

# ICONICS 10.96.2

Resolved Issues | **ICONICS Suite™**

November 2020



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## Contents

Introduction to Resolved Issues for 10.96.2 .....	4
"First Available In" Column .....	4
AnalytiX .....	5
AnalytiX-BI .....	5
BridgeWorX64 & Workflow .....	5
CFSWorX .....	5
Facility AnalytiX & FDDWorX .....	6
ReportWorX64 & ReportWorX64 Express .....	6
Data Connectivity .....	8
BACnet Connector .....	8
GridWorX .....	8
Modbus Connector .....	8
SNMP Connector .....	9
Web Services Connector .....	9
GENESIS64 .....	10
AlarmWorX64 .....	10
AlarmWorX64 Multimedia .....	10
AlertWorX .....	11
AssetWorX .....	11
Controls .....	11
EarthWorX .....	12
GraphWorX64 .....	12
RecipeWorX .....	13
ScheduleWorX64 .....	13
Hyper Historian .....	14
Collector .....	14
Data Exporter .....	14
Logger .....	14
SQL Query Engine .....	14
Installation .....	15

IoTWorX & Internet of Things .....	16
BACnet Connector .....	16
Edge Installation.....	16
Workbench Provider .....	16
KPIWorX.....	17
MobileHMI & HTML5 WebHMI .....	18
App Hub .....	18
HTML5, iOS, Android .....	18
MobileHMI Server.....	21
Platform Services .....	22
Commanding.....	22
Expressions .....	22
FrameWorX .....	22
Global Aliases .....	22
OPC UA.....	23
Security .....	23
Unified Data Manager .....	23
WebAPI .....	23
Workbench .....	24
Project Files .....	24
Known Issues & Limitations .....	25

## Introduction to Resolved Issues for 10.96.2

This edition of the "Resolved Issues" describes many fixes made in version 10.96.2 since the previous release (10.96.1). 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 10.96.2, 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 10.96.1. 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
77751	The "weekday" function now returns an integer value. This is consistent with the behavior of the "weekday" expression in the traditional expression editor.	New for 10.96.2
79735	Resolved a crash of the AnalytiX-BI Server that could occur when renaming a data table in Workbench if that table was used in a view.	New for 10.96.2
78773	Resolved an issue introduced in 10.96.1 that could cause AnalytiX-BI to freeze or hang when retrieving records from data flows.	10.96.1 Critical Fix Rollup 1

## Workbench Provider

Ref ID	Description	First Available In
	Data flows and data models now allow the colon as a valid character in column names.	
79220	Columns in a data flow that do not explicitly provide a data type will have their data types inferred by the first value. If the first value returned is a null value, string type will be used. These changes should make it easier to work with historical alarm data sources.	New for 10.96.2
80159	Resolved an error that incorrectly considered column names with a dash to be invalid names. This affected Add Column, Rename Column, and Transpose Column steps in data flows.	New for 10.96.2

## BridgeWorX64 & Workflow

### BridgeWorX64 Server

Ref ID	Description	First Available In
68850	Previously, if one or more nodes would contain a NULL value in the Generic JSON Writer activity, the JSON would not be generated. This has been resolved. NULL values are now allowed.	New for 10.96.2

## Workbench Provider

Ref ID	Description	First Available In
80059	Resolved an error causing the JSON Content Reader block's "Write to XML" function to always return an error state, even if the XML file was successfully created.	New for 10.96.2

## Workflow

Ref ID	Description	First Available In
79334	Delay blocks configured with expressions now continue to the next block immediately if the expression is already true when entering the block.	New for 10.96.2

## CFSWorX

Ref ID	Description	First Available In
79224	Resolved an issue causing the CFSWorX workflow to erroneously reject acknowledgments from Twilio SMS, Vonage SMS, or emails if acknowledgments happened from the same worker on two different devices.	New for 10.96.2
80695	The association between a Dynamics user and a security user would get overwritten when resynchronizing with Dynamics. This has been resolved.	New for 10.96.2
80709	The association between a worker imported from Active Directory and a security user would get overwritten when resynchronizing with Active Directory. This has been resolved.	New for 10.96.2
80843	The Worker Access Point Manager would become unresponsive if Dynamics schedule update rate was very fast. This has been resolved.	New for 10.96.2

## Facility AnalytiX & FDDWorX

Ref ID	Description	First Available In
77594	When the FDDWorX service was restarted, faults that were already in the active state may not have been reevaluated as active. This has been resolved.	New for 10.96.2
79607	For faults with an "enabled" field set to a dynamic value, if the dynamic enabled value changed from enabled to disabled while the fault was active, the fault would be considered disabled but still active. This was incorrect and has been resolved – disabled faults are now always considered inactive.	New for 10.96.2
80390	Resolved an issue preventing the FDDWorX service from starting when there are duplicate fault names for a single asset. When this issue occurred, TraceWorX would log these messages:  Module 'FDD' Failed to Start: An item with the same key has already been added. ArgumentException : An item with the same key has already been added.	New for 10.96.2

## Fault Viewer

Ref ID	Description	First Available In
78372	When using incident view, the fault viewer would not save its configured filters. This has been resolved.	New for 10.96.2

## Workbench Provider

Ref ID	Description	First Available In
77837	Resolved an issue that could prevent updates to the GenBroker configuration. When this issue would occur, an error would appear that said: "[System.InvalidOperationException] No transaction scope was created. Call BeginTransactionAsync before calling this method"	New for 10.96.2

## ReportWorX64 & ReportWorX64 Express

Ref ID	Description	First Available In
78589	If there are two or more reports configured to execute on the same trigger but one of the reports is disabled, the trigger would still generate the disabled report. This has been resolved.	New for 10.96.2
79177 78748	Resolved a rare issue that can cause files being transferred via AlertWorX to become corrupted. The most noticeable result of this was that ReportWorX64 email redirector tasks would send an email with no attachment or not send an email at all.	10.96.1 Critical Fix Rollup 1

## ReportWorX64 Express & Excel Add-In

Ref ID	Description	First Available In
77096	Opening a finished ReportWorX64 report (one generated by the ReportWorX64 server) and using the ReportWorX64 Excel add-in to clear the data and download it again would result in no data if the template was configured to use dynamic or fixed list parameters. This has been resolved - data in such reports can now be cleared and re-downloaded using the ReportWorX64 Excel add-in.	New for 10.96.2
77889	Resolved an issue preventing ReportWorX64 Express to download data from HDA data sources other than Hyper Historian (including AssetWorX). Note that certain columns such as DisplayName are unique to Hyper Historian data sources and will not be filled in when populating from a non-Hyper Historian source.	New for 10.96.2
78151	When downloading historical data and using a parameter for the aggregate type, an error is now thrown in the report log window if the parameter value is not a valid historical aggregate.	New for 10.96.2
79145	Cells mapped to ReportWorX64 data would not work correctly after adding or deleting cells, rows, or columns in Page Break Preview mode. Even though the mapped cells would appear to move they would be treated as if they remained in their pre-insert or pre-delete location, including downloading the data in the wrong place. This has been resolved.	New for 10.96.2
80174	Resolved an issue preventing Hyper Historian calculated tags from being downloaded more than once. Using the "Download Data" button once worked as expected, but then using the "Clear Data" button and doing a second "Download Data" would result in no data.	New for 10.96.2

## AnalytiX - ReportWorX64 & ReportWorX64 Express

Ref ID	Description	First Available In
80985	Resolved an issue with dependencies between parameters. If one parameter was dependent on two or more other parameters, only changes to the first referenced parameter would update the dependent parameter.	New for 10.96.2

### ***ReportWorX64 Viewer***

Ref ID	Description	First Available In
80985	Resolved an issue with dependencies between parameters. If one parameter was dependent on two or more other parameters, only changes to the first referenced parameter would update the dependent parameter.	New for 10.96.2

## Data Connectivity

### BACnet Connector

Ref ID	Description	First Available In
78233	Resolved a rare crash in the BACnet Runtime service.	New for 10.96.2
80215	Resolved an issue causing some BACnet devices to stay offline after BACnet Runtime had successfully started.	New for 10.96.2
80714	Resolved an issue preventing the alarm subscription to more than one BACnet device at a time. Prior to this fix, subscribing to the alarms of more than one BACnet device would result in only the alarms of one device being displayed.	New for 10.96.2
79292	Resolved an issue causing slow response from the BACnet point manager. This included displaying BACnet presentValue data in runtime, expanding items in the BACnet provider in Workbench, and browsing for BACnet data in the data browser.	10.96.1 Critical Fix Rollup 1

### GridWorX

#### GridWorX Server

Ref ID	Description	First Available In
27116	Oracle REF CURSORS are now supported as a return type.	New for 10.96.2
79173	Resolved a rare issue that can cause the GridWorX server to stop responding (hang).	10.96.1 Critical Fix Rollup 1

#### GridWorX Viewer

Ref ID	Description	First Available In
79887	Automatic scaling on an SPC chart would sometimes drop the lower bound to zero even when the value did not reach that range. This has been resolved.	New for 10.96.2
78797	Expressions for commands using dateparts of datetime fields in the GridWorX Viewer could return incorrect values when using non-US regional settings. This has been resolved.	10.96.1 Critical Fix Rollup 1

#### Workbench Provider

Ref ID	Description	First Available In
80418	When configuring a stored procedure using the "Configure command" wizard, selecting a procedure, then going back and selecting a different procedure would update the procedure name but not the parameters. The parameters from the first procedure would still be in use. This has been resolved.  Also resolved an issue where the length of varWChar parameters could not always be changed in the "Configure command" wizard.	New for 10.96.2
80458	When using the configuration wizard to select a stored procedure for Oracle, incorrect syntax could be generated, resulting in GridWorX being unable to execute the stored procedure. This has been resolved.	New for 10.96.2
80461	Resolved an issue preventing users from creating an Oracle data source using an output parameter.	New for 10.96.2

### Modbus Connector

Ref ID	Description	First Available In
76836	When "re-open socket(s)" was enabled for a channel the socket was not correctly reopened after a timeout or connection loss. This has been resolved.	New for 10.96.2



## SNMP Connector

### Workbench Provider

Ref ID	Description	First Available In
79858	Resolved a crash in Workbench that could occur when importing MIB files. This crash would occur when the imported MIB file contained multiple conceptual rows sharing the same type names.	New for 10.96.2

## Web Services Connector

Ref ID	Description	First Available In
79926	Updates to common parameters in a REST service did not take effect until the Web Services Point Manager was restarted. This has been resolved.	New for 10.96.2
80698	If an exception occurred in a web manipulator's REST call the Web Services point manager would crash (lco.Ws.Common.RestException). This has been resolved.	New for 10.96.2
78576	If the user was adding a SOAP service in Workbench and the proxy assembly (WSDL) they were using defined more than one service, the error below would be shown when hitting "Apply". This has been resolved.  [System.InvalidOperationException] Cannot create a connection to the web service. Error Details: Object reference not set to an instance of an object.	10.96.1 Critical Fix Rollup 1

### Workbench Provider

Ref ID	Description	First Available In
78070	When configuring a REST web service that uses a JSON Web Token for authentication, if the Web Authentication Method returned an array, that array was truncated to the first element. This could prevent the user from selecting the correct element with the web token if it was not the first element. This has been resolved – the array is no longer truncated so the correct element can be selected when configuring the connection credentials for the service.	New for 10.96.2
79549	Previously, if the source of a web service API call is updated so that the schema changed, the return schema would have to be manually updated in the Web Services provider, otherwise values could appear in the wrong columns. Now, if the returned schema is different, the Web Services point manager will automatically attempt to match the new schema to the schema stored in the configuration so that, when possible, the client will receive the values in the correct columns. This allows the Web Services point manager to automatically react to small schema changes like a reordering of columns. For larger changes, it is still recommended to manually update the schema in the Web Services provider.	New for 10.96.2

# GENESIS64

## AlarmWorX64

### AlarmWorX64 Server

Ref ID	Description	First Available In
78249	If certain characters were appended to the end of an acknowledge comment, the alarm could be unintentionally shelved or unshelved, even if the chosen operation was not shelve or unshelve. This has been resolved.	New for 10.96.2
80370	When alarms were acknowledged via AlarmWorX64 Multimedia agents, the ActorID would show as "unknown". This has been resolved.	New for 10.96.2

### AlarmWorX64 Viewer

Ref ID	Description	First Available In
77030	When editing a subscription point, if the point tag contained a global alias the "Getting attributes" dialog would appear and never exit. This has been resolved.  Also, when editing the fields for the subscription, the user will now be prompted to enter a value for any global aliases. The configuration will use these values to resolve the subscription and get the fields.	New for 10.96.2
79035	Resolved an issue where the AlarmWorX64 Viewer could display duplicate rows if language aliases were used and the default translation value for an alias used in a displayed alarm was changed.	New for 10.96.2
79781	Resolved a rare crash in the AlarmWorX64 Viewer that could happen when the viewer's alarm subscription changed (such as when an alias in then tag name was updated). The problem was more likely to occur when there were many active alarms loaded before the change.  This issue was only observed in the desktop (WPF) AlarmWorX64 Viewer but could have happened in other platforms. The fix was applied across all platforms including HTML5 and Universal Windows Platform (UWP).	New for 10.96.2
79813	Alarms with a custom beep file specified as a web URL (example: http://servername/GENESIS64/WebSites/PubDisplay/Sound.wav) instead of a file URI (example: C:\Program Files\ICONICS\GENESIS64\WebSites\PubDisplay\Sound.wav) would not play the sound file in HTML5 displays. This has been resolved - custom beep files with a web URL should now properly play.	New for 10.96.2
80057	Resolved an issue that could leave instances of GraphWorX64 hanging in Task Manager when working with displays that contained AlarmWorX64 Viewers with List or Flip Views.	New for 10.96.2
80155	Resolved an issue that could cause the Flip or List Views in an AlarmWorX64 Viewer to fail to load alarms on some page loads.	New for 10.96.2
78939	Resolved an issue in the AlarmWorX64 Viewer that could cause language aliases to fail to resolve once a user has logged into security with a user that has that default language.	10.96.1 Critical Fix Rollup 1

### AlarmWorX64 Multimedia

Ref ID	Description	First Available In
73133	Resolved an issue preventing the AlarmWorX64 Multimedia engine from starting if the configuration database connection contained SQL credentials that used an equal sign (=) in the password. When this issue occurred, TraceWorX would log several errors, including "Invalid connection string".	New for 10.96.2
79830	Resolved an issue that could cause the mail agent to fail to send messages if the agent was launched with a different COM identity than normal (which could happen when logging onto the machine as a different user, or when sending a test message). When this issue would occur, TraceWorX for the mail agent would report "Password empty".	New for 10.96.2
80370	When alarms were acknowledged via AlarmWorX64 Multimedia agents, the ActorID would show as "unknown". This has been resolved.	New for 10.96.2

## AlertWorX

Ref ID	Description	First Available In
78993	Resolved an issue with Twilio voice calls that could occur when the WebAPI service was bound to a nonstandard port. The issue would cause Twilio to read an error message to the listener instead of the desired message.	10.96.1 Critical Fix Rollup 1
79177	Resolved a rare issue that can cause files being transferred via AlertWorX to become corrupted. The most noticeable result of this was that ReportWorX64 email redirector tasks would send an email with no attachment or not send an email at all.	10.96.1 Critical Fix Rollup 1

## AssetWorX

Ref ID	Description	First Available In
79339	Resolved an issue preventing acknowledging alarms coming through AssetWorX if the subscription was configured with both the ConditionName (under BaseConditionType) field and the OPC UA [ <a href="http://opcfoundation.org/UA/">http://opcfoundation.org/UA/</a> ]ConditionType fields.	New for 10.96.2
79946	Resolved a crash of the AssetWorX Point Manager that would occur if a client was subscribed to a parameterized equipment property using a non-default parameter value and a parent of that subscribed property was disabled or deleted or the point manager was stopped.	New for 10.96.2
80111	If an AssetWorX equipment property was subscribed to a second equipment property which was a static property, disabling then enabling the static property could cause inconsistent behavior. Writes to the first property may fail entirely, or they will succeed, but the new value will not appear in all clients. This has been resolved.	New for 10.96.2
79101	Resolved an issue causing the AssetWorX cache to stop working after upgrading a system from a 10.95.3 or earlier version to 10.96.1. When this problem would occur, the asset properties would return "Bad - Resource Unavailable", and TraceWorX would log this 800-level error: "Database cache: error opening or initializing cache table".	10.96.1 Critical Fix Rollup 1

## Asset Navigator

Ref ID	Description	First Available In
78588	Resolved an issue preventing columns for asset properties to not display any values when using tree views.	New for 10.96.2
79504	By design, the mouseover and selection styles take precedence over other styles, however this also meant that if no brush was selected for a mouseover or selection style, that null brush would also apply over other styles. This has been changed so that null brushes no longer take precedence. Now, the row's style element will remain unchanged when moused over or selected if the relevant mouseover or selection brush for that element is null.	New for 10.96.2
80607	When an Asset Navigator was configured with style rules for columns, the asset icons would be replaced by a default icon if the assets were expanded, closed, and expanded again. This has been resolved.	New for 10.96.2

## Controls

### Camera Control

Ref ID	Description	First Available In
77421	Resolved a crash (System.Exception) of the camera control that could occur when the camera had a problem preparing the audio out support. Now, rather than crashing, if the camera runs into an audio out issue (which could occur due to external issues, such as no audio device is present or it is exclusively locked by another app) it will log an error to TraceWorX and stop trying to play audio for this session.	New for 10.96.2
80744	Resolved an issue where playback would stop (the streaming service would stop providing video) if there were a large number of clients (around 100 or more).	New for 10.96.2

## TrendWorX64 Viewer

Ref ID	Description	First Available In
80382	In HTML5 TrendWorX64 Viewers, if the server tag description should have been shown in the legend (i.e. there was no description set in the TrendWorX64 Viewer configuration), the tag path was shown instead. This has been resolved - the TrendWorX64 Viewer's legend will now display the server tag description, where appropriate.	New for 10.96.2
80639	Sampling intervals of a day or greater are no longer available in the runtime "Edit Trend Periods and Rates" dialog. This resolves an issue where sampling intervals of that length would cause a crash. Also, the settings in this dialog are now validated before applying them.	New for 10.96.2
78957	Resolved an issue introduced in 10.96.1 causing the Time Shift property to not take effect for negative numbers (such as "-1 Hour"). This issue affected the TrendWorX64 Viewer in all platforms.	10.96.1 Critical Fix Rollup 1

## EarthWorX

Ref ID	Description	First Available In
79990	When more than one OGC/WMS connection is available, under Map Type the collections from all OGC/WMS connections would be shown, not just the active connection. This has been resolved.	New for 10.96.2
78358	Resolved a crash when opening GraphWorX64 displays containing EarthWorX Viewers with OGC/WMS map layers that were configured in version 10.95.	10.96.1 Critical Fix Rollup 1

## GraphWorX64

Ref ID	Description	First Available In
72151	When using Smart Symbols with local aliases and using the Shared Keyword, the local alias values were changed even though the preserve local aliases is checked. This has been resolved.	New for 10.96.2
73950	Resolved a rare issue in which Text that is bound to a Smart Property that has a value that is a dynamic tag could sometimes fail to resolve in runtime mode (displaying the unresolved tagname).	New for 10.96.2
74040	Resolved an issue that could cause shortcut keys assigned to pick actions to stop functioning or revert to their default behavior (such as F1 launching help) after a display switch.	New for 10.96.2
77042 79706	Previously, if a Batch command contained a Load Graphical Display command followed by a command that interacted with the display that was just loaded (such as a Select Element command), the second command may not have executed properly in all cases. This has been resolved - the Load Graphical Display command now properly reports to the caller when the load has completed so that further commands can more reliably interact with the loaded display.	New for 10.96.2
77098	This was resolved for both desktop (WPF) and HTML5 displays. GraphWorX64 now more accurately renders AutoCAD drawings that utilize the "hatches" fill pattern.	New for 10.96.2
77145	The starting location of popup windows when using the global Load Graphics Display command is now more consistent with the local Load Display pick action.	New for 10.96.2
77194	If the data source for a color dynamic went from active (showing the color) to bad quality, the color would still be applied. This was incorrect and has been resolved.	New for 10.96.2
77863	In displays where both UsePointFailColorsForUncertainQuality and UsePointFailTextForUncertainQuality were set to true, sometimes analog process points would not properly show the point fail text when they changed to uncertain quality. This has been resolved.	New for 10.96.2
79569	Resolved an issue causing cloned pick actions to ignore the InitialClick and AutoUncheckDuration properties.	New for 10.96.2
79968	If an imported SVG file contained embedded images, the images would not show up after the display had been saved, closed, and reopened. This has been resolved.	New for 10.96.2
80814	Resolved an issue causing GenEvent "value written to" events triggered in WPF WebHMI pages (which run in Internet Explorer) to show "GENESIS64" as the tag source. They now show "GraphWorX64", which is consistent with previous versions.	New for 10.96.2

Ref ID	Description	First Available In
77182	Improved the SVG import when the imported SVG file contained gradient units of "userSpaceOnUse" (meaning the gradients were intended to be relative to the coordinate space of the parent viewport). This change can also improve other uses of "userSpaceOnUse" in SVGs beyond gradients.	10.96.1 Critical Fix Rollup 1
79046	WPF GraphWorX64 running in Internet Explorer was not generating GenEvents when writing to process points. This has been resolved.	10.96.1 Critical Fix Rollup 1

## RecipeWorX

### Recipe Navigator

Ref ID	Description	First Available In
80412	Resolved an issue that would occur when a recipe navigator was configured with an initial selection and a custom root was in use that was deeper than one level (so in a structure of rcp:A.B.C, the problem would occur with a custom root at level B or deeper). The issue would cause recipe grids to fail to load data when attempting to load the initial selection given by the connected recipe navigator with this issue.	New for 10.96.2

## ScheduleWorX64

### Schedule Control

Ref ID	Description	First Available In
80651	BACnet Schedule Viewers contain a new property (set on the Advanced tab) called SupportsArrayModification. The default value is True. When set to False, exception schedules will be saved using ObjectModify rather than array modification. Setting SupportsArrayModification to False can resolve issues where adding an exception resets the existing exceptions for certain devices that do not support array modification.	New for 10.96.2

# Hyper Historian

## Collector

Ref ID	Description	First Available In
77586	Hyper Historian Collector systems were not properly saving OPC UA Server Configuration settings. This has been resolved, and the OPC UA Server Configuration settings were made consistent with the equivalent settings in the Workbench's FrameWorX provider.	New for 10.96.2
78675	In standalone Hyper Historian Collector installations, the UaPointManager.Servers.config file was being overwritten when upgrading a 10.96 system to 10.96.1. This would cause any settings configured in the OPC UA Servers Configuration tool to be lost on an upgraded system unless this file was manually backed up. This has been resolved for 10.96.2. Systems upgraded from 10.96 or 10.96.1 to 10.96.2 or later should not lose these settings.	New for 10.96.2

## Data Exporter

Ref ID	Description	First Available In
77625	Resolved an issue causing the data exporter to provide an invalid client secret, even when the correct client secret was supplied in the configuration. This affected Azure Data Lakes and Hadoop storage connections.	New for 10.96.2

## Logger

Ref ID	Description	First Available In
79788	There was an issue in the process of recovering damaged data blocks. The data would be recovered; however, this problem would cause data reads that included a certain moment of time (the start of the original damaged block) to fail to read past that point. Reads that did not include this point would succeed.  This issue has been resolved. Damaged data blocks are now properly recovered. No additional steps are necessary to recover data blocks that may have been partially recovered before this fix - the damaged data incorrectly left behind by the previous recovery that caused the problem will be removed automatically.	New for 10.96.2
79791	Boolean values can now work with the "Most Recent on Time" logging option.	New for 10.96.2

## Performance Calculations

Ref ID	Description	First Available In
79060	Recalculation tasks reading from text files in the CalculationTasks folder no longer fail if there was an extra carriage return or line feed at the end of the file.	10.96.1 Critical Fix Rollup 1

## SQL Query Engine

Ref ID	Description	First Available In
76865	Resolved an issue preventing Excel from using the Hyper Historian OLEDB provider to get data from the RAWDATA table. This issue may have affected other clients of the Hyper Historian OLEDB provider as well.	New for 10.96.2
80673	Resolved an issue causing the GET_VALUES stored procedure to fail to run, always returning an error.	New for 10.96.2

## Installation

Ref ID	Description	First Available In
79081	Resolved an issue that could cause previous installations to remove symbolic links from the AnyGlass directory. In some cases, when this issue occurred the contents of the symbolic link location were also removed.	New for 10.96.2

## IoTWorX & Internet of Things

Ref ID	Description	First Available In
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.	New for 10.96.2
	In previous releases, this time period of two hours could only be modified in the Azure Portal. Now it can be set in Workbench. In an IoT project, bring up the context menu for a device, select "Configure Modules", select "Click to configure modules", then update the "Store and Forward Configuration TTL".	
	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.	
80773	If a dynamic subscription was unsubscribed and the point also existed in a publish list, the publish list point would mistakenly be removed as well, causing it to go bad quality. This has been resolved.	New for 10.96.2

## BACnet Connector

Ref ID	Description	First Available In
79127	Resolved issues that could cause a device to not return any objects on discovery if the device did not have segmentation support or had a large number of objects (thousands).	10.96.1 Critical Fix Rollup 1
78757		
79301	Network Discovery now returns "Device: ID" as the device name if the device returns an empty string for the objectName property. Previously an empty string was used as the device name.	10.96.1 Critical Fix Rollup 1

## Edge Installation

Ref ID	Description	First Available In
77513	The IoTWorX installation now prevents users from installing on versions of Ubuntu that are newer than the supported versions.	New for 10.96.2

## Workbench Provider

Ref ID	Description	First Available In
80892	Resolved an issue preventing users from creating an Oracle data source using an output parameter.	New for 10.96.2



## KPIWorX

Ref ID	Description	First Available In
76319	Filter widgets configured with single selection now must have an item selected.	New for 10.96.2
76910	Columns can now be dragged from the Pivot field to Columns or GroupBy mappings.	New for 10.96.2
78145	When Azure Active Directory web login was enabled, if the user attempted to access a specific KPIWorX dashboard URL, was denied access, then logged in with a user who had access, they would be redirected to the default KPIWorX page (a blank dashboard) instead of their desired dashboard. This has been resolved.	New for 10.96.2
79442	Resolved an issue preventing the table widget from sorting on columns where the raw data was non-numeric (like string) but was currently displaying numeric values due to an aggregate (like count).	New for 10.96.2
80029	Categorical charts did not save the order of series mapped to a particular axis, meaning the order of the series could change after the dashboard was saved and reloaded. This has been resolved.	New for 10.96.2
80616	When using stacked series in a categorical chart and sorting them into different stack groups, the StackGroupKey would not be saved with the dashboard. This resulted in all series being rendered in the same stack after reloading a saved display. This has been resolved. Dashboards suffering from this issue will need to be saved again after applying this fix to properly store the StackGroupKey into the dashboard save file.	New for 10.96.2
78995	OGC/WMS map layers in EarthWorX Viewers or the KPIWorX Map component that were configured in version 10.95 would not render. This has been resolved.	10.96.1 Critical Fix Rollup 1

## MobileHMI & HTML5 WebHMI

### App Hub

Ref ID	Description	First Available In
80626	Smart tiles in the App Hub configured to blink would sometimes not stop when they were supposed to or would stop on the wrong color. This has been resolved.	New for 10.96.2
80942	When the MobileHMI server was configured with a single layout and a single tile, the page for that single tile should be loaded automatically when MobileHMI clients connected. Android or iOS clients had an issue where that page would continue to be loaded every few seconds. This has been resolved - the page now only loads once, as desired.	New for 10.96.2

### HTML5, iOS, Android

Ref ID	Description	First Available In
	TrendWorX64 Viewers were not treated as valid drag-and-drop targets for process points. This has been resolved.	
76376	Also resolved an issue where process points with the ResolveAliasesInDragDropDataSource property were not properly resolving the tags before the drag-and-drop action. This issue was not visible in many situations because the target (such as a TrendWorX64 Viewer) would then resolve the tag, but it caused unexpected behavior in some situations.	New for 10.96.2
78796	The tolocal expression on HTML5 clients was using the HTML5 server's local time zone, not the client's local time zone. This has been resolved - tolocal on HTML5 clients now correctly uses the client's time zone.	New for 10.96.2
78953	On systems with 10.96 Critical Fix Rollup 3 or 10.96.1 Critical Fix Rollup 1 applied, in SVG objects using gradients and the "userSpaceOnUse" gradient units, the gradients were not rendered correctly in HTML5 displays. This has been resolved.	New for 10.96.2
79506	By default, the HTML5 GridWorX Viewer's chart now does not resolve language aliases in data. This change was made to avoid loading errors for charts that did not utilize language aliases. If language aliases do need to be resolved in the GridWorX Viewer charts, edit the ico.anyglass.parsing.config file and set GdxChartResolveLasInData to true.	New for 10.96.2
80032	Resolved an issue causing gradients to not display correctly.	New for 10.96.2
78706	Resolved a rare memory leak (that could eventually lead to a crash) of the HTML5 engine. This problem was related to FrameWorX connections that were not being properly disposed when displays were closed.	10.96.1 Critical Fix Rollup 1
79098	Resolved an HTML5 crash (System.NullReferenceException) that would cause displays to reload. This crash was related to the use of the GridWorX Viewer.	10.96.1 Critical Fix Rollup 1

### AlarmWorX64 Viewer

Ref ID	Description	First Available In
63260	The Edit Time Range dialog for historical alarm viewers no longer shows "Add new work shift" or "Delete selected work shift" buttons when choosing a shift. (These shifts were never configurable in runtime mode.)	New for 10.96.2
	This is now consistent with the desktop (WPF) and Universal Windows Platform (UWP) platforms.	
78666	Resolved two styling issues with borders in the HTML5 AlarmWorX64 Viewer. First, the control always had an additional black outer border. Second, when horizontal grid lines were shown, they were always black. The outer border and horizontal grid lines now obey the border color configured in the viewer.	10.96.1 Critical Fix Rollup 1

### Asset Navigator

Ref ID	Description	First Available In
80180	Commands configured using the "Directly accessible" option in the AssetWorX Workbench provider were not being executed when the button was selected in an HTML5 AssetWorX Navigator. This has been resolved.	New for 10.96.2

## Camera Control

Ref ID	Description	First Available In
76991	The HTML5 camera control would not display any video when viewing the display on a remote machine. This has been resolved.	10.96 Critical Fix Rollups

## Data Explorer

Ref ID	Description	First Available In
77087	The HTML5 data explorer would not properly page when displaying lists of items (assets, tags, etc.) when the number of items was greater than 64. The number of pages detected was incorrect, leading to not all items being visible. This has been resolved.	New for 10.96.2
80803	The HTML5 Data Explorer control did not load custom grid styles if it was loaded inside of an embedded GraphWorX64 Viewer. This has been resolved.	New for 10.96.2

## EarthWorX

Ref ID	Description	First Available In
80108	Resolved an issue where pins with the clone dynamic are not correctly positioned in HTML5 EarthWorX displays. This issue would only occur when the pin was inside a group, the clone dynamic was applied to the group, then the cloned group was inside another group.	New for 10.96.2
80995	HTML5 EarthWorX displays would not show layers from an OGC/WMS service. This has been resolved.	New for 10.96.2
78995	OGC/WMS map layers in EarthWorX Viewers or the KPIWorX Map component that were configured in version 10.95 would not render. This has been resolved.	10.96.1 Critical Fix Rollup 1

## GraphWorX64

Ref ID	Description	First Available In
68596	Properties that were bound using an expression in the Smart Binding Editor did not work properly inside nested smart symbols. This has been resolved.	New for 10.96.2
77042	Previously, if a Batch command contained a Load Graphical Display command followed by a command that interacted with the display that was just loaded (such as a Select Element command), the second command may not have executed properly in all cases. This has been resolved - the Load Graphical Display command now properly reports to the caller when the load has completed so that further commands can more reliably interact with the loaded display.	New for 10.96.2
77230	This was resolved for both desktop (WPF) and HTML5 displays. Resolved an issue preventing Load Display commands with a TargetType of Current Display from working when a large number of local aliases are configured in the single pick action.	New for 10.96.2
77302	Previously, if a display was configured to use an embedded font and the font was missing, the text would not appear. Now, the browser's default font is used, and an error is logged to TraceWorX.	New for 10.96.2
77940	Resolved an issue preventing multiple ExecuteOnMouseEnter or ExecuteOnMouseLeave pick actions from executing on a single object. This problem only occurred if both pick actions were using the same trigger (both ExecuteOnMouseEnter or both ExecuteOnMouseLeave) and the pick actions were configured on different group levels (for instance, one pick was configured on the object itself and another was configured on a group containing the object). Before this fix, only the innermost pick action would be triggered.	New for 10.96.2
78437	In HTML5 displays, the Description was not being properly resolved when bound to a smart property. This has been resolved.	New for 10.96.2
79600	Path primitives in SVG objects were not rendered in HTML5 displays. (Path primitives are common elements in SVGs, so it is possible an entire SVG file would not have rendered due to this issue.) This issue only occurred on systems using 10.96 Critical Fix Rollup 3 or 10.96.1 Critical Fix Rollup 1 and has now been resolved.	New for 10.96.2
79909	Smart symbols that included primitives like path, polyline, and line that used the smart binding editor to set the stroke thickness did not work properly in HTML5 displays. This has been resolved.	New for 10.96.2

Ref ID	Description	First Available In
80026	Resolved an issue that could prevent swiping between different pages of a pivot control if the pivot was in a scroll panel that didn't allow scrolling (such as if it was explicitly disabled or the content fit the available space and scrolling wasn't needed).	New for 10.96.2
80222	Global alias values were not always being carried over to the next display when a Load Display action was performed. This has been resolved.	New for 10.96.2
80305	In HTML5, smart bindings on the text object inside of a label now work. Previously they needed to be bound on the label level, now they can work on either object.	New for 10.96.2
80332	If a statefield process point was configured with dynamic state text (such as language aliases or expressions), the initial state text would not display. After the first state change the text would display as expected. This issue has been resolved.	New for 10.96.2
77088	Resolved an issue where a scrollable panels or control inside of a scroll panel could create an inconsistent scrolling experience, such as jumping back to the original spot when the scroll was released.	10.96.1 Critical Fix Rollup 1
77090	Resolved an issue preventing scrolling in a scroll panel when the mouse or finger was at the top of a table. (Tables are used in controls such as the GridWorX Viewer, AlarmWorX64 Viewer, the TrendWorX64 Legend, and more.)	10.96.1 Critical Fix Rollup 1
79116	Resolved an issue where the process point state selector ignored the order of state conditions. This resulted in behavior that was inconsistent with desktop (WPF) GraphWorX64. The state selector behavior is now consistent between the two formats.	10.96.1 Critical Fix Rollup 1

## GridWorX Viewer

Ref ID	Description	First Available In
74032	When stacking series in a chart, data labels may not appear for every series. This has been resolved.	New for 10.96.2
79597	GridWorX charts with very long legends placed below the chart now display the legend in a scrollable list instead of reducing the chart space. This was previously updated for legends displayed on the side of the chart, now it applies to legends below the chart.	New for 10.96.2
79609	Autoscale is now correctly applied in HTML5 GridWorX Viewer charts if the data is a series of identical values. A buffer of 0.5 is added to the vertical axis above and below the value. This is now more consistent with desktop (WPF) GridWorX Viewer charts.	New for 10.96.2
79951	Resolved an issue causing the cursor tooltip to not always display properly when viewing graphs that contained both bar and line series.	New for 10.96.2
79992	Resolved an issue causing the HTML5 GridWorX Viewer's runtime filter to lose the first condition if the "and" or "or" condition was used.	New for 10.96.2
80151	GridWorX Viewer pie and donut charts could be rendered in a distorted shape if there was too large of a range between the greatest and smallest value in the series. This has been resolved.	New for 10.96.2
78020	Previously, HTML5 GridWorX Viewer charts would only group visible series if they were connected to the same axis. Now, to be consistent with the desktop (WPF) GridWorX Viewer, series will be grouped if they are on different axes. Previous to this change, if bar plots were on different axes, they would appear overlapped or stacked. Now they appear clustered. (Only series of the same plot type can be grouped. This behavior has not changed.)	10.96.1 Critical Fix Rollup 1
78239	When exporting data from the HTML5 GridWorX Viewer, the results are no longer formatted. This is now consistent with the export in the desktop (WPF) GridWorX Viewer, and avoids issues where data is incorrectly formatted due to regional settings on the system.	10.96.1 Critical Fix Rollup 1
78794	Language aliases in GridWorX chart series titles are now properly translated when exporting data from the chart.	10.96.1 Critical Fix Rollup 1

## ReportWorX64 Viewer

Ref ID	Description	First Available In
79676	Enhanced the security of password transmission for logins over HTML5.	New for 10.96.2

## Schedule Control

Ref ID	Description	First Available In
80366	Made the HTML5 Schedule Control's default background color consistent with the desktop (WPF) implementation.	New for 10.96.2

## Table Control

Ref ID	Description	First Available In
79729	In the HTML5 Table Control, the filter icon did not change color when a filter was applied in runtime. This has been resolved.	New for 10.96.2

## TrendWorX64 Viewer

Ref ID	Description	First Available In
76363	X-axis tick mark labels now wrap rather than overlap each other.	New for 10.96.2
78454	If the HTML5 TrendWorX64 Viewer is connected to an asset that has a configured time zone, the TrendWorX64 Viewer now correctly uses that time zone.	New for 10.96.2
79529	In the HTML5 TrendWorX64 Viewer, the pen description is now requested as a data tag. This is now consistent with the desktop (WPF) implementation.	New for 10.96.2
79796	When using the Edit Pen command to change the Time Shift property in an HTML5 TrendWorX64 Viewer, the historical data was not reloaded. This has been resolved.	New for 10.96.2
79801	Resolved problems rendering the Custom Summary Axis (configured on the chart's Summary tab) in the HTML5 TrendWorX64 Viewer. Depending on the version either the TrendWorX64 Viewer would not be rendered, or the entire display would be unable to load.	New for 10.96.2
79886	Resolved an issue causing the cursor to jump around randomly, especially when drilling into a chart.	New for 10.96.2
80643	The HTML5 TrendWorX64 Viewer would display invalid pens in the tooltip, even if "Show invalid pens" was disabled in the TrendWorX64 Viewer configuration. This has been resolved.	New for 10.96.2
76072	The HTML5 TrendWorX64 Viewer now auto-scales properly even when there is only one sample present.	10.96.1 Critical Fix Rollup 1
78957	Resolved an issue introduced in 10.96.1 causing the Time Shift property to not take effect for negative numbers (such as "- 1 Hour"). This issue affected the TrendWorX64 Viewer in all platforms.	10.96.1 Critical Fix Rollup 1
79155	Resolved an issue where selecting a day in the Time Navigation dialog's calendar would not always correctly choose 12 AM as the start of that day.	10.96.1 Critical Fix Rollup 1

## MobileHMI Server

Ref ID	Description	First Available In
79997	Resolved a crash in the MobileHMI Point Manager that would happen if there were images configured with null or duplicate names under MobileHMI > Configuration > Images. (Since the MobileHMI Point Manager usually runs in-process, this would usually present as a crash FrameWorX.)	New for 10.96.2

## Platform Services

### Commanding

Ref ID	Description	First Available In
77042	Previously, if a Batch command contained a Load Graphical Display command followed by a command that interacted with the display that was just loaded (such as a Select Element command), the second command may not have executed properly in all cases. This has been resolved - the Load Graphical Display command now properly reports to the caller when the load has completed so that further commands can more reliably interact with the loaded display.  This was resolved for both desktop (WPF) and HTML5 displays.	New for 10.96.2

### Expressions

Ref ID	Description	First Available In
78829	There was an unintentional change in the way expressions handled bad quality tags. This could cause some odd behavior for process points and dynamics, such as a bad quality tag appearing as blank instead of the point fail character and color dynamics being applied when they should not have been. This has been resolved - bad quality tags in expressions should now behave as they did in 10.95.x.  This issue was in the expression engine, but the effects would have been easiest to notice in desktop (WPF) GraphWorX64 displays utilizing expressions.	New for 10.96.2
79794	The tonumberbase function can now convert hexadecimal numbers that are not prefaced with "0x" (example, "0B" instead of "0x0B"). Previously, attempting to convert a hexadecimal number without the "0x" prefix returned bad quality.	New for 10.96.2
78350	Resolved an issue where the expression engine no longer recognized nested dollar-quotes ("\$\$") as valid syntax. This behavior unintentionally changed when moving from 10.95.x to 10.96 and has now been restored to the 10.95.x syntax.	10.96.1 Critical Fix Rollup 1

### FrameWorX

Ref ID	Description	First Available In
79432	When acknowledging alarms on third-party OPC UA servers, if the third-party server did not return the ConditionName then the ICONICS security check would fail when determining if the user is allowed to acknowledge the alarm, preventing the acknowledgement from functioning. (This check happens even if security is not enabled, so acknowledgements would always fail for these third-party servers.) The security check has been enhanced so it no longer fails, however the lack of a ConditionName may still prevent a user from acknowledging an alarm when security is being enforced for alarm acknowledgments.  Note, OPC UA specifications state that the ConditionName should be returned, so this situation should not happen with fully compliant OPC UA servers.	New for 10.96.2
78461	Resolved an issue preventing communication when the FrameWorX communication was configured to use WS HTTP and a client certificate was used. This could prevent remote applications from receiving a license, preventing them from working altogether.	10.96.1 Critical Fix Rollup 1

### Global Aliases

#### Workbench Provider

Ref ID	Description	First Available In
77318	Resolved an issue with global colors where the color was not being properly read if the color name ended with a space. Now, spaces are not allowed at the beginning or end of color names.	New for 10.96.2

## OPC UA

Ref ID	Description	First Available In
80181	In the unlikely event that an OPC UA server alias used in a point was not created until the point was already in runtime, the point would not receive an update until FrameWorX was restarted. This has been resolved - now as soon as the alias is created in the OPC UA Network configuration, preexisting point using that alias will begin working.	New for 10.96.2

## Security

### Workbench Provider

Ref ID	Description	First Available In
77300	The legend on the Time Sheet tab of policies has been corrected. It was reporting the wrong colors for "allow" and "deny".  In security configurations where the global settings were configured to synchronize with a specific Active Directory group and had "Show all groups of every user" disabled, opening the form for a user would throw an error and not populate the "Groups" field. (The form would otherwise be usable.) This has been resolved.	New for 10.96.2
79125	When this issue occurred, the error that was shown said, "Cannot get list of Roles - Object reference not set to an instance of an object."  This problem was only observed when synchronizing with Active Directory, but it may have occurred when synchronizing with Azure Active Directory. The problem should be solved for Azure Active Directory syncs as well.	New for 10.96.2

## Unified Data Manager

Ref ID	Description	First Available In
79701	Resolved an issue preventing Unified Data Manager expressions from resolving tags coming from the SNMP point manager.	New for 10.96.2

## WebAPI

Ref ID	Description	First Available In
79799	Voice Machine Interface "custom skills" would reply with an error message if the configured reply message contained a dynamic tag value. This problem was introduced in version 10.96.1 and has been resolved.	New for 10.96.2

## Workbench

Ref ID	Description	First Available In
79942	On the Installation Details page, the "Version" and "Creation Time" columns would show the same information as the "Version (orig.)" and "Creation Time (orig.)" columns, respectively, even when the file in question had been patched. This has been resolved.	New for 10.96.2
	Note, these "orig." columns only appear when checking the "Show Original File Details" box.	
78883 78881	When using the "Enable and run only the services for the applications that are in the project" option under Configure Application(s) Settings > General Settings tab, some services were properly disabled. This has been resolved.	10.96.1 Critical Fix Rollup 1
78888	Previously, when creating a new active project, all ICONICS services would get set to Automatic startup type, not just the ones used in the project. Now only the services used in the project that were previously not in use are activated (startup type set to Manual or Automatic, depending on the service), and services not used by the project that were previously in use are set to Disabled.	10.96.1 Critical Fix Rollup 1

## Project Files

Ref ID	Description	First Available In
	Reporting and Recipes databases that were upgraded from a version prior to 10.96.0 may be unable to delete items. This issue has been resolved. The Reporting or Recipe database will need to be upgraded again to benefit from this fix (Workbench should prompt the user to perform this update).	
79922	When this issue occurred, the Workbench would throw an error that says:  Cannot delete the items Cannot insert the value NULL into column ' <i>columnName</i> ', table ' <i>tableName</i> '; column does not allow nulls. INSERT fails. The statement has been terminated.	New for 10.96.2
80007	Resolved an issue causing the "Import Recipe Tags" action to fail when importing certain CSV files. The error on import would be, "The selected file is not a valid file containing recipe tags".	New for 10.96.2



## Known Issues & Limitations

Ref ID	Description
79998	<p>The format of AnalytiX-BI export files changed slightly at one point, making the export files before and after the update incompatible. This unfortunate change was required to resolve an issue. Attempting to import files using the old format will result in a "Cannot import item{}\}. Error: Parent key not set correctly" error.</p> <p>As a workaround, the export files can be manually changed to be compatible with the new format. Follow these steps to update them:</p> <ol style="list-style-type: none"> <li>1. Edit your export file in Excel or a text editor like Notepad.</li> <li>2. Rename all "Data Flows" in entity paths to "DataFlows".</li> <li>3. Rename all "Data Models" in entity paths to "DataModels".</li> <li>4. Save the file.</li> <li>5. Repeat the import. It should correctly import.</li> </ol> <p>These steps are required when exporting an AnalytiX-BI configuration from one of these versions:</p> <ul style="list-style-type: none"> <li>• 10.90 and any of its update packs</li> <li>• 10.95.x systems before 10.95.6.1</li> <li>• 10.96.0 and its rollups</li> </ul> <p>And importing it into one of these versions:</p> <ul style="list-style-type: none"> <li>• 10.95.6.1 or later 10.95.x version</li> <li>• 10.96.1 or later</li> </ul> <p>(This information is also documented in the ICONICS Knowledgebase under article KB-3754.)</p>
80636	<p>On IoTWorX edge devices running Linux, if there is more than one NIC present the operating system determines which adapter is used to communicate with a given SNMP device. This means the Network Adapter setting for a network in the SNMP Workbench provider is ignored. If users are having problems exploring the network or communicating with an SNMP device on a system with more than one NIC, check the operating system's network settings.</p>
47824	<p>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.</p>
52673	<p>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.</p>
79321	<p>The AlarmWorX64 Multimedia task tray agent is no longer supported.</p>
80808	<p>GenEvent "value written to" events triggered from WPF applications running in Internet Explorer (such as Workbench running in Internet Explorer) will incorrectly show "GraphWorX64" as the client originating the event. Note that this will affect display and logging filters on the source of GenEvents. For example, events filtered to only show GraphWorX64 events will also show "value written to" events from Workbench running in Internet Explorer, and events filtered to only show Workbench events will not show these "value written to" events from Workbench in Internet Explorer.</p>
46650	<p>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.</p> <p>In the case that both the ICONICS Suite and CFSWorX standalone are installed on the same system, uninstalling one of them could damage the other installation. Either both products must be uninstalled, or the remaining product must be repaired.</p>
77725	<p>Note that CFSWorX features can be installed as part of the ICONICS Suite installation. This is the recommended configuration, rather than installing CFSWorX standalone.</p> <p>(GENESIS64 and Hyper Historian installations are ICONICS Suite installations with certain options preconfigured, so this issue and recommendation apply to those installations as well.)</p>
72897	<p>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.</p>

## Known Issues & Limitations

Ref ID	Description
58862	The BACnet trend buffer is not synchronized correctly (creating a gap in the historical trend) when the Hyper Historian Logger Service has been stopped for a period of time (at least 15 minutes, but more likely to happen the longer the logger has been stopped).
69596	Users upgrading an IoT Collector configuration from 10.95.x to this version should reconfigure their Hyper Historian tags in the following manner: tags should be placed within a folder that has a name matching the DeviceID of the IoTWorX device collecting the tags.
68302	Loading a KPIWorX dashboard with the new "Current Day" preset selected in the Calendar widget will display as a custom range instead of the preset. The range will still be the correct day, however.
63359	Esri maps are currently not supported in HTML5.
61479	Network discovery no longer works on operating systems with the latest updates. This is due to Microsoft removing the SMBv1 and Computer Browser services. These services were removed for security reasons, as they were being leveraged in ransomware and other malware attacks.
	See this Windows support article for more information on why these services were removed: <a href="https://docs.microsoft.com/en-us/windows-server/storage/file-server/troubleshoot/smbv1-not-installed-by-default-in-windows">https://docs.microsoft.com/en-us/windows-server/storage/file-server/troubleshoot/smbv1-not-installed-by-default-in-windows</a>
7451	There are currently no alternative methods for ICONICS products to use for accurate and safe network discovery. ICONICS recommends that in lieu of automatic network discovery users can add servers manually under Platform Services > FrameWorX > Network Settings > FrameWorX Network or OPC UA Network.
	For OPC Classic servers, add them under Platform Services > FrameWorX > Server Settings > GenBroker64 Settings. For the channel type (most likely "OPC over TCP/IP"), select the "Configure Nodes" icon in the first column and add your server name or IP address as a node.
78056	After updating the software license, including activating the trial license, the ICONICS License Service must be restarted for changes to the licensing to take effect. The License Utility will attempt to restart the License Service automatically, but if it cannot, such as if the License Utility lacks the necessary permission level, the user will need to restart the ICONICS License Service manually.
79462	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.
	On Windows 7 and Server 2012 systems the ICONICS services can take an excessively long time starting (ten minutes or more). This can delay services necessary to allow connections via Remote Desktop or Hyper-V console, meaning it can take over ten minutes before the system can be accessed.
55389	The workaround for this issue is to change the startup type for some services to Automatic (Delayed). Use the Services control panel or the Configure Services dialog in Workbench to change any ICONICS service running as Automatic (except the ICONICS License Service) to Automatic (Delayed). The ICONICS License Service should be left as Automatic. The ICONICS services will still be slow to become responsive, but users will be able to remote into the system in the meantime.
81025	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.
	When using PowerShell cmdlets to add energy calculations to meter tags, the related AssetWorX equipment properties (including their connection to Hyper Historian) are not automatically created. The user will have to create these properties manually or with additional PowerShell cmdlets.



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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