator.	New for 10.96.1

ReportWorX64 Viewer

Ref ID	Description	First Available In
72927	Items listed in the Reports or Transactions tab of a user or group in security previously required the "localhost" name to match reports or transactions being executed on the local server. For instance, to allow permission to a local report named MyReport, security expected this identifying name: "\\localhost\rwx:MyReport". Leaving off "\\localhost\" (example: "rwx:MyReport") would cause the report or transaction to not match, making it seem as if that line item in security was being ignored. Now, report or transaction names without a server name prefix will match with the local server. Note that using "localhost" as a server name will no longer match with local reports or transactions.	New for 10.96.1

Data Connectivity

BACnet

Ref ID	Description	First Available In
71557	For BACnet, having more than one port enabled on a single network interface is now supported. This was documented as a known limitation for 10.96.	New for 10.96.1
71685	Resolved an issue where properties for unknown objects could not be read if the device does not support ReadPropertyMultiple. Now properties are read using PropertyList if ReadPropertyMultiple is not supported or fails.	New for 10.96.1
71904	Resolved an issue that could cause high CPU consumption when multiple ports are enabled.	New for 10.96.1
72258	When the BACnet device reports the fault flag, the PresentValue point now reports bad quality and OPC_QUALITY_SENSOR_FAILURE.	New for 10.96.1
72508	Resolved an erroneous addListElements call before creating a BACnet calendar object.	New for 10.96.1
72882	Improved the performance of the BACnet point subscription process. Previously, there was an artificial hard limit on the number of points that could be subscribed to in parallel. This setting is now configurable, and the default value is unlimited. If you experience issues during startup when the BACnet point manager is subscribing to points, please contact tech support for instructions on how to configure this value.	New for 10.96.1
72895	Resolved an issue causing BACnet runtime to ignore the Max TSM per router setting.	New for 10.96.1
74272	Resolved an issue that would case the EDE Exporter tool's export to fail when there is a new line character in a device name or other property.	New for 10.96.1
74369	When a BACnet device contained a new line character in the device name or other property, BACnet runtime failed to load this device from cache file. This has been resolved.	New for 10.96.1
74741	Resolved an issue causing very slow data updates when BACnet trends are subscribed (most commonly in Hyper Historian).	New for 10.96.1
75843	The message property of a BACnet alarm was not being updated when an ack event notification was received. This has been resolved.	New for 10.96.1
76057	The displayValue property of a BACnet ACC (accumulator) object always returned zero and the unit instead of the actual presentValue and the unit. This has been resolved.	New for 10.96.1
76374	Resolved an issue with the EDE Exporter where extra quotation marks were being added when properties contained a comma.	New for 10.96.1
77166	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 Fixes Rollup 1 or 2 installed.	New for 10.96.1

GridWorX

GridWorX Server

Ref ID	Description	First Available In
74815	When a GridWorX data source tag with a parameter as part of the tag name (such as "db:Northwind.Customers<@param='1'>") was used as the dataset source of an AssetWorX equipment property, the @@Count and @@Refresh tags were not browsable under the .DatasetPoint tag. This has been resolved.	New for 10.96.1
74847	When a Web Services data source tag with a parameter as part of the tag name (such as "ws:Sample Web Services.National Weather Service.Current Conditions<@stationid=KBOS>") was used as the dataset source of an AssetWorX equipment property, certain tags such as @@StatusCode were not browsable under the .DatasetPoint tag. This has been resolved.	New for 10.96.1

GridWorX Viewer

Ref ID	Description	First Available In
72950	When using multiple global aliases in a data tag in GridWorX, the data might not have been loaded correctly when the display is opened on the machine. This issue has been resolved. This was documented as a known issue in 10.96 (reference ID 72799).	New for 10.96.1

Ref ID	Description	First Available In
72954	The runtime filter dialog now inherits its text size from the viewer font size. Previously it inhered the font size from the header font size. Now the header font size can be safely increased without compromising the readability of the filter dialog.	New for 10.96.1
75474	Any time the HTML5 GridWorX Viewer received an update for a real-time tag it was displaying it would force the grid to refresh, making it jump back to the top. If updates were coming in frequently enough, this could give the impression that the viewer was not being allowed to scroll down. This issue was also seen in the HTML5 Data Explorer control, especially with views that had a lot of real-time points, such as an asset with many real-time equipment properties. This issue has been resolved. Although the desktop (WPF) and Universal Windows Platform (UWP) GridWorX Viewers did not have the scroll issue, the implementation of this fix should improve the performance of the GridWorX Viewer and Data Explorer in these platforms when receiving data updates.	New for 10.96.1
75648	When configuring commands in the AlarmWorX64 or GridWorX Viewer, command fields that supplied a file browser, color browser, or asset browser button now also supply a tag browser button. This allows users to supply context variables for these fields by selecting the tag browser, going to the Expression tab, selecting Variables, then going to the Context Variables tab.	New for 10.96.1
75662	A GridWorX Viewer with ResolvedOpcTags set to true would occasionally duplicate rows when refreshing. This has been resolved. This issue affected and was fixed in all three platforms (desktop/WPF, HTML5, and Universal Windows Platform (UWP)).	New for 10.96.1
75812 75419 75813	When data source values were resolved as OPC tags, the resulting OPC tag values were not aware of the system's regional settings. This has been resolved.	New for 10.96.1
76377	The HTML5 server could crash (causing client displays to reload) when the AlarmWorX64 Viewer or GridWorX Viewer was unloaded. This issue was only observed in HTML5 clients, but the solution was applied to desktop (WPF) and Universal Windows Platform (UWP) platforms as well to ensure the behavior was consistent.	New for 10.96.1
75152	Commands in virtual fields of the GridWorX Viewer could not use parameters. This has been resolved.	Critical Fix Rollup 2
74475	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 Fix Rollup 1

Workbench Provider

Ref ID	Description	First Available In
75043	When auto-detecting the schema of a data source, auto-increment columns were not correct detected as read-only. This has been resolved.	New for 10.96.1
77214	Resolved an issue preventing users from choosing a parameter in an advanced query.	New for 10.96.1
77547	Resolved an issue where using the Autodetect Schema link in a data source did not cause the Apply button to enable.	New for 10.96.1
74793	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 Fix Rollup 1

Modbus Point Manager

Ref ID	Description	First Available In
74214	The Modbus point manager was incorrectly returning a good value when the device encountered exceptions 5, 6, 8, 10, or 11. This has been resolved.	New for 10.96.1

Workbench Provider

Ref ID	Description	First Available In
73092	Resolved this error, which would appear when attempting to browse Data Connectivity > Modbus > Address Space or Channels: *Cannot complete browse operation*	Critical Fix Rollup 1

Ref ID	Description	First Available In
	[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 10.96.1 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 10.96.1.	

SNMP

Ref ID	Description	First Available In
72995	Network discovery is now canceled when you close the form. If a device was being browsed and the operation was still pending, that will be canceled as well.	New for 10.96.1

Web Services

Ref ID	Description	First Available In
74839	If the value of a parameter for a REST method contains the @ character it was not possible to expand the method in the data browser. This has been resolved.	New for 10.96.1
74844	The @@Count tag could return incorrect results if the tag name was all lower case ("@@count" instead of "@@Count"). This has been resolved.	New for 10.96.1
75498	Resolved an issue preventing the user from choosing a return value (none would be available) when configuring a web method for certain web services.	New for 10.96.1
74851	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 Fix Rollup 2
75442	Executing SOAP methods that return an object with enum properties may return values in the wrong columns. This has been resolved.	Critical Fix Rollup 2

GENESIS64

AlarmWorX64

AlarmWorX64 Logger

Ref ID	Description	First Available In
65318	In a redundant scenario with a single AlarmWorX64 Logger but two logging databases, store and forward files would not be loaded into the secondary logging database. This has been resolved. This was documented as a known issue in 10.96.	New for 10.96.1
71263	Resolved a rare issue that could case data loss when the primary SQL Server was stopped.	New for 10.96.1
75681 75679	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 Fix Rollup 2
75856	Resolved an issue causing language aliases in the alarm message to not resolve the first time they are logged.	Critical Fix Rollup 2
73032	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 Fix Rollup 1

AlarmWorX64 Logger Workbench Provider

Ref ID	Description	First Available In
77815	Resolved an issue where filters created with the filter wizard used an incorrect syntax that would result in no alarms being logged.	New for 10.96.1
74911	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 Fix Rollup 2

AlarmWorX64 Server

Ref ID	Description	First Available In
69849	Resolved an issue that could cause the AlarmWorX64 Server TraceWorX files to grow beyond the configured file limit.	New for 10.96.1
72785	The [AWX\AWXServer] RunHot entry in IcoSetup64.ini is now functional again. Previously it was disabled (the servers would always "run hot" regardless of the IcoSetup64.ini contents) to avoid an issue where some alarms were not generated correctly when RunHot was disabled. That issue has been resolved, and RunHot may be safely disabled again. The RunHot entry defaults to 1 (enabled). In this state, both the active and standby redundant AlarmWorX64 Servers generate alarms internally. The active server's alarms will override the standby server's alarms. When RunHot is set to 0 (disabled), only the active server generates alarms. Note that when RunHot is disabled some extra attribute data may be unavailable.	New for 10.96.1
74217	The number of total alarms reported in the Windows Performance Monitor by the ICONICS AlarmWorX64 Server > Total Alarms Count counter would be incorrect after the alarm server configuration was changed during runtime. This has been resolved.	New for 10.96.1

AlarmWorX64 Viewer

Ref ID	Description	First Available In
74669	Resolved a memory leak in the AlarmWorX64 Viewer that would occur when loading the viewer configuration from a file.	New for 10.96.1
75479	When alarms are logged with the language aliases intact, the historical alarm viewer did not translate them when the viewer was first loaded. They would only be translated when the language was changed for the first time. This has been resolved.	New for 10.96.1

Ref ID	Description	First Available In
75648	When configuring commands in the AlarmWorX64 or GridWorX Viewer, command fields that supplied a file browser, color browser, or asset browser button now also supply a tag browser button. This allows users to supply context variables for these fields by selecting the tag browser, going to the Expression tab, selecting Variables, then going to the Context Variables tab.	New for 10.96.1
76377 76385 76379 76386 76380 76384	The HTML5 server could crash (causing client displays to reload) when the AlarmWorX64 Viewer or GridWorX Viewer was unloaded. This issue was only observed in HTML5 clients, but the solution was applied to desktop (WPF) and Universal Windows Platform (UWP) platforms as well to ensure the behavior was consistent.	New for 10.96.1
77295	Resolved a rare crash in the AlarmWorX64 Viewer.	New for 10.96.1
74689	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 Fix Rollup 2
73303	When row numbers are enabled (Grid > Appearance > Show Row Number), selecting a value in the row number column in runtime could cause a crash. This has been resolved.	Critical Fix Rollup 1
74475	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 Fix Rollup 1

AlarmWorX64 Multimedia

Ref ID	Description	First Available In
74358	The email agent ignored the BCC and CC fields if the user chose the SMTP mail agent during installation (the MMXMailNT.exe agent was registered). This has been resolved.	New for 10.96.1
76355	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 Fix Rollup 2

Workbench Provider

Ref ID	Description	First Available In
53189	The AlarmWorX64 MMX Configurator no longer allows the user to create two actions sets with the same name.	New for 10.96.1
77187	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 10.96.1
77756	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). 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.)	New for 10.96.1
76396	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 Fix Rollup 2

AlertWorX

Ref ID	Description	First Available In
75116	Resolved an issue causing changes to ATT credentials in ATT configuration objects to not take effect until the AlertWorX REST point manager was restarted. This was documented as a known limitation in 10.96.	New for 10.96.1
75162	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 Fix Rollup 2

AssetWorX

Ref ID	Description	First Available In
74984	The AssetWorX point manager now correctly uses the credentials configured in Platform Services Configuration on the Passwords tab when contacting remote servers.	New for 10.96.1
77041	When using the AssetWorX-Hyper Historian integration, exporting the configuration to Excel would create unusable XLSX files because it created worksheet names longer than the maximum allowed by Excel. This has been resolved.	New for 10.96.1
77910	When AssetWorX was subscribed to an OPC UA alarm server, certain alarms would not correctly reach alarm clients subscribed to AssetWorX. If the client directly subscribed to the OPC UA alarm server, the alarms would function. This has been resolved. This issue was related to a conversion between OPC UA alarms and FrameWorX communication, and could have had other effects on OPC UA alarms, but so far it has only been observed in AssetWorX.	New for 10.96.1
76635	Resolved an issue retrieving cached values when the cache data source database connection was configured to use a SQL user.	Critical Fix Rollup 2

Asset Navigator

Ref ID	Description	First Available In
72403	Resolved rendering issues with header items.	New for 10.96.1
72699	The brush configuration section now properly appears when adding a microchart column and setting the series type to "event bar".	New for 10.96.1
72700	The microchart editor window's default size has been enlarged for easier configuration.	New for 10.96.1
72869	Resolved an issue that would cause styling rules to stop working after the asset navigator was refreshed.	New for 10.96.1
74250	Resolved a crash in the Asset Navigator. This crash would occur when the navigator was configured with list mode enabled, favorites, and search configured to show display names.	New for 10.96.1
75029	If an asset navigator's tree view field was configured to be a global alias, then the SelectView command was executed, overriding that alias, the new tree view would not always be set. This has been resolved.	New for 10.96.1
76546	Resolved an issue with the AssetWorX navigator not correctly responding to changes in width (such as if it were placed in a split panel and configured with automatic width). This could cause command icons to expand outside the draw area and be inaccessible.	New for 10.96.1
74894	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 Fix Rollup 2
75098	When navigating away from a display with an Asset Navigator that contained microcharts, the container (usually GraphWorX64) would crash. This has been resolved.	Critical Fix Rollup 2

Workbench Provider

Ref ID	Description	First Available In
73232	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 Fix Rollup 1

Controls

Data Diagram

Ref ID	Description	First Available In
72770	Resolved a crash that could occur when deleting a pivot control containing a heatmap or data diagram.	New for 10.96.1

Heatmap

Ref ID	Description	First Available In
72770	Resolved a crash that could occur when deleting a pivot control containing a heatmap or data diagram.	New for 10.96.1

Table Control

Ref ID	Description	First Available In
72209	Resolved an issue that could cause a column to display no data in runtime. This issue could occur when a table or field was renamed in the GridWorX or table control configurations. It could also occur with certain database column names, such as those beginning with an underscore, even when all column and field definitions matched the actual database column name.	New for 10.96.1
72403	Resolved rendering issues with header items.	New for 10.96.1
72857	With a target of the fault viewer or table control, the Select Element command's Row parameter would select based on the number of visible rows instead of overall rows. This has been corrected.

Also resolved a crash that could occur when Select Element was called with a Row of 0 and there were no visible rows. | New for 10.96.1 |
75612	Previously, the table control was unable to display data with a type of native (void). This has been resolved.	New for 10.96.1
75693	The "auto refresh" option for the table control did not work for data sources of type "dataset". The table did not refresh, even when its data source sent an update. This has been resolved.	New for 10.96.1
75791	Changes made in the microchart settings window were applied even if the Cancel button was selected. This has been resolved - changes are now properly ignored if Cancel is selected.	New for 10.96.1
77842	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 10.96.1
72217	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 Fix Rollup 2
72605	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 Fix Rollup 2

EarthWorX

Ref ID	Description	First Available In
72414	Resolved a crash or freeze that could occur when rapidly zooming or unzooming an EarthWorX display.	New for 10.96.1
74905	Resolved a crash that would occur when a user selected "Change Esri Layers Visibility" and there were only basemap layers in the map.	New for 10.96.1
75795	EarthWorX will now add "/sharing/rest" to the end of the Esri connection address if a connection could not be established with the original address and it is a portal connection. This makes the connection process easier and resolves an issue where connecting to a portal with credentials would fail if credentials were not required.

In addition, when searching portal content users can now choose between searching for all content, including public maps, or only content belonging to the authenticated user. | New for 10.96.1 |
| 75698 | 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 Fix Rollup 2 |

GraphWorX64

Ref ID	Description	First Available In
41079	Using the "Add new script module" button in the script pane results in a script that does not have access to ThisWindow, ThisDocument and ThisConfiguration. This has been resolved.	New for 10.96.1
45513	Resolved various errors and crashes that could occur when importing XBIM and IFC files.	New for 10.96.1

Ref ID	Description	First Available In
72415	When a statefield items was being cloned, its clone properties (including InstanceNumberAliasName) could not be bound as smart properties within smart symbols. This has been resolved.	New for 10.96.1
72417	Resolved an issue that could cause global commands to fail to work if a property of the command were a dynamic tag and bound to a smart property of a smart symbol. This issue was most commonly seen with cloned popup menu items.	New for 10.96.1
74341	Resolved an issue where child windows with the TopMost property set to true would not always remain on top.	New for 10.96.1
77384	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 10.96.1

3D Viewport

Ref ID	Description	First Available In
71086	A 2D GraphWorX64 Viewer within a 3D viewport could not be hidden by setting its Visible property to False. This has been resolved.	New for 10.96.1

RecipeWorX

Ref ID	Description	First Available In
54412	Resolved an issue preventing the RecipeWorX engine from resolving global aliases in tag names. While this now works, note that using global aliases in tag names is not recommended when using remote clients. The client viewing the recipe (such as with the recipe grid) will see the aliases resolved in the context of the client, but when recipes are downloaded the tags will use the alias values as resolved in the context of the server, and these aliases may be different. This could cause a situation where the user thinks they are downloading values to one set of tags when they are really downloading to a different set. To avoid this situation, ICONICS recommends using the new (as of 10.96) server-side global aliasing syntax like this: <*alias*>. This new syntax guarantees that the aliases are always resolved in the context of the server, which means the client will always see the recipe the same way it will behave when downloaded. Note however that server-side global aliasing only uses the default theme or default value of the alias and cannot be changed in runtime.	New for 10.96.1

Recipe Navigator

Ref ID	Description	First Available In
70879	For performance reasons, it is highly recommended to limit holiday events to 31 days or less. Configuring a longer holiday is not prevented, but a warning message will now appear. Holidays with a duration longer than 31 days and set to recur are limited to 31 days in the preview. Non-recurring holidays can be previewed up to 366 days long.	New for 10.96.1
74922	The Recipe Navigator now supports using global aliases in the Root Node Path property. Changes to the alias value will automatically refresh the navigator.	New for 10.96.1

ScheduleWorX64

Ref ID	Description	First Available In
76351	Schedules configured with an Output Type of Data Tag would fail to load in schedule viewers. This has been resolved.	New for 10.96.1

Schedule Control

Ref ID	Description	First Available In
75421	In the BACnet Schedule View or BACnet Calendar View, when specifying an exception using the date picker, the day of the week field was not populated. This has been resolved.	New for 10.96.1

Ref ID	Description	First Available In
77772	When adding or editing a BACnet event, users can now choose "null" as the data type. This omission only affected the desktop (WPF) version of the schedule control. The HTML5 control already supported null data types.	New for 10.96.1
76444	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 Fix Rollup 2

TrendWorX64

TrendWorX64 Viewer

Ref ID	Description	First Available In
72557	Resolved an issue that could cause the y-axis labels to disappear when the data updates and auto-scaling is enabled.	New for 10.96.1
73939	Resolved a rendering issue with the calendar in the Time Navigation dialog of a frozen TrendWorX64 Viewer running inside Internet Explorer (WPF).	New for 10.96.1
75460	The Edit Trend Chart command could cause issues in the TrendWorX64 Viewer configuration that can lead to missing tabs in the TrendWorX64 Viewer configuration dialogs or even a crash (System.NullReferenceException) of GraphWorX64. This has been resolved - the Edit Trend Chart should no longer corrupt configurations - however if a TrendWorX64 Viewer configuration was saved in the corrupted state this fix will not repair it. Users will need to recreate any configurations corrupted by this issue.	New for 10.96.1
77850	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 10.96.1
73956	Drag and drop was not working when the target was a TrendWorX64 Viewer. This has been resolved.	Critical Fix Rollup 1

Hyper Historian

Hyper Reader

Ref ID	Description	First Available In
77334	Using the Hyper Reader with an AggregateType of Delta and a ProcessingInterval greater than 2147483 would fail. This has been resolved.	New for 10.96.1

Logger

Ref ID	Description	First Available In
72743	By default, Hyper Historian only uses up to 32 CPU cores on a system. Now it is possible to use more. To use more than 32 cores, edit the HHLoggerService.exe.config file and add this entry into the appSettings section: \<add key="UseLoggerAffinity" value="0"/> Save the file and restart the ICONICS Hyper Historian Logger service. This will cause Hyper Historian to ignore the ProcessAffinityMask entry in the IcoSetup64.ini file and use all available cores on a system, even beyond 32 cores.	New for 10.96.1
73162	Annotations added via the Hyper Historian SQL Query Engine would not be visible on a TrendWorX64 Viewer or SPC chart. This has been resolved.	New for 10.96.1
75061	Implemented a new method of file access to solve a system crashing issue introduced by certain versions of Windows in 2019. The new file access method should perform the same as in previous versions, but it avoids this area of Windows that can cause system crashes.	New for 10.96.1
75071	Resolved an issue in how Hyper Historian tags configured using AssetWorX were counted for licensing.	New for 10.96.1
76459	Synchronization tasks were not allowed by licensing when using a Hyper Historian Standard license. This was incorrect and has been resolved.	Critical Fix Rollup 2

MergeWorX

Ref ID	Description	First Available In
72454	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.	Critical Fix Rollup 1

SQL Query Engine

Ref ID	Description	First Available In
74902	When using the Hyper Historian SQL Query Engine to run queries in SQL Management Studio, SQL Server could crash (faulting module: ucrtbase.DLL). This most often happened when querying the same tag multiple times. This has been resolved.	New for 10.96.1

Workbench Provider

Ref ID	Description	First Available In
76457	Resolved a rare crash that could occur when analyzing calculated tags.	New for 10.96.1
74439	Resolved a crash (System.InvalidOperationException) in Workbench that would occur when opening Historical Data > Hyper Historian > System Administration > Archiving Management.	Critical Fix Rollup 1

IoTWorX & Internet of Things

Ref ID	Description	First Available In
71168 71148	Improved the handling of certificates. This should resolve an issue that caused the failure of MQTT connections that attempt to load a certificate, and an issue connecting to the IoT Hub from a publisher that uses certificate authentication.	New for 10.96.1
71566	Resolved an issue that could prevent messages from being displayed from an MQTT description if a client such as the GridWorX Viewer was still loading the MQTT tag when the message arrived.	New for 10.96.1
72571	Previously, when deploying a new certificate and key to the device, the IoT Visualizer was not using this new certificate on the next restart. This has been resolved.	New for 10.96.1
75273	The IoT Analyzer Point Manager returned bad status BadInvalidPointName when the IoT Publisher requested the dataset point "analyzer:CachedIncidentsDataset/AnalyzerGroupName". This has been resolved.	New for 10.96.1
73178	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 Fix Rollup 1
74620	Resolved a deserialization vulnerability in the JSON encoder/decoder that could allow an attacker to execute arbitrary code on the server.	Critical Fix Rollup 1

Workbench Provider

Ref ID	Description	First Available In
72759	During deployment, Workbench was not correctly reporting errors when the Azure edge agent encountered a problem (such as when the deployment configuration file had been corrupted). It would report that the device was connected and running even when an error would be reported in the Azure Portal. This has been resolved.	New for 10.96.1
74967	Resolved an issue preventing publishing data from GENESIS64 or ICONICS Suite systems with security enabled.	New for 10.96.1
75091	Publishing from an edge device to a local Mosquitto broker would fail when using "localhost" in the Server Address of the MQTT Broker Configuration. The IoT Publisher container was not correctly identifying the "localhost" broker. This has been resolved.	New for 10.96.1

KPIWorX

Ref ID	Description	First Available In
66558	Deleting a public favorite would fail (the favorite would remain) and could result in strange behavior in the tag browser. This has been resolved.	New for 10.96.1
70251	Resolved an issue that could cause the back "<" button to overlap with the current position text in the data browser.	New for 10.96.1
71101	Resolved an issue that could cause the watch configurator to become partially obscured when changing window size on smaller screens (such as when rotating a phone from portrait to landscape mode).	New for 10.96.1
72470	Improved the readability of some warning popup messages.	New for 10.96.1
72523	Users without permission to modify favorites could still appear to remove them, however the change was not permanent. The "removed" favorites would return after the dashboard's runtime mode was toggled. This has been resolved - users who cannot edit favorites are no longer presented with the option to remove them.	New for 10.96.1
72583	The KPIWorX data browser now better handles changes to the logged-in user's security settings relating to the browser. Previously changing the user's security settings could cause strange graphical inconsistencies until the page was reloaded.	New for 10.96.1
72761	KPIWorX now handles the issue more gracefully after failing to load a nonexistent dashboard (such as when an incorrect link was provided in the Behavior > Target property). Previously graphical problems could occur after encountering a problem loading or saving a dashboard.	New for 10.96.1
72765	Resolved an issue causing the component library search to report the wrong number of items found.	New for 10.96.1
72790	The trend viewer widget was not storing the Frozen, Sampling, or Period settings in the Data section. This has been resolved.	New for 10.96.1
73209	Resolved an issue that could cause the "more" button in the top right corner of some widgets to not be shown when there was a title. (Note, it is the intended behavior that this button is not visible when there is no title. The options are still available in the widget's context menu.)	New for 10.96.1
74106	When saving a dashboard, some trend periods were not properly saved. This has been resolved.	New for 10.96.1
74307	Dashboards contained multiple dimensions of drill-down content (for example, two charts configured with different datetime columns as the X axis) could not be loaded. Saving and reloading such a dashboard would result in a blank dashboard. This has been resolved - these dashboards can now be loaded properly.	New for 10.96.1
75726	Resolved an issue that could prevent adding filters on columns coming from AnalytiX-BI dimension data.	New for 10.96.1
76846	Resolved a parsing issue of DateTime columns when drilling down to a level of seconds that could cause some DateTime values to load as "(null)".	New for 10.96.1
77265	The KPIWorX data browser now sorts consistently with the standard ICONICS Suite data browser.	New for 10.96.1
77501	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 10.96.1
77550	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 10.96.1
74263 74265	Resolved an issue causing emails sent from KPIWorX using the "share" functionality to be sent with no attachments.	Critical Fix Rollup 1

MobileHMI & HTML5 WebHMI

App Hub

Ref ID	Description	First Available In
54839	Previously, when using a display layout (a layout with only one group and only one tile, which should execute that tile's command automatically) the app hub may have briefly shown the single tile before executing its command. Now the tile's command is executed immediately before the tile is rendered. This provides a more seamless experience when using a display layout to designate a graphic as the home page.	New for 10.96.1

HTML5, iOS, Android

Ref ID	Description	First Available In
61301	Resolved an issue in various controls causing the hover style to override the selection style when there were multiple rows selected. This is now consistent with the behavior when only one row is selected. This applies to any control that uses a grid element, including the table control, asset navigator, GridWorX Viewer, AlarmWorX64 Viewer, and more.	New for 10.96.1
72730 75243 75244	Resolved several issues related to the Alt key modifier and mouse wheel handling (with or without the Shift key). This could cause issues such as the zoom box not functioning in EarthWorX or embedded displays or panning and scrolling not moving smoothly with embedded displays.	New for 10.96.1
77476	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 10.96.1
77634	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 10.96.1
75700	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 Fix Rollup 2
73228	Resolved an issue that could cause HTML5 displays to randomly refresh.	Critical Fix Rollup 1
74832	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 Fix Rollup 1

AlarmWorX64 Viewer

Ref ID	Description	First Available In
70961	Resolved several issues with the column filter dialog for date time columns: Dates in the filter would sometimes be cut off. Clicking on the AM/PM button would not visibly change the AM/PM setting. After selecting the filter and clicking away, the filter settings would not be saved.	New for 10.96.1
71077	Resolved an issue preventing the legend for AlarmWorX64 Viewer charts from appearing.	New for 10.96.1
71594	Resolved an issue that could cause scroll bars to be unable to move vertically when inside a viewbox. This issue affected any table-based control, including the GridWorX Viewer, AlarmWorX64 Viewer, Table control, Fault Viewer, and the legend in the TrendWorX64 Viewer.	New for 10.96.1
72127	The date/time picker in a column header filter did not properly respect the operating system culture. This has been resolved.	New for 10.96.1
72803	AlarmWorX64 or GridWorX Viewers could lose rows when the size of the viewer was changed in runtime, such as when using a splitter. This has been resolved.	New for 10.96.1
73144	Critical alarms, as defined in the security configuration, did not prompt the user to log in again when being acknowledged in the HTML5 AlarmWorX64 Viewer. This has been resolved.	New for 10.96.1
74170	In list view, if text exceeds the column width it will interfere with the next column on the same line, pushing it to the side or only partially displaying it. This has been resolved.	New for 10.96.1
74674	Resolved an issue preventing dynamic content (such as tags or aliases) from being resolved inside command properties in batch commands.	New for 10.96.1
75034	Exporting alarms from an HTML5 AlarmWorX64 Viewer would not respect sorting applied in runtime by selecting the headers. This has been resolved.	New for 10.96.1

Ref ID	Description	First Available In
75050	Resolved an issue causing the column headers to not match the column data when performing an export.	New for 10.96.1
76377	The HTML5 server could crash (causing client displays to reload) when the AlarmWorX64 Viewer or GridWorX Viewer was unloaded. This issue was only observed in HTML5 clients, but the solution was applied to desktop (WPF) and Universal Windows Platform (UWP) platforms as well to ensure the behavior was consistent.	New for 10.96.1
74270	HTML5 alarm viewers would not execute commands selected from the details view of list or flip views. This has been resolved.	Critical Fix Rollup 2
73962	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 Fix Rollup 1
74259	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 Fix Rollup 1

Asset Navigator

Ref ID	Description	First Available In
63800	It was not possible to select favorite assets on a touch device. This has been resolved.	New for 10.96.1
71355	Columns that are rendered outside the default view (so they were visible only after scrolling) could not be resized. This has been resolved.	New for 10.96.1
72472	A user's default asset (as defined in the security server) is now highlighted in the HTML5 asset navigator when the display is opened.	New for 10.96.1
72856	The HTML5 asset navigator would always show tooltips, regardless of the "ShowTooltips" option. This has been resolved.	New for 10.96.1
74048	Occasionally the asset navigator would not correctly respond to the first selection. The asset would either not be selected or would be selected but the default command would not be triggered. This has been resolved.	New for 10.96.1
74954	When the asset column was reduced in size so that it should not have been visible, the asset icon was still drawn. This has been resolved.	New for 10.96.1
75014	Resolved an issue causing the search in the HTML5 asset navigator to log an exception in TraceWorX for every row in the result.	New for 10.96.1
75271	Resolved an issue where no pens would be added when dragging a Select Asset command with an empty asset name from the asset navigator onto a TrendWorX64 Viewer in HTML5 displays.	New for 10.96.1

BridgeWorX64 Viewer

Ref ID	Description	First Available In
75638	When set to "executor" view mode, the BridgeWorX64 and ReportWorX64 Viewer controls did not respect the foreground color. The foreground (text) color was always black. This has been resolved.	New for 10.96.1

Data Explorer

Ref ID	Description	First Available In
75474	Any time the HTML5 GridWorX Viewer received an update for a real-time tag it was displaying it would force the grid to refresh, making it jump back to the top. If updates were coming in frequently enough, this could give the impression that the viewer was not being allowed to scroll down. This issue was also seen in the HTML5 Data Explorer control, especially with views that had a lot of real-time points, such as an asset with many real-time equipment properties. This issue has been resolved. Although the desktop (WPF) and Universal Windows Platform (UWP) GridWorX Viewers did not have the scroll issue, the implementation of this fix should improve the performance of the GridWorX Viewer and Data Explorer in these platforms when receiving data updates.	New for 10.96.1

Ref ID	Description	First Available In
75696	HTML5 displays were not using the style configuration file for data explorers. This has been resolved.	Critical Fix Rollup 2

EarthWorX

Ref ID	Description	First Available In
71600	Resolved an issue with shapes used on EarthWorX displays that could cause the shapes to not render. This would happen when – due to the extreme zooming levels that can happen with EarthWorX – the line width was extremely small and would be rounded to zero. These extremely small line widths are now properly rendered. In theory, this issue could happen with non-EarthWorX displays, but line widths this small are unlikely to be used in non-EarthWorX displays.	New for 10.96.1
73984	Resolved an issue that would sometimes cause pushpins using the clone dynamic to not be properly cloned. This was solved for HTML5 displays in Critical Fix Rollup 1 (reference ID 74261) but not for desktop (WPF) displays until 10.96.1.	New for 10.96.1
74261	Resolved an issue that would sometimes cause pushpins using the clone dynamic to not be properly cloned.	Critical Fix Rollup 1

Fault Viewer

Ref ID	Description	First Available In
71355	Columns that are rendered outside the default view (so they were visible only after scrolling) could not be resized. This has been resolved.	New for 10.96.1
71594	Resolved an issue that could cause scroll bars to be unable to move vertically when inside a viewbox. This issue affected any table-based control, including the GridWorX Viewer, AlarmWorX64 Viewer, Table control, Fault Viewer, and the legend in the TrendWorX64 Viewer.	New for 10.96.1
72408 72420 72919 72921	Resolved rendering issues with gridlines and borders.	New for 10.96.1
72605	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 Fix Rollup 2
74004	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 Fix Rollup 1

GraphWorX64

Ref ID	Description	First Available In
60159	Process points configured with DataEntry set to true and Update set to false would not get an initial value in HTML5 displays. This has been resolved.	New for 10.96.1
62533	Popup menu items with a pick mode of check button did not show the check mark in HTML5 screens. This has been resolved.	New for 10.96.1
63374	Resolved an issue that could cause the incorrect alignment of text in the Firefox browser. Centered labels would appear to have more space on one side than the other.	New for 10.96.1
63636	Resolved an "Object reference not set to an instance of an object" error that could occur when the display contains a pivot control with no children. (This is not a common configuration.)	New for 10.96.1
63695	In smart symbols, smart properties whose name contained an underscore would not resolve in HTML5 displays. This has been resolved.	New for 10.96.1
66027	Resolved an issue setting local aliases in HTML5 displays when the alias value contained a comma.	New for 10.96.1
66118	Resolved an issue causing the location dynamic to not function (object did not move) when using a certain type of path. The most common way to encounter this issue was to copy a path from a pipe control to the location dynamic.	New for 10.96.1
66319	Resolve an HTML5 engine crash (System.NullReferenceException, displays reload) when loading a display with an embedded screen where the parent and embedded display both use the same gradient.	New for 10.96.1

Ref ID	Description	First Available In
71196	Resolved an issue that could occur when an object had both ExecuteOnMouseLeave and ExecuteOnUp pick action triggers (either in the same pick action or two separate pick actions). One of the pick actions would fail to execute.	New for 10.96.1
72355	Localsim property paths including an embedded viewer name did not function in HTML5 displays. This has been resolved.	New for 10.96.1
72653 63965	Resolved an issue causing the "PressedWhen" functionality of pick actions to not work in HTML5 displays.	New for 10.96.1
72663	Improved the HTML5 parser to be more tolerant for unexpected XML attributes in the display file. Previously unexpected XML attributes could cause the displays to completely fail to load. Now, displays will load but the unexpected XML attributes will be ignored.	New for 10.96.1
74335 74336	When an embedded GraphWorX64 Viewer attempted to load a nonexistent display from a remote URL the viewer would stop working and be unable to load any further displays (even properly configured ones) until the browser page was reloaded. This has been resolved.	New for 10.96.1
74483	Using the Set Object Visibility command on an object that was already hidden using a hide dynamic could cause the object to unintentionally show. This has been resolved. (Note, this issue could cause an issue on the System Health Monitor screen, GwxSystemHealth.gdfx, where the Health Monitor service was reported as not running even when it was running.)	New for 10.96.1
74495	If a location dynamic is applied to a skewed object the location dynamic did not operate correctly. It could appear to operate like a size dynamic. This has been resolved.	New for 10.96.1
74834	Drag and drop actions now respect the Target property for filtering drop targets.	New for 10.96.1
74862	Resolved an issue preventing the display of certain states in a state selector when using a duration.	New for 10.96.1
75056	Dynamics that included a low and high limit (such as size or location) would display as disabled objects when datetime values were used for the limits and the data source. This has been resolved.	New for 10.96.1
75122	Process points configured for data entry and having one or more pick actions could not trigger the pick actions if the data source tag was set to be read only. This has been resolved.	New for 10.96.1
75529	Transparent background colors for data entry fields would not be properly applied when the user edited the value. The background while editing would be white instead of transparent, which could make it difficult to see the value being entered if the foreground color was a light color. This has been resolved – the background now correctly stays transparent while the field is activated for editing.	New for 10.96.1
75712	Content inside of a scroll panel could be cut off or rendered incorrectly when one of the panel's scroll bars was set to disabled. This has been resolved.	New for 10.96.1
76344	Resolved an issue with smart symbols that contained pick actions. The pick actions would sometimes not function correctly. This happened when the pick action had a data points bound to an expression that resulted in a tag name. That resulting tag name would not be resolved in runtime, which would lead to the pick action not functioning as expected.	New for 10.96.1
76826	Resolved a page reload (NullReferenceException crash in the server) that could occur when a data source became bad quality if that data source was used in a cloned popup menu item and on a layer with ReleaseWhenHidden set to true.	New for 10.96.1
77069	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 10.96.1
77537	Resolved an incorrect application of the clone alias value when an object has multiple clone dynamics (such as a cloned panel nested in another cloned panel) and both clone aliases are used in the object's children. This would result in strange behavior of the cloned objects, inconsistent with the behavior of the desktop (WPF) version of the display.	New for 10.96.1
77540	Resolved an issue with popup menu items that have both a clone and a hide dynamic. The hide dynamics were not always being initialized, leading to all items being visible even when they should have been hidden by the dynamic.	New for 10.96.1
78119	Resolved an issue where data entry process points in the iOS MobileHMI app would not bring up the keyboard.	New for 10.96.1
73159	Resolved issues with clone dynamics nested inside other clone dynamics in HTML5 displays. These issues would result in the clones retrieving incorrect values.	Critical Fix Rollup 2
74298	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 Fix Rollup 2
75819	Using a clone dynamic inside a layer with ReleaseDataWhenHidden set to true could cause the HTML5 display to crash. This has been resolved.	Critical Fix Rollup 2

Ref ID	Description	First Available In
76049	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 Fix Rollup 2
76441	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 Fix Rollup 2
76479	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 Fix Rollup 2
77003	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 Fix Rollup 2
73230	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 Fix Rollup 1
73234	Resolved an issue preventing panning in zoomed displays.	Critical Fix Rollup 1
73964	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 Fix Rollup 1
74258	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 Fix Rollup 1
74321 74957	Resolved issues with clone dynamics nested inside other clone dynamics in HTML5 displays. These issues would result in the clones retrieving incorrect values.	Critical Fix Rollup 1

GridWorX Viewer

Ref ID	Description	First Available In
70841	Resolved an issue that could cause the first label of the X-axis to be cut off in a GridWorX chart.	New for 10.96.1
71594	Resolved an issue that could cause scroll bars to be unable to move vertically when inside a viewbox. This issue affected any table-based control, including the GridWorX Viewer, AlarmWorX64 Viewer, Table control, Fault Viewer, and the legend in the TrendWorX64 Viewer.	New for 10.96.1
72803	AlarmWorX64 or GridWorX Viewers could lose rows when the size of the viewer was changed in runtime, such as when using a splitter. This has been resolved.	New for 10.96.1
72812	Selecting a specific entry in the filter of a date/time column would result in no entries shown. This has been resolved.	New for 10.96.1
72813	Filtering on empty values would not work (the whole list would be shown). This has been resolved.	New for 10.96.1
74415	Conditions applied to a specific column would not function in HTML5 displays. This has been resolved.	New for 10.96.1
74416	Resolved an issue preventing Unicode character from custom fonts from being displayed in tooltips.	New for 10.96.1
74417	Editing a date value in a GridWorX Viewer would always use dd/MM/yyyy format, regardless of the date format settings of the viewer. This has been resolved.	New for 10.96.1
75003	When using a status indicator configured on a column with resolved OPC tags the value would always be shown regardless of the "Show Value" checkbox in the indicator configuration. This has been resolved.	New for 10.96.1
75474	Any time the HTML5 GridWorX Viewer received an update for a real-time tag it was displaying it would force the grid to refresh, making it jump back to the top. If updates were coming in frequently enough, this could give the impression that the viewer was not being allowed to scroll down. This issue was also seen in the HTML5 Data Explorer control, especially with views that had a lot of real-time points, such as an asset with many real-time equipment properties. This issue has been resolved. Although the desktop (WPF) and Universal Windows Platform (UWP) GridWorX Viewers did not have the scroll issue, the implementation of this fix should improve the performance of the GridWorX Viewer and Data Explorer in these platforms when receiving data updates.	New for 10.96.1
75812	When data source values were resolved as OPC tags, the resulting OPC tag values were not aware of the system's regional settings. This has been resolved.	New for 10.96.1

Ref ID	Description	First Available In
76377	The HTML5 server could crash (causing client displays to reload) when the AlarmWorX64 Viewer or GridWorX Viewer was unloaded. This issue was only observed in HTML5 clients, but the solution was applied to desktop (WPF) and Universal Windows Platform (UWP) platforms as well to ensure the behavior was consistent.	New for 10.96.1
77483	HTML5 cursor format is now consistent with the format in the desktop (WPF) GridWorX Viewer. The X-axis format is now used in the cursor text, and changes to the CursorFormat field now take effect.	New for 10.96.1
77877	When global colors were used in GridWorX charts, changing the global color theme would not always properly change the colors in the charts. This most often occurred when the chart was loaded in an embedded display and the display had been reloaded via a command. This has been resolved.	New for 10.96.1
78203	Resolved a crash of the HTML5 engine (pages reload) that could occur when the GridWorX Viewer was configured with EnableOpcTags set to true. The crash seemed to happen more often when there were more OPC unique tags in use and they were updating quickly.	New for 10.96.1
75297	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 Fix Rollup 2
76560	Resolved an issue preventing HTML5 GridWorX charts from being targets for global commands.	Critical Fix Rollup 2
74253	Resolved an issue that would sometimes cause an HTML5 GridWorX Viewer to fail to load data.	Critical Fix Rollup 1
74259	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 Fix Rollup 1
74268	Improved the placement of labels on pie charts.	Critical Fix Rollup 1

ReportWorX64 Viewer

Ref ID	Description	First Available In
75638	When set to "executor" view mode, the BridgeWorX64 and ReportWorX64 Viewer controls did not respect the foreground color. The foreground (text) color was always black. This has been resolved.	New for 10.96.1

Schedule Control

Ref ID	Description	First Available In
76098	Resolved an issue causing overrides to fail when the General tab was hidden.	Critical Fix Rollup 2

Security Indicator

Ref ID	Description	First Available In
69691	Resolved an issue that could sometimes case the context menu of the security indicator control to appear in the wrong location.	New for 10.96.1

Table Control

Ref ID	Description	First Available In
71355	Columns that are rendered outside the default view (so they were visible only after scrolling) could not be resized. This has been resolved.	New for 10.96.1
71594	Resolved an issue that could cause scroll bars to be unable to move vertically when inside a viewbox. This issue affected any table-based control, including the GridWorX Viewer, AlarmWorX64 Viewer, Table control, Fault Viewer, and the legend in the TrendWorX64 Viewer.	New for 10.96.1
72408	Resolved rendering issues with gridlines and borders.	New for 10.96.1
73447	Some TrendWorX64 Viewer dialogs were not properly treated as modal when running in Internet Explorer (WPF). This has been resolved.	New for 10.96.1
76829	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 Fix Rollup 2

Ref ID	Description	First Available In
74004	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 Fix Rollup 1

TrendWorX64 Viewer

Ref ID	Description	First Available In
71594	Resolved an issue that could cause scroll bars to be unable to move vertically when inside a viewbox. This issue affected any table-based control, including the GridWorX Viewer, AlarmWorX64 Viewer, Table control, Fault Viewer, and the legend in the TrendWorX64 Viewer.	New for 10.96.1
73283	When adding or removing TrendWorX64 pens in runtime the HTML5 engine could crash (System.NullReferenceException), leading the display to refresh.	New for 10.96.1
73967	A TrendWorX64 Viewer receiving range updates via the "Read Range" tag would not update the X axis. The data itself would reflect the correct range, but the labels on the X axis would not. This has been resolved.	New for 10.96.1
74035	When the TrendWorX64 Viewer was placed in a container with automatic height the plot area would shrink vertically rather than filling the space. This has been resolved.	New for 10.96.1
75057	Resolved an issue that would prevent the HTML5 TrendWorX64 Viewer from using dynamic values (like tags) in the Time Shift field of a pen.	New for 10.96.1
75224	When the legend header is hidden, the color square for each pen will be displayed cut off. This has been resolved.	New for 10.96.1
75226	When an HTML5 TrendWorX64 Viewer was contained in a scroll viewer, sample click events were not always being correctly detected. This has been resolved.	New for 10.96.1
75381	Resolved an issue preventing global colors from working in the legend's color marker.	New for 10.96.1
75418	The Edit Trend Chart command's SamplingInterval property was not being applied if the target TrendWorX64 Viewer was in freeze mode. This has been resolved.	New for 10.96.1
75720	The HTML5 TrendWorX64 Viewer now correctly resolves language aliases when exporting data.	New for 10.96.1
75907	Resolved an issue causing the ChartTickInterval property to not be properly applied in an Edit Trend Chart command.	New for 10.96.1
76347	Resolved a rare crash of the HTML5 server (causing displays to reload) that could occur when loading a TrendWorX64 Viewer configuration.	New for 10.96.1
76419	Resolved an issue that could sometimes cause the loading icon to show even when data was fully loaded.	New for 10.96.1
76428	When loading a TWXX file to an HTML5 TrendWorX64 Viewer, certain properties were not set correctly. These included background, foreground, border, thickness, opacity, padding, and margin. This has been resolved.	New for 10.96.1
77062	Resolved an issue where values with a comma (such as 1,000) were breaking the formatting of CSV files exported from the HTML5 TrendWorX64 Viewer.	New for 10.96.1
77936	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 10.96.1
78166	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 10.96.1
75231	When a pen using a TimeShift was frozen, its details would not show the correctly shifted time. This has been resolved.	Critical Fix Rollup 2
75234	Loading a configuration into a trend viewer would stop it from being able to be a target for commands. This has been resolved.	Critical Fix Rollup 2
75910	The style was not being applied to the default shared axis. This has been resolved.	Critical Fix Rollup 2

Windows 10 App (UWP)

AlarmWorX64 Viewer

Ref ID	Description	First Available In
76377	The HTML5 server could crash (causing client displays to reload) when the AlarmWorX64 Viewer or GridWorX Viewer was unloaded. This issue was only observed in HTML5 clients, but the solution was applied to desktop (WPF) and Universal Windows Platform (UWP) platforms as well to ensure the behavior was consistent.	New for 10.96.1

Ref ID	Description	First Available In
76091	Resolved a leak and eventual crash that would occur when unloading a display with the AlarmWorX64 Viewer in list mode.	Critical Fix Rollup 2

Asset Navigator

Ref ID	Description	First Available In
71272	Resolved an issue preventing the Row Clicked event from firing in the Universal Windows Platform (UWP) app.	New for 10.96.1

GridWorX Viewer

Ref ID	Description	First Available In
75812	When data source values were resolved as OPC tags, the resulting OPC tag values were not aware of the system's regional settings. This has been resolved.	New for 10.96.1
76377	The HTML5 server could crash (causing client displays to reload) when the AlarmWorX64 Viewer or GridWorX Viewer was unloaded. This issue was only observed in HTML5 clients, but the solution was applied to desktop (WPF) and Universal Windows Platform (UWP) platforms as well to ensure the behavior was consistent.	New for 10.96.1

Platform Services

Commanding

Ref ID	Description	First Available In
69515	In the command editor, the PointName field of the Create Pen command now supports syntax checking of dynamic content (i.e. the marker on the right will change color to indicate if the input is dynamic content and correctly formatted).	New for 10.96.1
70572	When browsing from the Point Name field of a Create Pen command as part of a batch command or in the configuration of some controls, users were only able to browse data points and not other input types such as global aliases and simulation points. This has been resolved.	New for 10.96.1
70609	The Add Favorite command now includes a separate alias browser in addition to the standard tag browser for the ItemName field. Choosing an alias from this browser will choose the literal alias, not wrapping it in double curly brackets. The standard tag browser will wrap the alias name in double curly brackets (meaning it will be resolved, and the value will be used as the item name).	New for 10.96.1
76978	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 Fix Rollup 2

Data Browser

Ref ID	Description	First Available In
75190	Resolved a memory leak when closing the data browser.	New for 10.96.1

Expressions

Ref ID	Description	First Available In
75702	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 Fix Rollup 2
76988	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 Fix Rollup 2

FrameWorX

Ref ID	Description	First Available In
72693	Resolved an issue causing the operating system version tags under Diagnostics > Control and Diagnostics > Environment to display the incorrect version on Windows 10 systems.	New for 10.96.1
72735	Resolved an issue that could cause the performance counter for system uptime (hms:Counter/SystemUptime) to sometimes return 0 or bad quality.	New for 10.96.1
76506	Resolved a FrameWorX crash (System.InvalidCastException).	New for 10.96.1
77914	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 10.96.1
78176	Resolved a rare issue that could cause FrameWorX to use excessive CPU and memory on a system.	New for 10.96.1
76397	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 Fix Rollup 2
73146	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 Fix Rollup 1

Ref ID	Description	First Available In
74278	Resolved a denial of service vulnerability in FrameWorX Server. Prior to this fix, an attacker could cause FrameWorX Server to crash.	Critical Fix Rollup 1

GenBroker64

Ref ID	Description	First Available In
74300	Resolved a vulnerability in GenBroker64 that could lead to a crash (denial of service) or remote code execution.	Critical Fix Rollup 1

Global Aliases

Workbench Provider

Ref ID	Description	First Available In
75882	Resolved an issue causing Workbench to hang when editing a global color configured to be a gradient.	Critical Fix Rollup 2
76957	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 Fix Rollup 2

Language Aliasing

Ref ID	Description	First Available In
74767	The MonitorWorX Viewer no longer erroneously requires a write client (licensing).	New for 10.96.1

Licensing

Ref ID	Description	First Available In
73282	When using a permanent license, the license expiration date in the health monitor and the $info:Overview.ExpirationDate monitor tag would show a date in the past. This has been resolved - now, the maximum allowed time value is shown (year of 9999) to indicate no expiration date.	New for 10.96.1

OPC UA

Ref ID	Description	First Available In
73307	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 10.96.1
77833	Resolved a rare FrameWorX Server crash that could occur when a client is closing a session.	New for 10.96.1

Project Reporting

Ref ID	Description	First Available In
75175	Changes made via the Bulk Asset Configurator are now written to the standard Workbench audit log.	New for 10.96.1

Security

Ref ID	Description	First Available In
76481	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 Fix Rollup 2
76637	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 Fix Rollup 2

Ref ID	Description	First Available In
74480	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 Fix Rollup 1

Workbench Provider

Ref ID	Description	First Available In
77794	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 10.96.1

Triggers

Ref ID	Description	First Available In
76509	Fixed a crash (System.ArgumentNullException) in the Unified Data Manager that could occur when using empty point names in expressions.	New for 10.96.1

Unified Data Manager

Ref ID	Description	First Available In
73105	Resolved a memory leak that could occur in the ICONICS Unified Data Manager service (UDMRuntime64.exe). This leak was most often observed on the inactive node of a redundant pair.	New for 10.96.1

WebAPI

Ref ID	Description	First Available In
72860	Resolved an exception related to IcoFwxServer.exe.config that might be logged to TraceWorX when the WebAPI service started. This exception had no obvious affect aside from the log.	New for 10.96.1
73029	Made an optimization to the WebAPI engine to avoid unnecessary resource usage when the same user was logged into multiple devices.	Critical Fix Rollup 1

Workbench Provider

Ref ID	Description	First Available In
74750	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 Fix Rollup 1

Tools

Bulk Asset Configurator

Ref ID	Description	First Available In
74455	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 10.96.1
77747	The Bulk Asset Configurator now masks the username and password of SQL accounts in connection strings.	New for 10.96.1

ConverterWorX

Ref ID	Description	First Available In
75299	Resolved a "System.ArgumentException: An item with the same key has already been added" error that could occur when converting TrendWorX32 Logger data from two or more logging groups with the same name.	New for 10.96.1
75483	Resolved an issue in ConverterWorX where process points in the converted displays would always be left-aligned even if the source displays were aligned differently.	New for 10.96.1

Workbench

Ref ID	Description	First Available In
73152	Resolved a rare issue where the filter in the Project Details pane could sometimes not allow characters to be typed into the fields if the first character was a number.	New for 10.96.1
74463 74613	Resolved a crash that would occur when opening the Tools > Redundancy page from Workbench on a system with the GENESIS64 Client installation.	New for 10.96.1
73215	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 installing 10.96.1 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 installing the new version.	Critical Fix Rollup 1
73217	Resolved an issue causing unencrypted database connection strings (which may contain passwords) to be logged into TraceWorX by the Workbench point manager.	Critical Fix Rollup 1
73969	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 Fix Rollup 1
74244	Resolved a deserialization vulnerability in Workbench that could allow an attacker to execute arbitrary code on the server.	Critical Fix Rollup 1

Pack and Go

Ref ID	Description	First Available In
76870	When unpacking a project and using the Find and Replace option, the aliases were being replaced twice. This has been resolved.	New for 10.96.1
75520	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 Fix Rollup 2
74155	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 Fix Rollup 1

Workbench Classic

Ref ID	Description	First Available In
76082	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 10.96.1
74394	Resolved a deserialization vulnerability in Workbench Classic that could allow an attacker to execute arbitrary code on the server.	Critical Fix Rollup 1

Known Issues & Limitations

Ref ID	Description
77725	In the case that both the ICONICS Suite and CFSWorX standalone are installed on the same system, installing 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.)
n/a	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.
78052	The recursive active count of faults is showing incorrect numbers.
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).
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.
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.
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. 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.

Ref ID	Description
	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.

Founded in 1986, ICONICS is an award-winning independent software provider offering real-time visualization, HMI/SCADA, energy management, fault detection, manufacturing intelligence, MES, and a suite of analytics solutions for operational excellence. ICONICS solutions are installed in 70 percent of the Global 500 companies around the world, helping customers to be more profitable, agile and efficient, to improve quality, and to be more sustainable.

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