

ICONICS v10.95.4

Resolved Issues – ICONICS Suite

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AnalytiX

AnalytiX BI

61199	In previous releases, clicking the "Refresh Schema" button for a Data Table would remove any expression columns. This issue has been resolved.
61462	The BI Server Data Flow GridWorX Point Builder now maintains configured parameters after closing and reopening the Data Model tab.
61518	CustomIdentifier and Description fields are now exposed for Assets Dimension filtering.
61605	When using a block with a "DataValue" as an output schema (i.e. Data Reader and Historical Reader blocks), this error could occur: "Unable to cast object of type '<type>' to type 'System.String'". This issue has been resolved. Note, the "unable to cast" error may still occur for blocks reading multiple tags and the tags have different data types. The solution for this situation is to use a Change Data Type step after the read. ICONICS is investigating better solutions to this for future releases.
61607	Resolved an issue that would cause views to fail to execute if the view had inline expressions that reference column(s) from another view.
62207	Resolved an "Asset path is invalid" error when attempting to add a Dimensions -> Asset step to a data flow using a point name that contained a server prefix (such as "\\ServerName\ac:...").
62293 62291	The Data Sources -> Asset Property Value step in a data flow has been enhanced to have two new properties. "Property-Read batch size" controls how many properties will be requested from AssetWorX at the same time, and "Property-Read timeout" specifies how long after the read to wait before the operation times out. Adding these properties should help optimize the performance of the Asset Property Value step when handling a large number of input paths.
62304	BI Server queries failed to execute when selecting from a view and using a WHERE clause that is not specified in the select list. This has been resolved.
62339	Added a timeout for loading tasks to avoid issues where the BI server can get stuck and stop loading or refreshing data. The default timeout for loading tasks is 60 seconds. It can be changed by editing C:\Program Files\ICONICS\GENESIS64\Components\FwxServer.PointManagers.config. Search for "BiPointManager". In the <Params> section under it, add these lines: <pre><Param> <Name>DataLoadTimeoutSec</Name> <Value xsi:type="xsd:int">60</Value></pre>

	</Param> Adjust the value accordingly. Once the config file has been edited, this value can be changed by modifying the DataLoadTimeoutSec parameter under Platform Services Configuration -> Point Managers tab -> BI Server Point Manager.
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BridgeWorX64 & Workflows

51399	In the Facility AnalytiX provider, during file import, the list of parameters is now checked against the "<< >>" fragments of the expression. An error is raised if a parameters mismatch is detected, then the fault entry is rejected. Previous to this improvement, badly formatted imports might have been allowed, but the incorrect parameters did not work correctly. The error now helps users to find the problem quicker.
61553	New BridgeWorX64 configurations created with Update 4 or later allow having Global Variable and Local Variable folders with the same name. Configurations created prior to Update 4 still have this limitation.
61562	The Data Set Reader block now recognizes BI Data Flow input parameters.
61650 61651 61652 61653 61654 61655 61656 61660 61662	Added a timeout setting to these blocks: CSV file reader, XML file reader, data set reader, historical input, CSV file output, condition, send email, file transfer, and generate report.
61832	Added a "Log Only Failed Transactions" option to configured transactions.
61833	Added an "Archive only succeeded transactions" option to the Archiving section of a BridgeWorX64 configuration.
62029	Several changes were made to reduce the chances that a transaction thread could hang indefinitely. Activity traces for transactions are now stored in memory instead of SQL Server until they are written out to a file. In order to avoid infinitely looping transactions from consuming all of the memory of a system, a limit to the activities kept in trace was added. This limit defaults to 500 per transaction instance, and can be modified per transaction with the new "Maximum activities logged" setting.

	In addition, configurable activity timeouts were added for DA Reader, DA Bulk Reader, Data Set Reader, DA Writer, DA Bulk Writer, Data Manipulator, Bulk Data Manipulator, and Data Set Transform blocks. A timeout value of zero means no timeout. If an activity runs longer than its configured timeout, it will fail with the error of "Timeout." (Note that if the overall transaction timeout has been exceeded, an individual activity may wind up being timed out before its individual timeout timer has expired.)
62051 62052 62053 62054	The Workflow configurator now has a description field for Transactions, Templates, and their folders.
63645	Data Manipulator blocks could throw an "Object reference not set to an instance of an object" error when executing a data manipulator configured with a customer query with no parameters. Data manipulators for stored procedures worked fine, even without parameters. This has been resolved.

Energy AnalytiX

58679	Resolved an issue that caused the asset catalog source to default back to ac:Root even if the user specified a different machine. This caused configurations on clients to fail to be found (since Energy AnalytiX is most likely not running on the client).
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Facility AnalytiX & FDDWorX

61756	The Fault.SourceActiveTime variable was returning local time, but marked it as UTC time. This has been resolved.
62255	Improved the performance of loading fault incidents for distributed architecture.
63177	Fault expressions that contained a parameter as part of a tag name, such as {{ac:Test/test/<<PathPlaceholderValue>>}} were not parsed properly. This has been resolved.

ReportWorX64 & ReportWorX Express

57531	The "Number of Rows" property field in the Layout and Parameter configurator is now aligned on the right in ReportWorX Express.
59428	The "Protect Workbook" functionality has been enhanced. In addition to preventing the user from adding, removing, or renaming sheets in Excel reports, you are now prevented from modifying sheets in Excel reports, and PDF reports are now protected (uneditable).

61274	Resolved an issue that could occur when a template sheet name is changed more than once. Previously, this would put the sheet into a bad state that could manifest later. For example, attempting to edit the parameters of a sheet in this state could cause a new sheet to appear and the changes to not take effect.
61393	Resolved an issue that could cause less than the entire set of DA points to update for large sets of points (~150).
61439	Resolved an issue in the Layout and Parameter Configurator where mapping parameters with "View Header" unchecked would still leave a blank row where the header would have been. This prevented users from creating a table of parameters with a single header row.
61499	Resolved an issue with parameters whose value contained the '=' character. Previously, the value after the equal sign would be truncated.
61513	ReportWorX64 now respects the "tt" portion of the "d/M/yyyy hh:mm tt" date/time formatting.
61547	Fixed an issue in ReportWorX64 where reports may not properly download on remote clients.
61606	Excel formatting options now persist after data is updated. This is more consistent with our 32-bit ReportWorX product.
61799	The formatting of a cell now defaults to using Excel's settings if the Formatting field in the Layout Editor is left blank.
62140	Fixed an issue in ReportWorX Express where update queries could run excessively slow and the results could appear in incorrect cells.
63342	The ReportWorX64 server would hang when a trigger would execute a report with a title that contained an expression. This issue has been resolved.

ConverterWorX

61721	Resolved an error in converting TrendWorX32 data to Hyper Historian when the source database contained multiple rows with the same Table_Name in the TWX_Global table. Also enhanced the conversion so as not to overload FrameWorX when converting very large databases.
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GENESIS64

59260	The grid object used in the Asset Navigator, ReportWorX64 Viewer, and AlarmWorX64 Viewer's list view has been enhanced to allow auto-sized columns to shrink as well as expand.
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AlarmWorX64

Logger

61758	Resolved an issue that could cause the attributes subscribed by the AlarmWorX64 Logger to change when moving the logger configuration to another system.
62119	Resolved an issue where the incorrect list of attributes was presented in the AlarmWorX64 Logger when subscribing to an alarm server via the FrameWorX network. Attempting to use these incorrect attributes would result in only the standard columns being logged.
64527	Resolved issues with expression filters when they were applied to historical alarms. In both cases, the same expression filter for live alarms would work fine. The "tostring()" expression was being incorrectly evaluated, and wildcards (such as "*") were not being properly processed in the like() function if the argument containing the wildcard was a result of another function.

Server

61746	Resolved an issue that would cause the Recursive_Area_Shelve_Count DA point to incorrectly increase by two every time an alarm is shelved.
63220	Resolved an issue that could cause online configuration changes (such as deleting alarms) to prevent the alarm server DA values from updating. This would only occur when the configuration contained alarm tag names with periods in them.

Viewer

61491	Fixed a "NullReferenceException: Object reference not set to an instance of an object" crash in AlarmWorX64 that could occur when grouping based off of current values.
62305	The AlarmWorX64 and GridWorX Viewers now obey the IsTabStop property.
62306	The AlarmWorX64 Viewer's export CSV option now exports in UNICODE.

63068	Improved the performance of the AlarmWorX64 Viewer when the currently logged-in ICONICS security user was changed. Previously, the performance was such that the localsim::currentUser would take noticeably longer to update when there was an AlarmWorX64 Viewer present on the screen. Now, the localsim::currentUser should have no noticeable delay when there is an AlarmWorX64 Viewer present.
63560	The HTML5 AlarmWorX64 Viewer now allows multiple alarms to be selected at once for acknowledgement purposes.
64541	Resolved an issue preventing filters from applying to live alarm charts.
64554	Added support for the Export Data command to the AlarmWorX64 Viewer.
64562	The AlarmWorX64 Viewer can now use the ShowDialog setting when it receives a Set Time Range command.

AlarmWorX64 Multimedia

62013	Previous update packs for 10.95 had an issue when installed onto a system with a pre-existing AlarmWorX64 Multimedia configuration. The already configured alarm subscription would be replaced with a new subscription to the local alarm server and local SNMP trap server. This occurred even when the "overwrite databases" option was left unchecked. This issue has been resolved. Pre-existing configurations should not have their subscription changed when "overwrite databases" was not checked.
63210	Added support for changing the pager agent from PDU-mode to text-mode. For information on how to make this change, contact your regional Technical Support office or open a case at https://partners.iconics.com .

AlertWorX

63308	Resolved a timing issue that could sometimes cause AlertWorX alerts to not trigger after a ReportWorX64 report was generated.
63982	Added retry support to the Send Email redirector command to better handle brief communication failures, such as small network outages.

AssetWorX

61900	Improved the GenerateAlarm and GenerateHistory fields to allow parameters.
63212	Resolved an issue with the "qarray" function in AssetWorX. An aggregate of a qarray (such as "sum(qarray())") would incorrectly return bad quality if any of the constituent elements were bad quality.

Asset Navigator

32552	The ASC_DataCache table now contains additional columns: StatusCode, Timestamp, ValueType, and TextValue. These columns are populated from the AssetWorX cache, and can be used to retrieve AssetWorX cache values in SQL clients. They are never read back by AssetWorX. TextValue is only populated if the value can be converted to text.
61334	Resolved an issue where language aliases would not be resolved when they were used in the root alias of the Asset Navigator.
61698	Fixed an issue where styling rules persisted in the Asset Navigator even after being deleted.
61941	Added an option to the Asset Navigator to revert to the old search behavior where the display names were returned instead of the full asset path. To revert to the old behavior, open the Asset Navigator configuration popup, go to the Controls tab, Search section, and hit the expand arrow. Check the box for "Hide Asset Path". You may also want to change the "Results Names" option to "Show Display Names".
61984	A certain combination of actions/commands executed in quick succession could cause the Asset Navigator to draw the asset tree twice, resulting in the appearance of duplicate assets. This issue has been resolved.
61999	Resolved an issue that would prevent the default asset's default command from executing when the navigator loaded if a user's default and root assets were configured to be the same.
62089	On a FIPS-enabled machine, AssetWorX clients would see a blank tree, possibly with this message: "The current selection does not provide any data. Select a different item to visualize data." The AssetWorX Point Manager would trace this exception: "InvalidOperationException : This implementation is not part of the Windows Platform FIPS validated cryptographic algorithms." This issue has been resolved. AssetWorX now functions properly in a FIPS-enabled system.
63875	Resolved an issue that would cause the Select Asset command to appear to not unselect any previous assets when the multiselect option was enabled in the Asset Navigator.

Data Explorer

62073	Resolved a problem with the Data Explorer that could cause it to stop displaying trend data after switching between multiple trends.
63769	Data Explorer now obeys custom configured column widths for Assets or OPC tags.

EarthWorX

61353	Fixed an issue where EarthWorX Smart Pins may disappear after loading a display.
61485 64526	Resolved an issue that could cause pins to incorrectly move when zooming. This was resolved for both the WPF and Silverlight EarthWorX Viewers. [includes 64526]
61492	Reduced the CPU usage when opening custom Esri maps.
61874	Resolved an issue that could cause a hidden EarthWorX layer to not load properly when it was changed to be visible.
62272	Resolved a rare issue that could cause the EarthWorX map to occasionally fail to load. This most often happened to maps inside multiple levels of GraphWorX64 viewers.
63192	Resolved an issue with the computation of map boundaries for the default region of custom Esri maps.
63226	Resolved an XAML parse error (RuntimeCoreNet.GeneratedWrapper.CoreWrapperBase) when opening a previously saved display containing an Esri map.

GraphWorX64

61372	Resolved an issue with the web publishing wizard that could cause it to fail to convert absolute paths to relative paths.
61583	Added four new GenEvent messages relating to saving or publishing displays: * Display File Save Success (Severity=600 (OperatorChange)) * Display File Save Failure (Severity=750 (Error)) * File Web Publish Success (Severity=600 (OperatorChange)) * File Web Publish Failure (Severity=750 (Error))
61704	Resolved a NullReferenceException that would occur when the user attempted to copy (CTRL+C) from the dynamics panel while no dynamic is selected.
61932	A change in .NET Framework 4.7.1/4.7.2 caused the touch controls to stop working. This has been resolved - touch should now work both in the old and new .NET Framework versions.
62003	In previous versions, GraphWorX64 could crash when importing .dwg files containing references to external resources. This issue has been resolved.
62008	Resolved an issue where the Auto-Start Runtime checkbox in the Web Publishing Wizard did not take effect.
62260	Added support for color in labels imported from DWG files.
62416	Quick access toolbar is no longer allowed to be moved below the ribbon. This was done to avoid a problem with the ribbon component that could cause the quick access toolbar to become hidden when it was moved below the ribbon.

62429	Resolved XAML parsing errors that could occur when importing SVG files that included "textured fills" (a fill that was an image, rather than a color or gradient).
62441	Resolved a rare issue that could cause certain third-party controls to disappear when going into runtime.
63122	Added handling for an <code>eNotImplementedYet</code> exception that could be thrown when importing DWG files.
63194	When importing AutoCAD files with Attribute Text, the attribute names were imported instead of the attribute values. This has been resolved.
63236	Made improvements to the AutoCAD import that allowed AnyGlass files to better parse transforms. This should not have any effect on the WPF handling of AutoCAD files, but helped avoid issues in AnyGlass displays. (See item 63238.)
63289	If a client trying to load the WPF WebHMI pages for the first time clicks the "Skip" link on the GraphWorX64 splash screen, they will get an "Exception has been thrown by the target of an invocation" error. This has been resolved.
63310	When GraphWorX64 was running in a runtime-only client (including WPF WebHMI by default), the document level of global aliases would not initialize properly inside embedded displays. This issue has been resolved.
63493	Resolved an issue with scaling the on-screen keyboard for lower resolutions, like 1024 x 768.
63811	Resolved an issue that would cause clones to constantly regenerate at every update rate (causing a visual "flicker") when using a "valueof:" tag in the <code>NumberOfInstances</code> property of a clone dynamic.
63975	When importing AutoCAD files, imported labels' name are now equal to the original attribute names.
64009	When importing from AutoCAD DWG files, polygons, polylines, and paths will no longer be exploded. They will remain as those shapes instead of being broken into individual lines or arcs.

3D Viewport

61810	Fixed an issue within GraphWorX64 3D displays where camera views could snap to the incorrect position.
62477	Dynamics on objects inside of 3D Viewports could stop working properly when a layer existed on the display that had visible set to False, or was hidden via security. (The layer did not have to contain the 3D Viewport to trigger this issue.) This has been resolved.

63005	If two objects are in the collision state when going into runtime, the event that the collision started wasn't generated. The two objects would have to go first out of the collision state and then back into it to trigger a new event. This has been resolved.
63421	Annotations could prevent pick actions from being executed on 3D objects, even when the annotations were hidden. This has been resolved.
64731	The "On collision end" settings were not being saved when you changed the collision detection settings on a screen. The changes would only take effect until the display was closed. The next time it was opened, the change would be undone. This has been resolved.

GridWorX

Server

61633	Update 3 introduced an issue that prevented GridWorX Manipulator inline parameters from working (the tag would return "Bad Unexpected Error"). This update has resolved that issue.
61635	An issue was introduced in Update 3 where underscores in parameters in Data Source tags needed to be enclosed in quotes. Previous to Update 3, the underscore character did not cause the parameter to require quotes. This has been resolved. Quotes are no longer required.
61637	Update 3 changed the way backslashes were treated in parameter values in Data Source tags. After applying Update 3, backslashes became escape characters, meaning any existing tags that had backslashes in their parameters needed to be modified to escape the backslashes by adding a second backslash. This update reverts back to the behavior prior to Update 3. Backslashes are no longer escape characters. Note, in order to use a single- or double-quotation mark inside a parameter value, you must enclose the parameter in the opposite type of quotes. For example: db:Connection.Source<@p='my"value'> db:Connection.Source<@p="my'value">
61684	When accessing web service indexes of web services arrays, only the first index would return data. This has been resolved.
62380	Resolved a crash of the GridWorX Server that could occur when requesting Access OLEDB data.
63127	When using a stored procedure as a Data Source and adding a Data Item that used the return value parameter, the Data Item either returned incorrect data or no data. This has been resolved.

63790	GridWorX Server no longer sends unnecessary data change notifications. Previously, it could send updates to clients even though its value had not changed.
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Silverlight Viewer

61978	Resolved an issue that caused clickable links in Silverlight GridWorX Viewers to stop working.
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Viewer

61786	Added an option that allows a series to be hidden from the legend. In version 10.95.4, this option must be set manually by editing the XML of the display where the GridWorX Viewer resides, but starting in version 10.96, this will be an option in the GUI. To add this in 10.95.4, edit your .gdfx file in Notepad or another text editor, find the specific GdxSeries you want to edit, and add ShowLegend="False", like this: <pre><ig:GdxSeries ShowLegend="False" ...</pre>
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Workbench Provider

61631	Importing a GridWorX configuration no longer duplicates existing data sources. Previously, if you imported a configuration that contained a preexisting data source, the data source would be duplicated, which caused errors in runtime.
61795	Resolved a "Cannot retrieve the schema from the query" error that could occur when configuring a data source with a stored procedure that expected a variable-length string parameter (such as "varchar(10)").

Installation

57368	Resolved an issue that could prevent agents on remote nodes from being triggered by AlarmWorX64 Multimedia.
60465	Backups created by the Update Pack installation when upgrading configuration databases are now removed when the upgrade has successfully completed.

ScheduleWorX64

61366 61365	The BACnet Schedule Viewer and Workbench provider now attempt to save calendar entries by list modification instead of saving the entire property value. If the list modification fails (for instance, if it is not supported by the device), it will fall back to saving the entire property value.
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62149	Fixed a "Fail to load schedule" error in ScheduleWorX64 runtime that could occur when browsing schedules under the Actions branch of the data browser.
64534	Resolved an issue where the ScheduleWorX Viewer did not accept the correct file types when choosing the startup configuration file.

TrendWorX64

Viewer

62067	Fixed an issue where the TrendWorX64 Viewer may not allow the user to export data using the TrendWorX64 Viewer toolbar in WebHMI.
62382	The TrendWorX64 Viewer now obeys the IsTabStop property.
62462	Added the ability to set a default pen axis style. This style is set in the configuration under the Chart object on the Pens tab. When enabled, the style is used for creating new pens, both in configuration and runtime mode.
63788	Added support to TrendWorX64 Viewer to allow it to be embedded in scrollable panels.
63913	The "Apply To All Tabs" button would not properly apply the font for the legend of a chart that had been copied and pasted into a new tab.

Hyper Historian

Collector

62351	When browsing for OPC UA data via the FrameWorX network from a machine that had the 64-bit standalone Hyper Historian Collector installed, instead of standard point names of "X/Y.Z", you'd see something like "X<Organizes>Y<HasProperty>Z". This happened because the file UaTypeDescription.xml was missing from the Components directory. Update 4 now adds that file. Note that if you cannot install Update 4 for some reason you can resolve this issue by copying UaTypeDescription.xml from a system that has the ICONICS Suite (or GENESIS64, or Hyper Historian, etc.) installed.
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Logger

61588	Boolean calculated tags would sometimes randomly be recalculated so that previously True values returned as False. This has been resolved.
62492	Resolved a rare deadlock that could cause Hyper Historian to stop returning data (HDA or DA) and stops processing MergeWorX inserts.

IoTWorX

61555	Subscriber connections with "Enable compatibility with ICONICS clients" unchecked could fail to decode messages. This was known to be an issue with a custom JSON decoder and an IoT Hub connector, but it may have occurred in other situations as well. This has been resolved.
62087	Added the ability to configure whether IoTWorX subscribes to all of the sub-topics of the base MQTT topic. By default, all sub-topics are subscribed. To disable this, and subscribe only to the base topic, edit the %ProgramData%\ICONICS\IoT\Subscriber\MqttConfig.ini file. If it does not already exist, add a header in brackets with your subscriber connection name, then under it add "SubscribeSubTree=0". The final pair of lines should look something like this: <pre>[MySubscriber] SubscribeSubTree=0</pre> Note, this setting only takes effect when the "Enable compatibility with ICONICS clients" box is unchecked. Also note, the same settings can be made for the publisher by editing the same file in the Publisher directory (%ProgramData%\ICONICS\IoT\Publisher\MqttConfig.ini). The header must match the publisher connection name.
62903	Added two new settings to disable publish and priority messages. This is designed for situations where the entire set of data needs to be updated regardless of whether any values have changed since the last publish. In this case, set the refresh rate, then disable the publish and priority messages so that only the refresh is sent. To disable the publish and/or priority messages, create a file called PublishListConfig.ini in C:\ProgramData\ICONICS\IoT\Publisher\. Add these lines: <pre>[Publish List 1] DisablePublishMessages=1 DisablePriorityMessages=1</pre> Instead of "Publish List 1", use the name of the publish list from the configuration (this example assumes the list is called "Publish List 1"). In version 10.96, these settings will be added into the configuration database and Workbench instead of requiring an INI file.

63399	Added a button in the Publish List header to remove duplicates.
63650	Added a "Select All" option to the context menu to the "Configure Device Group Settings" dialog, the "Create IoT Packages" page, and the "Deploy Packages" page.
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MobileHMI

HTML5

54404	Resolved an issue in the iOS MobileHMI app that caused icograph:// URLs to not properly open the MobileHMI app.
61801	Fixed an AnyGlass crash (NullReferenceException) that could occur when reloading a MobileHMI page.
62308	Resolved an issue where clients that could not access the internet (but could still access the AnyGlass server via intranet) could not see pages.
62460	Resolved an issue preventing global alias themes from being set via the URL of AnyGlass pages.
62475	AnyGlass now better handles loss of window focus. Previously, keys and special filters were not properly cleared. This could result in behavior such as AnyGlass thinking the Alt key was still pressed after you Alt-Tabbed away from an AnyGlass browser window and returning.
62693	The dialog for choosing the target of a command when a target is not predefined was populating with extra inappropriate targets. This issue has been resolved.
62908	The web browser and the "Desktop Window Manager" process would consume excessive CPU and GPU while viewing certain displays. This issue has been resolved.
63188	When the user was prompted to log in, any global aliases set via the page URL would not be set. If the user was already logged in or security was not enabled, the aliases would work fine. This issue has been resolved.
63455	Resolved a StackOverflowException crash in GraphWorX64 or the AnyGlass engine (w3wp.exe) that could result when using a clone dynamic to duplicate an object a large number of times (~80).
63562	Resolved an issue in the parsing of local aliases that included line breaks. In previous versions, this could cause only one local alias to be set when multiple aliases were being set at the same time.
63690	Resolved an issue preventing nested pop-up menus (pop-up menu command inside of a pop-up menu) from appearing in HTML5.
64600	Resolved an "Unable to login" error message that could occur on redundant systems.

AlarmWorX64 Viewer

63173	In the GridWorX or AlarmWorX64 Viewers, when a column was clickable, the filter dropdown for that column showed the command rather than the display value. This has been resolved.
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63214	Column text alignment now functions properly in the HTML5 AlarmWorX64 and GridWorX64 Viewers.
63216	HTML5 AlarmWorX64 and GridWorX Viewers now obey the ShowHeaderFilter property.
63815	In the historical alarm viewer's "Edit Time Limits" dialog, the "From" value could not be changed. This has been resolved.

Asset Navigator

61913	Resolved an issue that would cause the Asset Navigator to fail to load in AnyGlass if the height was set to automatic.
62473	Resolved a variety of issues that could occur in the Asset Navigator relating to colors. These issues included a NullReferenceException when MouseOverBackground color is set to None, search results losing their foreground color on mouse-over when MouseOverForeground was set to a global color, and inconsistent hover style in the asset tree and search results.
63159	The Asset Navigator's ControlBorderBrush property was not used in AnyGlass. This has been resolved.
63371	Resolved an issue with the AssetWorX Navigator's context menu when using language aliases in commands. The wrong command display text could be shown.

Data Explorer

61142	Resolved an issue that could cause problems browsing for points in KPIWorX or the AnyGlass Data Explorer. The problem most often occurred for users who had configured License Exception Rules in Platform Services Configuration.
63729	Resolved an issue with the decimal separator of BACnet PresentValue items on systems that had non-English locale settings. This issue could cause values in the Data Explorer to appear to be multiplied by 1000 or more.

EarthWorX

63767	Resolved an issue that could cause the EarthWorX Viewer to load zoomed to an extreme level instead of the desired zoom. This would most often occur when the EarthWorX Viewer existed inside of an embedded GraphWorX64 Viewer that was being dynamically sized.
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FDDWorX Viewer

61760	Resolved a crash that could occur when loading a display with an FDDWorX Viewer configured with a global alias in the asset path.
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62258	The FDDWorX Viewer was treating certain columns as strings instead of numbers, causing the sorting to not work as expected. This has been resolved.
62297	In previous versions, the Facility AnalytiX Viewer in MobileHMI HTML5 could crash the AnyGlass engine when a Global Alias was used for an asset path and the display was reloaded or refreshed. This issue has been resolved.
62299	Rich text descriptions in rules are now supported on the Fault Description tab of the FDDWorX Viewer. Formatting is not currently available, but the correct text is displayed.

GraphWorX64

43848	In MobileHMI HTML5 displays, the "LineHeight" property is now respected.
60094	The DisableFill and DisableLine colors were reversed in HTML5 displays, resulting in disabled buttons that looked "reversed" from their GraphWorX64 WPF counterparts. This has been resolved.
61218	Resolved an issue that could cause an embedded HTML5 GraphWorX64 Viewer set to auto size to load as size 0 instead of matching the size of the contents.
61371	Fixed an issue in MobileHMI HTML5 where expressions defined in the "Text" property of a label would not resolve unless the expression contained a local or global alias.
61695	Update 3 introduced an issue that prevented expressions in the GlobalAliases property of displays from being re-evaluated. They were only evaluated once when the display was opened. This has been resolved in Update 4. The aliases are now updated when data sources in the expression update.
62033	Resolved a rendering issue with the Clone Dynamic in HTML5 displays.
62035	Fixed an issue with the "pressed when" trigger on a pick action. Previously, the "pressed when" trigger would execute every time the expression evaluates to true. It now behaves consistent to WPF GraphWorX64 by executing only when the expression has changed from false to true.
62461	Added support for the localsim:property:Width, localsim:property:Height, localsim:property:ActualWidth, and localsim:property:ActualHeight properties inside embedded GraphWorX64 Viewers.
62691	Resolved an issue with statefields that used a clone dynamic on its state objects and had a local alias (which might be the alias used by the clone dynamic) in the data source of the state. Statefields affected by this problem would not properly create all clones of the state object.
63151	Added support for the ApplyInitialAliasesEveryLoad property of the GraphWorX64 Viewer control.

63175	Resolved an issue with the rotation dynamic where it would stop updating after the first data update. This issue was only present in a post-release Update 3 patch.
63182	Starting in Update 3, the expression engine no longer recognized the ELSE keyword if the leading separator character was missing. For example, this expression was valid in Update 2, but not Update 3 (note the lack of a space between 1 and ELSE): <pre>x= IF {{localsim::myVar}} THEN 1ELSE 0</pre> With Update 4, this sort of expression should now be recognized again.
63184	Added support for the CurrentZoom, CurrentPanX, CurrentPanY localsim properties on GraphWorX64 controls.
63190	Update 3 introduced an issue with zooming nested GraphWorX64 Viewers. Update 4 (this update) resolves that issue.
63201	Resolved an issue in the alignment of grid panels when the columns were set to use star units, and a child with automatic size spanned the columns.
63206	Hide dynamics were not being properly evaluated on display load. This has been resolved.
63218	Resolved an issue in the Range Selector dynamic that would cause it to animate improperly, giving the appearance of lag.
63238	Improved handling of transforms in AutoCAD imported files. Previously, there could be issues in the rendering of AutoCAD files in AnyGlass, including the y-coordinate space being reversed, and text being rendered upside down.
63240	The Set View local command with a zoom type of ZoomToObject didn't zoom properly in AnyGlass when render transformations were involved. (Render transformations are most commonly created when importing AutoCAD files.) This has been resolved.
63333	The backspace key was not usable as a keyboard shortcut in HTML5 GraphWorX64. This has been resolved.
63407	Resolved issues preventing disable, hide, or clone dynamics on popup menus from working properly. One of the issues included a NullReferenceException when combining these different sorts of dynamics.
63431	Resolved an issue with split panels, where setting either the Panel1Size or Panel2Size to zero could cause the panel to not render some or all of its content.
63614	Resolved an issue with localsim properties inside embedded GraphWorX64 Viewers. The localsim properties were incorrectly bound to the parent display, not the embedded display, and may have displayed incorrect values.

63764	Resolved an issue that would cause the AutoUncheckDuration option for checkboxes to check the box after the given duration, rather than unchecking it.
63806	Resolved an issue with the GraphWorX64 Viewer where the display was not scaled properly when the container could be of variable size (such as in a split panel). (Note, this issue only occurred in a post-Update 3 patch.)
63978	Cloned popup menu items in a submenu would appear in the root instead. This issue has been resolved.
64598	Expressions can now convert from NULL to empty string.

GridWorX Viewer

61213	Font size is now respected in AnyGlass GridWorX Viewers (pie charts) and KPIWorX charts (including pie, donut, treemap, and funnel).
61840	Grouped rows in the GridWorX Viewer can now be sorted in HTML5.
61883	The pie, donut, and treemap charts no longer plot null values as zeros. Samples with null values are still visible in the legend.
62266	GridWorX Pie Charts were unable to show the percentage. They always showed the raw value. This has been resolved.
62699	Resolved two issues with the syntax of decimal numbers. First, the default notation, "Float Notation (2 digits)" did not match the format that GraphWorX64 WPF used. Second, this sort of custom formatting had not been supported: {0:0.00}
63169	GridWorX Viewer headers now wrap properly in AnyGlass.
63171	Resolved a NullPointerException that could cause the display to reload and possibly crash the AnyGlass server. This crash was related to the GridWorX chart.
63173	In the GridWorX or AlarmWorX64 Viewers, when a column was clickable, the filter dropdown for that column showed the command rather than the display value. This has been resolved.
63199	Resolved an issue where the HTML5 GridWorX chart may stop displaying data when reporting on datasets that had more than one column.
63214	Column text alignment now functions properly in the HTML5 AlarmWorX64 and GridWorX64 Viewers.
63216	HTML5 AlarmWorX64 and GridWorX Viewers now obey the ShowHeaderFilter property.
63331	Resolved an issue causing the GridWorX Viewer to fail to blink as configured. Note that there is a known issue in Internet Explorer 11 that prevents blinking from working in HTML5, but other browsers should support the blink just fine.
63660	Added support for virtual column data types.

KPIWorX

57384	There is now a clearly labeled "Open" button on the ribbon. Previously, users had to click the KPIWorX logo to get a list of their previously created displays. This was not intuitive.
61142	Resolved an issue that could cause problems browsing for points in KPIWorX or the AnyGlass Data Explorer. The problem most often occurred for users who had configured License Exception Rules in Platform Services Configuration.
61404	Fixed an issue in KPIWorX where filters applied to a grid table may not be maintained after saving and reloading a display.
61530	The Trend Widget in KPIWorX now remembers the swapped axis setting.
61543	KPIWorX now allows resizing the navigation and saved Dashboards side panel.
61566	Resolved an "Unable to create widget - object reference not set to an instance of an object" error that could occur when switching between different dashboards in KPIWorX.
61688 61559 61689 61690 61691 61692	Pie charts, categorical charts, donut charts, treemap charts, funnel charts, and tables now include a Formatting String property. These can be used to customize the format of chart data labels (such as to add thousands separators). Uses standard C# formatting strings: https://docs.microsoft.com/en-us/dotnet/standard/base-types/custom-numeric-format-strings https://docs.microsoft.com/en-us/dotnet/standard/base-types/standard-numeric-format-strings
61880	Previously, the treemap, pie, donut, and funnel charts would not be able to handle samples with negative values. Now, negative values are allowed. They still cannot be plotted due to the nature of the chart types, but they can appear in the legend and do not cause any crashes or errors.
61902	Resolved an issue that would prevent labels from working in Categorical Charts.
62128	Resolved an issue that could cause the wrong dates to be selected when choosing "Last Year" in the calendar widget if the dataset for the original time range did not have data covering the whole year.
62145	Resolved an error in the Calendar control that could cause this message: "Updating of collectors failed with: Object reference not set to an instance of an object."
63153	A calendar control linked to a column in a categorical chart will now update properly when drilling into the categorical chart.

Schedule Control

61367	The HTML5 BACnet Schedule Viewer now attempts to save calendar entries by list modification instead of saving the entire property value. If the list modification fails (for instance, if it is not supported by the device), it will fall back to saving the entire property value.
63222	Resolved an issue with the Schedule Control that could cause it not to load if the Runtime tab was not visible.
63301	Resolved an issue that would prevent a BACnet schedule from refreshing when its global aliases were updated.

TrendWorX64 Viewer

61383	Resolved an issue with the TrendWorX64 Viewer's range data source. The data source wasn't being updated when the user wrote a custom value to the tag. In the WPF TrendWorX64 Viewer, writing "StartDate;Range;" to the data source would cause it to be updated to the full formatting of "StartDate;Range;EndDate", but this was not happening in HTML5.
61528	Previously, the HTML5 TrendWorX64 Viewer did not update when global aliases in the connection parameters (select a pen -> General tab -> Connection field) were updated. This has been resolved.
61675	The Select Asset command, when targeting a TrendWorX64 Viewer, was creating DA pens when it should have been creating HDA pens. This has been resolved.
62470	The HTML5 TrendWorX64 Viewer now supports removing the selected pen via the Delete Pen command. (Previously, "Delete Pen" could only be used to delete a specific pen or all pens.)
62474	Previously, if a Hyper Historian tag's description contained a language alias and that description was pulled through an HTML5 TrendWorX64 Viewer, the description of the pen in the viewer's legend would show with double-quotation marks around it. This has been resolved.
62695	Resolved an issue causing the foreground color of the selected pen in the HTML5 TrendWorX64 Viewer's legend to be ignored.
63014	Previously, the selection boundaries of the time range in Summary View were very wide. This was done to make it easier to "grab" using a touch-capable device. However, it made it difficult to tell exactly where the range began and ended. This has been improved. The boundaries are now narrower lines. The "grab" area is still the same, so this should not affect the ease of changing the time range on touch systems.
63016	Resolved issues with the "Set Time Range" command where the summary view would not always be updated correctly.
63204	The HTML5 TrendWorX64 Viewer now supports the Show Details command.

63234	Resolved an issue with the Create Pen command where executing multiple Create Pen commands that included global aliases in their connection parameters would only resolve the aliases for the first command.
63432	Resolved an issue that could cause a backwards trend to be plotted if there was both good and bad data in the results.
63450	Resolved an issue where the HTML5 TrendWorX64 Viewer wouldn't allow a legend with size of 0 to be expanded in runtime. (This was allowed in the WPF TrendWorX64 Viewer.)
63616	The TrendWorX64 Viewer will now inherit the local time zone from the client. Previously, it would only show data logged in the time zone of the source data (usually UTC time for Hyper Historian).
63795	The HTML5 TrendWorX64 data export feature should now take the client culture into account. Previously, it was always exporting with US formatting.
63823	Added the ability to set a default pen axis style. This style is set in the configuration under the Chart object on the Pens tab. When enabled, the style is used for creating new pens, both in configuration and runtime mode.
63992	Resolved an issue that could cause axis labels to overlap each other, making them difficult to read.

Server

61220	Resolved a rare unhandled System.NullReferenceException that could result in a crash of w3wp.
62176	The 128 character limit was removed from the QR code field.

Windows 10 App

61128	Resolved a rare crash in the Windows 10 MobileHMI app that could occur when opening a display containing a TrendWorX64 Viewer.
61963	Setting global alias values multiple times in quick succession when those aliases were used by a GridWorX Viewer could cause a crash in the MobileHMI app. This has been resolved.
62436	Resolved an issue in the Windows 10 MobileHMI app that could cause the title objects in Pivot Controls to have the wrong color.
62700	Resolved an issue in the Windows 10 MobileHMI app that could cause a crash or freeze when issuing many requests for data values. This issue could also result in the app taking minutes to load children equipment in the Asset Navigator.
63429	The "toast" notifications for the Windows MobileHMI app now support Unicode characters (UTF8).

63541	Dynamic values (such as tags and aliases) can now be used in the max and min values of a GridWorX Viewer's chart's "Use specific X-Range" and "Use specific Y-Range" settings. In version 10.95.4, you must type or paste the tag names manually, but starting in 10.96, you will be allowed to browse for them.
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Platform Services

64021	Added new "heartbeat" tracing to GenBroker/GenClient communications. This tracing is designed to assist in troubleshooting issues when communication to an OPC server has failed. When enabled, it will log a trace message that says, "[Heartbeat] Elapsed: X" at the configured rate. To enable this tracing, add these entries into the IcoSetup64.ini file: <pre>[GenClient\Debug] HeartbeatTraceLevel=700 HeartbeatTracePeriod=5000</pre> HeartbeatTraceLevel is the level at which the traces will appear in TraceWorX, and HeartbeatTracePeriod is the rate, in milliseconds, of how often the heartbeat should be logged. These entries can either go into the [GenClient\Debug] or [GenBroker\Debug] sections (or both). [GenClient\Debug] affects the FrameWorX Server and GenClient Point Manager. [GenBroker\Debug] affects the GenBroker64 service. The relevant service must be restarted after making changes to these entries.
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BACnet

48238	Remote BACnet tags read through FrameWorX communication (with a tag path like: \\Server\bacnet:...) could get stuck with a status of "Bad - Invalid Argument" when the remote BACnet server is restarted. Tags would remain in this state even after the server came back online, even though, when viewed from the local machine (without the "\\Server\" prefix), the tags worked fine. Restarting FrameWorX on the BACnet server machine would restore the tags. This has been resolved.
53066	Resolved an issue that could cause BACnet to fail to reconnect to a device that has been offline for a long period of time (days). The device would still show as offline in BACnet Runtime, even though it was responding fine.
58953	Added a new Boolean alarm attribute called "BACnetEvent", which is true when a BACnet Event Notification is "NotifyTypeEvent". Otherwise, it is false.
60679	The BACnet provider in Workbench no longer attempts to subscribe to all child descriptions by default. To re-enable this feature, edit IcoSetup.ini and add or edit this entry: <pre>[BACNET\Configuration] ReadDescriptions=1</pre>

	If this feature is enabled, when you browse to a node that has children with descriptions, the BACnet Workbench provider will subscribe to BACnet Runtime to get the description.
61556	Resolved an issue where writes could take longer to process when offline devices were present in the cache. Writes no longer are blocked by the processing of offline devices.
61609	Added a number of enhancements to the BACnet EDE Generator utility: • Support for adding BACnet Device information to an existing EDE file. • Support for overwriting preexisting devices with updated information. • A new dialog with the list of all devices available in BACnet Runtime. • Support for more BACnet properties (checkboxes) to be stored in the EDE file.
61611	Added a new alarm attribute called "BACnetRuntimeID". It contains the BACnet Device ID of the specific BACnet Runtime that forwarded the alarm.
61693	Resolved a rare issue that could cause BACnet alarms being routed through AssetWorX (alarm subscription to ac:) to fail to update after a reboot. Direct BACnet alarms (alarm subscription to bacnet:) would continue working.
61930	Added a setting to allow parallel ReadProperty requests to the same device. This setting is only recommended when using devices that do not support COV, only polling. Note that setting this value too high can overload a device and cause issues. It is highly recommended to leave it at the default of 1, when possible. The setting is located in the IcoSetup64.ini file: [BACNET\Runtime] MaxParallelRequestQuantity=1
62027	Resolved an issue with BACnet's performance counters that could prevent users from subscribing to these counters with Windows Performance Monitor, and could also cause performance issues with BACnet in general.
62041	Resolved a rare issue that could cause certain BACnet configurations to be missing devices after being upgraded.
62142	The BACnet Point Manager no longer resends updates to the client if the status code hasn't changed. Previously, the same status code could be sent repeatedly. For example, if the point manager tried to subscribe to failed points every 15 seconds; previously, it would send an update to the client with the failed status code every 15 seconds.
62159	Enhanced tracing of the EDE Generator. Traces can now contain details such as the full device, object, and property information.

62161	Certain errors would not stop the EDE Generator when "Continue on Error" was unchecked. This has been resolved.
62343	Resolved an issue in BACnet that could cause tags using COV to stop receiving updates. The tags would remain good quality, but would become stale.
63179 63491	Resolved an issue that could cause BACnet tags to periodically become stale (i.e. not receive any updates, but remain at the last value with good quality) or show as bad quality (such as "Bad - Waiting for initial data" or "Bad - Communication Error").
63196	The processing of DA data updates has been enhanced so that requesting large amounts of data updates (such as when running a report with Project Reporting) has minimal effect on existing clients waiting to get their responses.
63409	Resolved an issue that could cause COV failures after restarting BACnet Runtime, due to the maximum number of COV subscriptions for the device being reached. This would happen even though the configured number of subscriptions was less than the maximum for the device.
63808	Resolved a rare issue that could cause existing clients to fail to get updates for BACnet Runtime points after a restart or crash of BACnet Runtime. When this situation occurred, new clients would get updates just fine.
63931	Made improvements to the alarm functionality of BACnet Runtime. In addition to general stability, this should address a rare issue where BACnet alarms were not properly propagating through AssetWorX after restarting the machine (bacnet: alarm subscriptions would work, but ac: subscriptions would not).
64621	BACnet alarms configured as "Binary Value" or "Change of Life Safety" would not fill in the New State Value attribute. This has been resolved.
64633	Resolved an issue where BACnet tags may give a "Bad - Waiting for Initial Data" message when the device is configured with a Service Type of "Automatic Service". Devices with Service Type of "ReadProperty" were not affected. When this issue occurred, restarting the BACnet Runtime service could temporarily resolve the issue.
64738	The processing of online versus offline devices has been improved. Previously, on systems with a lot of offline devices in the cache, re-scanning of devices in Workbench would usually fail. It may still take some time to re-scan devices when a lot are offline, but now they will be scanned.

FrameWorX

63320	Resolved an issue causing erroneous "Duplicate ID" warnings to be logged in TraceWorX for FrameWorX (OPC UA Point Manager module). A large number of these warnings could appear after recovering from a failed connection, though they were not a cause for concern. The list of IDs is now properly cleared in the case of a connection break, so this warning should no longer be logged erroneously. The warnings would look something like this: UA: opc.tcp://IPAddress:Port CreateMonitoredItems(ns=X;s=Y: Duplicate ID: Z): Good
64528	Resolved a FrameWorX crash that could occur when third-party OPC UA clients attempted to read non-existent attributes of a folder under Control and Diagnostics.
64531	Added exception handling for a rare SafeArrayTypeMismatchException that could occur in FwxGenClientService.exe when attempting to read properties from a third- party OPC Classic server via FrameWorX.

Modbus Point Manager

61206	Resolved an issue with the "Manual" setting on data items, where it could not accept arrays (such as "[1;2;3]") when the data item was set to be a vector.
61569	Resolved a crash of FrameWorX (unhandled CryptographicException in IcoFwxServer) that could occur after upgrading certain configurations to Update 3.
63228	Resolved a "Cannot insert the value NULL..." error that could occur when importing Excel or CSV files into the Modbus Workbench provider.

OData Connector

53050 61961	Implemented an option for the OData Connector where it can force "garbage collection" (GC.Collect) once a day. This memory should eventually be released by the .NET Framework on its own, but some systems may want to use this daily check to prevent the perception that the OData Connector is leaking memory or to better manage a high-memory system. The time to do the collection can be configured in Platform Services Configuration -> Point Managers -> OData Connector Point Manager -> GCCollectScheduleMinutesAfterMidnight. A value of 0 or greater will schedule the check that many minutes after local midnight has passed.
61465	Resolved an issue that would cause writes (PATCH commands) to fail during an internal periodic refresh.

61614	Resolved an issue that would prevent the OData Connector from starting if there was an equipment property at the root of AssetWorX. (Properties of the root are not supported by OData runtime, but they no longer cause it to stop working.)
62075	Improved the reading of asset properties to resolve a situation where large numbers of bad quality tags could cause the OData Connector to fail to load with an HTTP 500 error.
62096	OData Connector now returns NULL for empty data fields. Previously, it would return no record. Returning NULLs helps guarantee consistent results sets. To revert to the old behavior, go to Platform Services Configuration -> Point Managers -> OData Connector Point Manager, and set ODataRemoveAssetPropertiesWithNullValue to true.
62421	Added additional request tracing. Since this tracing can put a load on the server, it is disabled by default. When enabled, requests will be traced from start to end. Messages from the same request can be correlated as they will contain the same request id (GUID). To enable this tracing, edit C:\Program Files\ICONICS\GENESIS64\Components\FwxServer.PointManagers.config. Search for "ODataPointManager". In the <Params> section under it, add these lines: <pre> <Param> <Name>EnableRequestTracing</Name> <Value xsi:type="xsd:boolean">true</Value> <Hidden>>false</Hidden> </Param> <Param> <Name>MaxConcurrentRequests</Name> <Value xsi:type="xsd:int">-1</Value> <Hidden>>false</Hidden> </Param> </pre> The MaxConcurrentRequests property controls the number of concurrent requests that can be handled by the server. The default is -1, which means 100 times the number of CPU cores on the machine. Once the config file has been edited, these values can be changed by modifying the EnableRequestTracing and MaxConcurrentRequests parameters under Platform Services Configuration -> Point Managers tab -> OData Connector Point Manager.

63011	Requesting properties with a NULL value from the OData interface now properly returns a 204 NoContent response. Previously, it would throw a connection reset (ECONNRESET) error.
63058	Improved error handling. Previously, if the underlying dataset caused an error, the connection with the client could be severed (ECONNRESET error). Now, the connection is not reset and an HTTP 500 error response is sent back.

Project Reporting

62147	Enhanced Project Reporting so that BACnet reports no longer browse each object. This was causing unnecessary and excessive overhead.
62242	Improved the performance of writing to the database in Project Reporting.
62244	When running a BACnet report, the percentage complete is updated more frequently, and more messages are shown.
62247	

Security

63291	FrameWorX now retries to connect to remote FrameWorX servers if the initial refresh fails. Previous to this, if the remote FrameWorX was restarted, the local FrameWorX may try to reconnect too early in the process and be denied by security, then it would never retry. The result was that, sometimes after a remote FrameWorX was restarted, the points coming from that server would show as Bad - User Access Denied.
63976	The security server now supports Group Managed Service Accounts (gMSAs).
63997	When configuring ICONICS security to synchronize with an Azure Multi-Factor Authentication (MFA) server as the domain, occasionally ICONICS security would receive an incorrectly formatted response from the MFA server. This would result in an "Object reference not set to an instance of an object" NullReferenceException. ICONICS security has been enhanced to work with these responses, and not throw an exception.

Triggers

62163	Resolved an issue that could cause a Unified Data Manager configuration from 10.93 or earlier to have its time intervals changed on its time triggers after upgrading the database to 10.95.X.
62178	Resolved a memory leak that occurred when a client unsubscribed from a trigger.

Unified Data Manager

51177	Global Alarm Subscriptions should now expose the correct attributes/fields to clients such as the AlarmWorX64 Viewer and AlarmWorX64 Logger.
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63411	Resolved an issue in the Unified Data Manager import that could occur if an expression and a folder shared the same name in the import file. Only the folder would be imported.
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Web Services

61469	Improved the handling of OAuth 2.0 refresh tokens in Web Services. Previous to this fix, they could sometimes fail to update correctly.
62138	Introduced the ability to override the default accept-encoding header. This can be done on the service or method level by adding a parameter of type "HTTP Header".
64751	Web Services points would return BadRequest when certain characters were present in the service name, method name, or return value. These characters included parentheses and dashes. This has been resolved.

Workbench

58444	When configuring multiple projects on one machine, the GenBroker properties weren't saved to the project and were instead shared across the whole machine. This has been resolved. GenBroker properties are now saved uniquely for each project. Note that only the active project will update the GenBroker configuration file.
61395	When using Excel to open an export file generated from Workbench, Excel would say that the file was corrupted and offer to repair it. If the user repaired the file, it was not able to be imported back into Workbench. This has been resolved. Excel should no longer detect Workbench export files as corrupted.
61648	In the "Configure Services" option of Workbench, you can now choose "Auto (Delayed)" as a Start Mode.
61780	Resolved an error that would occur when making a new project active in Workbench if both projects used a unified configuration database. After making the second project active, this error would appear: "Cannot complete the request. It was not possible to find the item on the server. The item was deleted or there is a general error on the server." This was caused because each Workbench project contained the configuration tables for Workbench itself, and the new Workbench settings were in the old configuration database, not the new one. Workbench now avoids this error by keeping the previous Workbench configuration active. (Note, starting in version 10.96, the Workbench's configuration database will be kept in a separate database from the unified configuration to better avoid this issue.)
62077	When importing into GridWorX or unpacking a package file containing a GridWorX configuration, the "Delete non-existing items" option would be ignored. This has been resolved.
62217	There is now an option to back up the database when upgrading the security configuration.

Known Issues

60847	When using data cached in the Data Flow configuration, users may experience an issue where a new Data Flow using points in a previously configured Data Flow may not contain the most recent values. This does not influence runtime operations and is an issue with the Data Flow preview only. Data can be forced to refresh by closing and reopening Workbench.
64696	In ReportWorX Express, if both the body row and the anchor row of a custom column have different formulas, the formula in the anchor will be overridden by the formula in the body.
64629	PowerShell caches commands, so users who had used ICONICS PowerShell modules before applying this update will not immediately have access to the new or updated commands. This can be solved by running this command: <pre>Get-Module -ListAvailable -Refresh</pre> The command only needs to be executed once after the update is installed.
56485	AlarmWorX64 Multimedia phone agent alarm subscription is not supported in this release. If this feature is needed, check with Tech Support or check the Customer Connection portal for a post 10.95 update.
64556	The AlarmWorX64 Multimedia's Unicode pager no longer works in Update 4. Pages receive this error: "Error: 36114 Error while waiting for the prompt to send SMS data." The regular Non-Unicode pager (which is registered by default) is not affected.
46650	There is a known issue that may cause the TrendWorX32 Logger configurator to become unable to connect to the TrendWorX Logger Engine when running GENESIS32 and GENESIS64 together and after uninstalling GENESIS64. A reregistration of the TrendWorX32 Logger will mitigate this issue.
56446	There is a known issue that may prevent the FDDWorX Viewer from functioning properly in PortalWorX-SP. It will get stuck on the download step at 100%.
60486	Users who wish to secure their IoTWorX Visualizer should disable "Anonymous Authentication" to the AnyGlass website. To do so, open IIS Manager on the device, browse to the AnyGlass application, double-click on "Authentication", and disable "Anonymous Authentication". Subsequent connections to IoTWorX Visualizer will require users to enter valid login credentials.
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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