

ICONICS 10.96

Critical Rollup 1

Release Notes | ICONICS Suite™

March 2020



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Introduction to Release Notes for 10.96 Rollup 1

This edition of Release Notes documents the changes made for 10.96 Critical Fixes Rollup 1. It includes both fixes and enhancements.

AnalytiX

AnalytiX-BI

Ref ID	Description
73320	Resolved an issue causing the AnalytiX-BI server (FwxBiService.exe) to crash (System.NullReferenceException) when the user attempts to browse a data table source that uses an asset dimension as a data source.
74121	Resolved a rare issue causing the AnalytiX-BI server (FwxBiService.exe) to crash (System.InvalidOperationException).
74679	Filter blocks could occasionally throw an exception (AggregateException) and cause the data flow to fail. This would be an intermittent problem, occurring only some of the time for the same data flow. This problem could also result in high CPU usage of the AnalytiX-BI server after running for a period of time when filter blocks were in use.
	This exception and excessive CPU usage has been resolved.

Workbench Provider

Ref ID	Description
73321	Some 10.95.x AnalytiX-BI configurations containing a data flow with a remove column step could cause the upgrade database process to fail with a System.NullReferenceException error. This was more likely to happen with AnalytiX-BI configurations created in early 10.95.x versions.
72889	

ReportWorX64 & ReportWorX64 Express

ReportWorX64 Express & Excel Add-In

Ref ID	Description
73153	Resolved a "Cannot initialize the context menu, a resource is missing, and the application will not work as expected" error when loading the ReportWorX64 Excel add-in. This error would only happen in newer builds of Excel (1902 Build 11328.20480 or later).

Data Connectivity

GridWorX

Viewer

Ref ID	Description
74466	Resolved an issue that could cause alarm and grid controls to not load properly with specific configurations involving hidden viewers and loading the viewer configuration file using global aliasing.

Workbench Provider

Ref ID	Description
72890	Resolved an InvalidOperationException error that could appear when upgrading GridWorX configuration databases containing a data source that was linked to a nonexistent data source.

Modbus Point Manager

Workbench Provider

Ref ID	Description
73088	<p>This error would appear when attempting to browse Data Connectivity > Modbus > Address Space or Channels:</p> <p>Cannot complete browse operation [System.InvalidCastException] Error reading a row from the table 'MB_Channels'. Error reading the column 'IgnoreUnitID' as data type 'Bit'. The value in the database is 'int' [System.InvalidCastException] Error reading the column 'IgnoreUnitID' as data type 'Bit'. The value in the database is 'int'</p> <p>This error would only occur in Modbus configuration databases that were upgraded from 10.95.x.</p> <p>Note that simply applying the critical fix rollup will not repair a Modbus configuration database. 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 applying the critical fix rollup.</p>

GENESIS64

AlarmWorX64

Logger

Ref ID	Description
74055	Resolved an issue preventing the AlarmWorX64 Logger from properly using Azure SQL logging databases. TraceWorX would show "Invalid connection string attributes" when attempting to log to an Azure SQL database.

Viewer

Ref ID	Description
74466	Resolved an issue that could cause alarm and grid controls to not load properly with specific configurations involving hidden viewers and loading the viewer configuration file using global aliasing.

AssetWorX

Workbench Provider

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

TrendWorX64

Viewer

Ref ID	Description
73176	Drag and drop wasn't working with a target of the TrendWorX64 Viewer. This has been resolved.

Hyper Historian

MergeWorX

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

Workbench Provider

Ref ID	Description
74485	Resolved a crash (System.InvalidOperationException) in Workbench that would occur when opening Historical Data > Hyper Historian > System Administration > Archiving Management.

IoTWorX & Internet of Things

Ref ID	Description
74618	Resolved a deserialization issue in the JSON encoder/decoder.

KPIWorX

Ref ID	Description
73206	Resolved an issue causing emails sent from KPIWorX using the "share" functionality to be sent with no attachments.
73207	

MobileHMI & HTML5 WebHMI

HTML5, iOS, Android

Ref ID	Description
72928	Resolved an issue that could cause HTML5 displays to randomly refresh.
74801	The first time a user connects with a new device to a MobileHMI or HTML5 server where web login is enabled they may get redirected to a 404 file not found page. This has been resolved.

AlarmWorX64 Viewer

Ref ID	Description
72782	The HTML5 AlarmWorX64 Viewer's "Acknowledge Selected" context menu option would allow the user to bypass the acknowledge dialog even if the "Force Comment" or "Always show Ack Dialog" settings were enabled. This has been resolved - now the "Acknowledge Selected" context menu option will bring up the acknowledge dialog in these cases.
73111	The HTML5 AlarmWorX64 Viewer and GridWorX Viewers now respect the IsScrollAsynchronous advanced property of the grid object. The HTML5 viewers should now behave the same as the desktop (WPF) viewer with respect to scrolling. Users who want to see the scrolling as it was in the original 10.96 release should set IsScrollAsynchronous to false. Users who want to see scrolling as it was in version 10.95 should set IsScrollAsynchronous to true (default).

EarthWorX

Ref ID	Description
73204	Resolved an issue that would sometimes cause pushpins using the clone dynamic to not be properly cloned.

Fault Viewer

Ref ID	Description
73297	Resolved an intermittent issue that could cause the Fault Viewer or Table controls to appear blank the first time a page was loaded since the HTML5 engine was started on the server.

GraphWorX64

Ref ID	Description
72678	Resolved an issue with HTML5 screens where an object with a background color of "none" placed over a pick action will block the pick action. This is inconsistent with the behavior of desktop (WPF) screens. This was listed as a known issue in 10.96 (reference ID 72678).
73096	Selecting or double-clicking a pick action no longer executes the drag and drop pick action. This is now consistent with the desktop (WPF) platform's treatment of drag and drop pick actions.
73100	Resolved an issue that could cause tooltips to fail to resolve. This usually occurred when the tooltip included a global alias that resolved to part of a tag name or a whole tag name.
73143	Resolved an issue preventing panning in zoomed displays.
74248	Clone dynamics in HTML5 displays did not always correctly increment the instance number alias when there was a clone dynamic inside a panel (like a grid or stack panel) inside another clone dynamic. This has been resolved.

GridWorX Viewer

Ref ID	Description
73111	The HTML5 AlarmWorX64 Viewer and GridWorX Viewers now respect the IsScrollAsynchronous advanced property of the grid object. The HTML5 viewers should now behave the same as the desktop (WPF) viewer with respect to scrolling. Users who want to see the scrolling as it was in the original 10.96 release should set IsScrollAsynchronous to false. Users who want to see scrolling as it was in version 10.95 should set IsScrollAsynchronous to true (default).
74033	Improved the placement of labels on pie charts.
74254	Resolved an issue that would sometimes cause an HTML5 GridWorX Viewer to fail to load data.

Table Control

Ref ID	Description
73297	Resolved an intermittent issue that could cause the Fault Viewer or Table controls to appear blank the first time a page was loaded since the HTML5 engine was started on the server.

Platform Services

FrameWorX

Ref ID	Description
73131	For subscriber connections, an item named "OPC UA PUBSUB" became available as the default decoder when "Enable compatibility with ICONICS clients" was disabled. This was not a usable decoder and has been removed from the list.
73332	Resolved an issue causing the "Redundant Point Managers" item to be missing from the MonitorWorX64 Viewer's Redundancy tab. This issue also caused FrameWorX Server to log this error to TraceWorX: "Error creating RedundancyProvider 'Ico.FwxServer.Redundancy.OutprocPMRedundancyProvider' from assembly 'FwxServerRedundancy'."
74206	Resolved an issue with the out of bounds error checking in FrameWorX Server.

GenBroker64

Ref ID	Description
74209	Resolved an issue with the out of bounds error checking in GenBroker64.

Security

Ref ID	Description
74451	Users were unable to view alarms in the AlarmWorX64 Viewer or Data Explorer when security was enabled in Active Directory mode, even if the user should have been granted the appropriate permissions. This has been resolved.

WebAPI

Ref ID	Description
74746	Made an optimization to the WebAPI engine to avoid unnecessary resource usage when the same user was logged into multiple devices.

Workbench Provider

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

Workbench

Ref ID	Description
73219	Resolved an issue that can result in unencrypted database connection strings being logged into TraceWorX by the Workbench point manager.
73221	Resolved a "ParentKey not set correctly" error that would occur when attempting to apply changes to items under Platform Services > FrameWorX > Server Settings. This error would only occur with FrameWorX configurations that were upgraded from 10.95.5. Note that simply applying the critical fix rollup will not repair a FrameWorX configuration database. To completely resolve this issue the user must restore the FrameWorX configuration to a backup from before the upgrade and then upgrade it again after applying the critical fix rollup.
73331	Files in the Project Files provider were ignored while unpacking, having to be manually restored using the "Restore archive files" option in the Project Files provider. This has been resolved - Project Files selected in the unpack wizard are now properly restored.
74154	File extensions are now verified in Project Files before they are restored via Workbench or the Pack and Go unpack utility.
74211	Resolved an issue with the Workbench deserialization code.

Workbench Classic

Ref ID	Description
74393	Resolved an issue with the Workbench Classic deserialization code.

Known Issues & Limitations

Ref ID	Description
n/a	Energy AnalytiX has been temporarily held out of the initial release of version 10.96 while we make some significant updates. Look for the new and improved Energy AnalytiX to be re-introduced in a future update. Please contact your local sales representative or email info@iconics.com with questions or feedback.
58862	The BACnet trend buffer is not synchronized correctly (creating a gap in the historical trend) when the Hyper Historian Logger Service has been stopped for a period of time (at least 15 minutes, but more likely to happen the longer the logger has been stopped).
71557	For BACnet, having more than one port enabled on a single network interface is not currently supported.
72799	When using multiple global aliases in a data tag in GridWorX, the data might not be loaded correctly when the display is opened on the machine.
65318	In a redundant scenario with a single AlarmWorX64 Logger but two logging databases, store and forward files will not be loaded into the secondary logging database.
52673	The AlarmWorX64 MMX configuration is not supported in a Unified Configuration Database. The AlarmWorX64 MMX configuration database must be in a separate database.
72819 72861	The CFSWorX dispatcher dashboard display is not currently supported in HTML5. It should be used in the desktop (WPF) GraphWorX64.
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.
72454	The MergeWorX service can crash when using an empty data point column in the input CSV file or an empty output point in the MergeWorX tag.
64954	Sending IoT Analyzer fault incidents to FDDWorX via IoT Hub and MQTT broker is not currently supported. Fault incidents can be sent by Platform Services (FrameWorX) communication. This support is planned to be implemented in a future version.
	BACnet connectivity for the 10.96 IoTWorX edge devices will be introduced in a future update.
67844	Note that users who require BACnet connectivity can continue to use the 10.95 version of the IoTWorX edge software, and that version 10.96 servers can communicate with and deploy to 10.95 edge devices. Please contact your local sales representative or email info@iconics.com with questions or feedback.
72687	When deploying a new IoT Analyzer configuration to a device, the IoT Analyzer may not pick up the online changes. You need to restart the container.
	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.
72771	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 10.96 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.
	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.
61479	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

Known Issues & Limitations

Ref ID	Description
	<p>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.</p> <p>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.</p>
39489	Due to a license performance enhancement, it is advised to restart the license service and FrameWorX services after applying a new license. Alternatively, the end user can reboot the PC.
55389	There is a known Workbench issue where the user may not be able to replace a tag when a form is maximized. To work around this, the user can drag and drop the tag, manually enter it, or copy and paste it.



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