

ICONICS 10.96.1

Critical Fixes Rollup 1

Release Notes | ICONICS Suite™

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Introduction to Release Notes for 10.96.1 Rollup 1

This edition of Release Notes documents the changes made for 10.96.1 Critical Fixes Rollup 1. It includes both fixes and enhancements.

AnalytiX

AnalytiX-BI

Ref ID	Description
78771	Resolved an issue introduced in 10.96.1 that could cause AnalytiX-BI to freeze or hang when retrieving records from data flows.

ReportWorX64 & ReportWorX64 Express

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

Data Connectivity

BACnet

Ref ID	Description
79172	Resolved an issue causing slow response from the BACnet point manager. This included displaying BACnet presentValue data in runtime, expanding items in the BACnet provider in Workbench, and browsing for BACnet data in the data browser.
79200 79202	Resolved issues that could cause a device to not return any objects on discovery if the device didn't have segmentation support or had a large number of objects (thousands).
79295	Network Discovery now returns "Device: <i>ID</i> " 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.

GridWorX

GridWorX Server

Ref ID	Description
79170	Resolved a rare issue that can cause the GridWorX server to stop responding (hang).

GridWorX Viewer

Ref ID	Description
78756	Expressions for commands using dateparts of datetime fields in the GridWorX Viewer could return incorrect values when using non-US regional settings. This has been resolved.

Web Services

Ref ID	Description
78669	<p>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.</p> <p>[System.InvalidOperationException] Cannot create a connection to the web service. Error Details: Object reference not set to an instance of an object.</p>

GENESIS64

AlarmWorX64 Viewer

Ref ID	Description
78922	When a filter is used for both historical and realtime alarms, the "area" field is ignored for historical alarms. "Area" is not supported for historical alarms, so this allows the filter to be used by both realtime and historical at the same time. Filters configured this way should use the "Field" property and the appropriate attribute (Attribute 4 in the default logger configuration) to filter by area.
78938	Resolved an issue in the AlarmWorX64 Viewer that could cause language aliases to fail to resolve once a user has logged into security with a user that has that default language.

AlertWorX

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

AssetWorX

Ref ID	Description
79080	Resolved an issue causing the AssetWorX cache to stop working after upgrading a system from a 10.95.3 or earlier version to 10.96.1. When this problem would occur, the asset properties would return "Bad - Resource Unavailable", and TraceWorX would log this 800-level error: "Database cache: error opening or initializing cache table".

Controls

Table Control

Ref ID	Description
78709	<p>Added new properties for columns: Text Wrapping, Header Text Wrapping, Text Trimming, Header Text Trimming. "Wrapping" defines when text that doesn't fit into a cell will continue on the next line. "Trimming" defines how text overflowing a cell would be truncated or finished with an ellipsis (...). They apply to text in the cells or the header.</p> <p>These properties can have these values:</p> <p>Wrapping</p> <ul style="list-style-type: none"> * None - No wrapping. * Wrap - Text will wrap to the next line. * Wrap with Overflow - Text will wrap to the next line at a natural breakpoint in the text. If a natural breakpoint cannot be found, text will overflow. <p>Trimming</p> <ul style="list-style-type: none"> * None - Overflowing text is simply truncated. * Character Ellipsis - Overflowing text will end with an ellipsis, which is placed behind the last letter. This may result in incomplete words. * Word Ellipsis - Overflowing text will end with an ellipsis, which is placed behind whole words.

TrendWorX64 Viewer

Ref ID	Description
78662	Resolved an issue introduced in 10.96.1 causing the Time Shift property to not take effect for negative numbers (such as "-1 Hour"). This issue affected the TrendWorX64 Viewer in all platforms.

EarthWorX

Ref ID	Description
78304	Resolved a crash when opening GraphWorX64 displays containing EarthWorX Viewers with OGC/WMS map layers that were configured in version 10.95.

GraphWorX64

Ref ID	Description
78670	Improved the SVG import when the imported SVG file contained gradient units of "userSpaceOnUse" (meaning the gradients were intended to be relative to the coordinate space of the parent viewport). This change can also improve other uses of "userSpaceOnUse" in SVGs beyond gradients.
79045	WPF GraphWorX64 running in Internet Explorer was not generating GenEvents when writing to process points. This has been resolved.

Hyper Historian

Logger

Performance Calculations

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

IoTWorX & Internet of Things

Workbench Provider

BACnet

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

KPIWorX

Ref ID	Description
78929	OGC/WMS map layers in EarthWorX Viewers or the KPIWorX Map component that were configured in version 10.95 would not render. This has been resolved.

MobileHMI & HTML5 WebHMI

HTML5, iOS, Android

Ref ID	Description
78708	Resolved a rare memory leak (that could eventually lead to a crash) of the HTML5 engine. This problem was related to FrameWorX connections that were not being properly disposed when displays were closed.
78760	Resolved an HTML5 crash (System.NullReferenceException) that would cause displays to reload. This crash was related to the use of the GridWorX Viewer.

AlarmWorX64 Viewer

Ref ID	Description
78655	Resolved two styling issues with borders in the HTML5 AlarmWorX64 Viewer. First, the control always had an additional black outer border. Second, when horizontal grid lines were shown, they were always black. The outer border and horizontal grid lines now obey the border color configured in the viewer.

EarthWorX

Ref ID	Description
78929	OGC/WMS map layers in EarthWorX Viewers or the KPIWorX Map component that were configured in version 10.95 would not render. This has been resolved.

GraphWorX64

Ref ID	Description
78638	Resolved an issue where a scrollable panels or control inside of a scroll panel could create an inconsistent scrolling experience, such as jumping back to the original spot when the scroll was released.
78639	Resolved an issue preventing scrolling in a scroll panel when the mouse or finger was at the top of a table. (Tables are used in controls such as the GridWorX Viewer, AlarmWorX64 Viewer, the TrendWorX64 Legend, and more.)
79033	Resolved an issue where the process point state selector ignored the order of state conditions. This resulted in behavior that was inconsistent with desktop (WPF) GraphWorX64. The state selector behavior is now consistent between the two formats.

GridWorX Viewer

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

TrendWorX64 Viewer

Ref ID	Description
78627	The HTML5 TrendWorX64 Viewer now auto-scales properly even when there is only one sample present.
78662	Resolved an issue introduced in 10.96.1 causing the Time Shift property to not take effect for negative numbers (such as "-1 Hour"). This issue affected the TrendWorX64 Viewer in all platforms.
79097	Resolved an issue where selecting a day in the Time Navigation dialog's calendar would not always correctly choose 12 AM as the start of that day.

Windows 10 App (UWP)

Ref ID	Description
78662	Resolved an issue introduced in 10.96.1 causing the Time Shift property to not take effect for negative numbers (such as "-1 Hour"). This issue affected the TrendWorX64 Viewer in all platforms.

Platform Services

Expressions

Ref ID	Description
78330	Resolved an issue where the expression engine no longer recognized nested dollar-quotes (\$ " \$) as valid syntax. This behavior unintentionally changed when moving from 10.95.x to 10.96 and has now been restored to the 10.95.x syntax.

FrameWorX

Ref ID	Description
78462	Resolved an issue preventing communication when the FrameWorX communication was configured to use WS HTTP and a client certificate was used. This could prevent remote applications from receiving a license, preventing them from working altogether.

Workbench

Ref ID	Description
78552	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.
78553	
78619	Previously, when creating a new active project, all ICONICS services would get set to Automatic startup type, not just the ones used in the project. Now only the services used in the project that were previously not in use are activated (startup type set to Manual or Automatic, depending on the service), and services not used by the project that were previously in use are set to Disabled.

Known Issues & Limitations

Ref ID	Description
67774	Energy AnalytiX has been temporarily held out of version 10.96.x while we make some significant updates. Look for the new and improved Energy AnalytiX to be re-introduced in a future update. Please contact your local sales representative or email info@iconics.com with questions or feedback.
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.
79321	The AlarmWorX64 Multimedia task tray agent is no longer supported.
46650	There is a known issue that may cause the TrendWorX32 Logger configurator to become unable to connect to the TrendWorX32 Logger Engine when running GENESIS32 and GENESIS64 together and after uninstalling GENESIS64. A reregistration of the TrendWorX32 Logger will mitigate this issue.
77725	In the case that both the ICONICS Suite and CFSWorX standalone are installed on the same system, uninstalling one of them could damage the other installation. Either both products must be uninstalled, or the remaining product must be repaired. Note that CFSWorX features can be installed as part of the ICONICS Suite installation. This is the recommended configuration, rather than installing CFSWorX standalone. (GENESIS64 and Hyper Historian installations are ICONICS Suite installations with certain options preconfigured, so this issue and recommendation apply to those installations as well.)
72771	If the edge device cannot connect to the IoT Hub for a period of time, messages older than two hours are removed from the queue and are not published into the IoT Hub after reconnection. This will cause gaps in data collection if the device is disconnected for more than two hours. 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.

Known Issues & Limitations

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.



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ICONICS is leading the way in cloud-based solutions with its HMI/SCADA, analytics, mobile and data historian to help its customers embrace the Internet of Things (IoT). ICONICS products are used in manufacturing, building automation, oil and gas, renewable energy, utilities, water and wastewater, pharmaceuticals, automotive, and many other industries. ICONICS' advanced visualization, productivity, and sustainability solutions are built on its flagship products: GENESIS64™ HMI/SCADA, Hyper Historian™ plant historian, AnalytiX® solution suite, and MobileHMI™ mobile apps. Delivering information anytime, anywhere, ICONICS' solutions scale from the smallest standalone embedded projects to the largest enterprise applications.

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