

# ICONICS 10.97.2

Critical Fixes Rollup 2

Resolved Issues | **ICONICS Suite™**  
May 2023



Gold  
**Microsoft Partner**  
Eleven-time Microsoft Partner of the Year



Make the Invisible Visible™

---

# Contents

- Release Notes for Version 10.97.2 Critical Fixes Rollup 2** ..... 3
- Common and Platform Services** ..... 3
  - Licensing ..... 4
  - OPC UA ..... 4
  - Project Reporting ..... 4
  - Security ..... 4
  - Triggers ..... 4
  - Unified Data Manager ..... 5
  - REST API ..... 5
- AnalytiX** ..... 6
  - AnalytiX-BI ..... 6
  - BridgeWorX64 and Workflow ..... 7
  - CFSWorX ..... 8
  - Facility AnalytiX and FDDWorX ..... 8
  - ReportWorX64 & ReportWorX64 Express ..... 8
- Data Connectivity** ..... 9
  - BACnet Classic ..... 9
  - BACnet with SC ..... 9
  - GridWorX (Databases) ..... 9
  - Mitsubishi Electric FA Connector ..... 10
  - SNMP Connector ..... 10
  - Alarms and Notifications ..... 10
  - AssetWorX ..... 11
  - EarthWorX ..... 11
  - GridWorX ..... 12

---

TrendWorX64 Logger .....	12
Controls .....	12
GraphWorX64 .....	13
<b>Hyper Historian .....</b>	<b>13</b>
<b>IoTWorX and Internet of Things .....</b>	<b>14</b>
<b>KPIWorX .....</b>	<b>14</b>
<b>MobileHMI and HTML5 WebHMI .....</b>	<b>15</b>
HTML5, iOS, and Android .....	15
<b>Workbench .....</b>	<b>19</b>
<b>Known Issues and Limitations .....</b>	<b>20</b>

---

# Release Notes for Version 10.97.2 Critical Fixes Rollup 2

The following issues and enhancements were fixed in this release.

## Notes:

- 10.97.2 Critical Fixes Rollups aren't compatible with other 10.97.x products, such as 10.97 or 10.97.1.
- For information about security vulnerabilities, refer to [iconics.com/cert](https://iconics.com/cert).
- To view the changes that were made in Critical Fixes Rollup 1, [click here](#).

## Common and Platform Services

Reference ID	Description
91082	Resolved a memory leak in the ICONICS Search Service.
92007	<p>The default project created by installing version 10.97.2 and selecting <b>Normal Setup</b> is incorrectly configured for secured transport for .NET clients. This does not affect runtime, which is correctly configured to use unsecured transport, but it can cause issues or confusion in the configuration. Users exporting or copying this project to another computer might expect unsecured transport, but they will get secured transport instead. This issue has been resolved for newly created projects.</p> <p><b>Note:</b> If you created a project before you installed the critical fixes rollup, see <a href="#">Known Issues</a> for instructions on how to resolve the issue.</p>
92263	<p>When running the Configure System tool, only one of the BACnet services is set to automatic start, based on your selected configuration. The other is set to manual start. Previously, both BACnet Classic and BACnet/SC would be set to Automatic.</p> <p><b>Note:</b> If you are creating a new configuration, only BACnet Classic is set to Automatic.</p>
92737	After installing GENESIS64 version 10.97.2, some applications do not work if you have a Turkish localization of Windows with English as the display language.
92976	Resolved an issue where a crash occurs when converting a null value in AE data.
93926	Configure System fails to run correctly in special Active Directory configurations because the domain user can't be validated.
94166	OpenSSL has been updated to version 3.0.8 in GENESIS64 and IoTWorX for enhanced security.

---

## Licensing

Reference ID	Description
93252	When reserving Write clients (Genesis64Write), one Write client is unusable.

## OPC UA

Reference ID	Description
91808	Added support for OPC UA structures that contain bits, byte arrays, optional fields, and unions. We also support array structures when the array length doesn't immediately precede the array contents.
91813	Added support for OPC UA arrays of AnalogRange structures.

## Project Reporting

Reference ID	Description
92329	When upgrading from an earlier version to version 10.97.2, the Workbench Report database is not properly updated.

## Security

Reference ID	Description
92404	Users or groups that have Create file permission can now save new configuration files for TrendWorX64, AlarmWorX64, and GridWorX Viewers using a new file name.
92457	When security has Web Login enabled, Workbench and GraphWorX64 applications fail to finish the log-in process and display an "Access Denied" dialog box instead.
92690	When security has Web Login enabled, the WPF WebHMI login dialog now opens in a browser pop-up window.

## Triggers

Reference ID	Description
92656	Data triggers will only trigger one time if <b>Delay Trigger By</b> is enabled and <b>Trigger Type</b> is set to <b>When data tag is TRUE (condition)</b> or <b>When data tag is FALSE (condition)</b> .

---

## Unified Data Manager

Reference ID	Description
92816	Expressions with <b>Send Initial Update</b> enabled ignore trigger tags.

## REST API

Reference ID	Description
93373	Writing to multiple points using the REST API fails for the first point in the list because of a timing issue.
93585	It is not possible to read AnalytiX-BI data sets using the REST API because of a timing issue.

## AnalytiX-BI

Reference ID	Description																																				
91784	Resolved an error in optimizing certain JOINS so that these queries run faster.																																				
91794	Resolved an error in optimizing queries that use NOT IN so that these queries run faster.																																				
91822	The LIKE and NOT LIKE operators cause "Object reference not set to an instance of an object" error if the item on the left of the operation was a constant and one or both items were not a string.																																				
91892	Queries would fail with a "Specified method is not supported" error if the IN operator was used outside of the WHERE clause.																																				
91974	<p>You can now use these keywords as a column name by enclosing them in square brackets:</p> <table border="0"> <tr> <td>Avg</td> <td>Expression</td> <td>Min</td> <td>Stddev</td> </tr> <tr> <td>Boolean</td> <td>Following</td> <td>Offset</td> <td>Stdev</td> </tr> <tr> <td>Byte</td> <td>Guid</td> <td>Partition</td> <td>String</td> </tr> <tr> <td>Cast</td> <td>Int16</td> <td>Preceding</td> <td>Sum</td> </tr> <tr> <td>Count</td> <td>Int32</td> <td>Range</td> <td>Timespan</td> </tr> <tr> <td>Datetime</td> <td>Int64</td> <td>Row</td> <td>UInt16</td> </tr> <tr> <td>DatetimeOffset</td> <td>IsNull</td> <td>Rows</td> <td>UInt32</td> </tr> <tr> <td>Decimal</td> <td>Max</td> <td>SByte</td> <td>UInt64</td> </tr> <tr> <td>Double</td> <td>Median</td> <td>Single</td> <td>Unbounded</td> </tr> </table>	Avg	Expression	Min	Stddev	Boolean	Following	Offset	Stdev	Byte	Guid	Partition	String	Cast	Int16	Preceding	Sum	Count	Int32	Range	Timespan	Datetime	Int64	Row	UInt16	DatetimeOffset	IsNull	Rows	UInt32	Decimal	Max	SByte	UInt64	Double	Median	Single	Unbounded
Avg	Expression	Min	Stddev																																		
Boolean	Following	Offset	Stdev																																		
Byte	Guid	Partition	String																																		
Cast	Int16	Preceding	Sum																																		
Count	Int32	Range	Timespan																																		
Datetime	Int64	Row	UInt16																																		
DatetimeOffset	IsNull	Rows	UInt32																																		
Decimal	Max	SByte	UInt64																																		
Double	Median	Single	Unbounded																																		
92060	You can now use an integer in the ORDER BY clause. This integer is interpreted as the index of the column to sort by. For example, "SELECT * FROM Products ORDER BY 4" sorts by the fourth column in the Products table. Also, note that the index starts at 1, and any queries with "ORDER BY 0" return an error.																																				
92064	<p>Queries that list the same alias or expression twice in a clause fail. For example:</p> <pre>SELECT Category AS c1, sin(CategoryId)*2 AS c2, (sin(CategoryId)*2)/7 AS c3</pre> <p>This query would fail because the (CategoryId)*2 is used in both c2 and c3.</p>																																				
92351	The COALESCE function does not work when that function is called in a WHEN as part of a larger function. For example, the COALESCE function does not work inside a CASE statement.																																				
92713	Inconsistent results are returned when tables are joined on a string column having the same values but in different cases (for example, "cat" or "CAT").																																				

Reference ID	Description
92717	Double NaN values are incorrectly allowed as valid values and inserted in AnalytiX-BI tables.
93874	A view that references a view with parameters fails to load on startup and is not accessible in runtime.
93032	An AnalytiX-BI table starts to act inconsistently after more than 131,000 rows are inserted over the lifetime of the table using the refresh triggers "Overwrite with new data" or "Delete and insert new data."
93434	When AnalytiX-BI is in compatibility mode, it fails to parse a query with a literal string.
93715	Improved the behavior of the Dimensions > Assets data flow step so that the step does not need reconfiguration if the underlying asset structure changes after the step was configured.

## BridgeWorX64 and Workflow

Reference ID	Description
92397	Transactions or Workflows ended before finishing all activities. However, the transaction status would display as Succeeded.
92836	Resolved a rare crash of the BridgeWorX64 point manager and Workflows point manager.
92933	The expression editor for the output column expressions is erroneously displaying the columns from the previous activity in the available variables.
93131	Text shortcuts, such as /T or /E can now be escaped with an additional forward slash. For example, to include the literal characters /T in the message instead of the workflow name, use //T.
93996	The BridgeWorX64 data flow configuration does not generate an exception error.
93872	A crash in the BridgeWorX64 scheduling service occurs when a triggering alarm source Related Value is set to an uninitialized array (for example, configured with an expression x=createarray(1)).
94120	BridgeWorX64 crashes, especially when the same DA point is used more than once in the waiting expression of a Delay activity.



---

## CFSWorX

Reference ID	Description
92397	Transactions end before finishing all activities. However, the transaction status displays as Succeeded.
92836	Resolved a rare crash of the CFSWorX Workflows point manager.
93131	Text shortcuts, such as /T or /E can now be escaped with an additional forward slash. For example, to include the literal characters /T in the message instead of the workflow name, use //T.

## Facility AnalytiX and FDDWorX

Reference ID	Description
92315	The FDDWorX point manager doesn't process faults if any fault has a related value expression that is syntactically incorrect.

## ReportWorX64 & ReportWorX64 Express

### Common

Reference ID	Description
92298	When multiple real-time tags are part of the same data source, the order of those tags in the generated report is inconsistent.

### ReportWorX64 Express & Excel Add-In

Reference ID	Description
92239	Data sources cannot be added to templates if the default columns for that type of data source was modified. Attempting to add a data source displays an ArgumentException error message.
92344	An ArgumentException error is thrown when opening templates that were created in ReportWorX Express version 10.95.x or earlier.
93296	The date picker does not work correctly in versions of Windows that use the dd.mm.yyyy date format.
93711	Adding two or more custom columns to a data source causes the data download to fail.

---

# Data Connectivity

## BACnet Classic

Reference ID	Description
90869	Resolved a crash of the BACnet Classic point manager when a BACnet object enters a fault state.
93515	When performing an Engineering Data Exchange (EDE) export of a device that contains many objects, Workbench uses an excessive amount of memory.
93819	Cannot enable Router Static Binding for a BACnet device.
93895	BACnet Classic Schedule Viewer does not work, and a FileLoadException error is displayed in the TraceWorX log.

## BACnet with SC

Reference ID	Description
93712	When merging BACnet with SC data into Hyper Historian, all the tags are added to the configuration, not only the historical ones.
91351	You can now call a remote method in the BACnet with SC server to read the BACnet trend log history object from a BACnet device.

## GridWorX (Databases)

### GridWorX Viewer

Reference ID	Description
92346	When <b>ResolveOPCTags</b> is set to true in the GridWorX Viewer, the grid periodically jumps back to the top, losing the scroll position.
92422	Resolved an issue where not all columns were populated after the data source tag changed in runtime, such as from global aliasing.
92733	If a cell value starts with a plus (+), minus (-), or equal (=) sign, the print preview dialog freezes.

---

## GridWorX Workbench Provider

Reference ID	Description
93194	In a data source or data manipulator, the Configure Command dialog doesn't properly parse the WHERE clause if it contains line breaks, resulting in the filters being garbled.

## Mitsubishi Electric FA Connector

Reference ID	Description
92981	Mitsubishi Electric Network Discovery now logs an error when the discovery fails if EasySocket is not properly installed.
92076	A crash occurs when running a Mitsubishi Electric FA Network Discovery if Easy Socket is not installed on the server.

## SNMP Connector

Reference ID	Description
92369	Data sets coming from the SNMP point manager can now be used in AnalytiX-BI, BridgeWorX64, ReportWorX64, and Workflows.
93186	The <b>Use GetNext</b> checkbox is missing from the SNMP tag view.

## Alarms and Notifications

### AlarmWorX64 Logger


Reference ID	Description
92454	Previously, if the AlarmWorX64 Logger configuration contained two columns mapped to the same alarm or event field, that column would not appear in the list of fields for that logger subscription. Now, the first column appears in the list of fields.
93034	When viewing historical alarm data logged by the AlarmWorX64 Logger, the subscription name is shown instead of the source name if the source alarm or event came from an OPC UA server or an ICONICS point manager.
93190	The AlarmWorX64 Logger does not maintain subscriptions and attributes after an upgrade.
93997	Passwords for SQL Server database connections cannot contain an equal (=) sign.

---

## AlarmWorX64 Server

Reference ID	Description
93384	The deadband of an alarm is reset to zero when the alarm is disabled.
94001	Passwords for SQL Server database connections cannot contain an equal (=) sign.

## AlarmWorX64 MMX

Reference ID	Description
94002	Passwords for SQL Server database connections cannot contain an equal (=) sign.  The AlarmWorX64 MMX Call-In Agent doesn't support special characters.

## AlarmWorX64 Viewer

Reference ID	Description
92721	If a cell value starts with a plus (+), minus (-), or equal (=) sign, the print preview dialog freezes.

## AlertWorX

Reference ID	Description
94042	Added the ability to specify either plain text or HTML for the format of an email.

## AssetWorX

Reference ID	Description
92166	The @@self placeholder does not include the remote prefix when the Asset Navigator is displaying assets from a remote root.

## EarthWorX

Reference ID	Description
92775	GraphWorX64 remains in memory after the application is closed.

---

## GridWorX

Reference ID	Description
93182	Connections to SQL Server do not work. This has been resolved for new connections. For existing connection strings, you must replace "Provider=SQLNCLI11.1" with "Provider=MSOLEDBSQL"
93896	Stored procedures with output parameters of type nvarchar(max) cause a runtime error.

## TrendWorX64 Logger

Reference ID	Description
94072 94076	Passwords for SQL Server database connections cannot contain an equal (=) sign.

## Controls

### Camera Control

Reference ID	Description
91629	After using the camera control to view an RTSP feed, GraphWorX64 crashes when opening a file dialog, such as the <b>Save As</b> dialog.
93959	The Camera Control stops working on non-US versions of Windows.

### Data Diagram

Reference ID	Description
92396	The color scale is not properly applied to cells when the color axis range changes in runtime. This issue causes all cells to appear as the maximum or minimum color.

### Table Control

Reference ID	Description
92909	When a filter is set using a field connected to an extended column, an existing display does not load correctly. The filter gets invalidated, removed, and marked as a configuration issue.

---

## TrendWorX64 Viewer

Reference ID	Description
90623	Using the <b>Edit Pen</b> command to set <b>Stack Option</b> to None changes the plot type to the line. This is an issue only for Stacked Bar and 100% Stacked Bar plot types.
92793	The foreground color is now applied to the loading icon. Previously, it was always black.

## GraphWorX64

Reference ID	Description
92912	GraphWorX64 does not import text labels when importing a DXF file containing Japanese characters.
93124	Fixed a crash in GraphWorX64 that occurs when using the Set Value command with the PointName parameter if the value of the variable is empty.
93126	
93336	For certain displays, if the runtime properties have <b>Outer Border</b> set to False, the display content is misaligned or doesn't completely fill the window in runtime.
94008	GraphWorX64 crashes when loading Data Explorer data.

## 3D Viewport

Reference ID	Description
92120	In 3D view, objects disappear when they are moved.
92228	Using <b>Update Shared</b> on certain 3D smart symbols doesn't preserve their size or position correctly.

## Hyper Historian

Reference ID	Description
92393	Hyper Historian does not log if one of the logged tags has a <b>Data Type</b> of <b>Native</b> and the data source reports a data type of "CustomSerializable".

---

## IoTWorX and Internet of Things

Reference ID	Description
724	ARM32 containers are no longer supported, but we do support ARM64 containers.
90237	When the containers are deployed to the edge device for the first time, they create an invalid SNMP configuration that results in an SNMP provider that doesn't work and an error in TraceWorX that reads, "[Configuration] Failed to create configuration root node."
92072	Updated various third-party components to the latest version for enhanced performance and security.
92083	When publishing a real-time point that has <b>Cloud Buffering and HDA</b> selected, new clients that subscribe to that point have a different value from established clients until the first update is sent.
92932	When deploying or editing the modules for IoT Edge devices in Workbench, you can now use edgeAgent 1.4 and edgeHub 1.4 in IoT Edge containers.

## KPIWorX

Reference ID	Description
92773	The order in which pens are drawn in the trend widget is now consistent with the desktop (WPF) TrendWorX64 Viewer. Previously, the topmost pen in the desktop TrendWorX64 Viewer would be the bottommost pen in the KPIWorX widget for the same configured pen order.
94004	Exporting images and PDF files in KPWorX causes the browser to remain in memory after you close the application.
94036	You cannot export data from a trend widget with an asset data source.
93475	The KPIWorX share feature is only sharing the part of the dashboard that is visible.
92063	No paths are displayed on the CFSWorX Worker Path dashboard.
94162	A data set request error occurs when adding a tag in a Table control.
91761	Dashboards created in previous versions of KPIWorX do not correctly display configured vertical axes of a categorical chart widget in the latest KPIWorX runtime.

---

# MobileHMI and HTML5 WebHMI

## HTML5, iOS, and Android

Reference ID	Description
92240	Resolved a memory leak that occurs when closing HTML5 windows without first closing all dependent popups.
92648	The time is incorrectly shifted for commands with DateTime parameters ( <b>Set Time Range</b> and <b>Edit Trend Chart</b> ) when those parameters used an expression.
93094	If a display is opened from the App Hub using the <b>Open Display</b> command, and a display configured with a <b>Play Sound</b> dynamic is executed, the sound fails to play. <b>Workaround:</b> Use the <b>Open URL</b> dynamic action to open the display.
93158	The server leaks CPU and memory when displays use nested variables in expressions.
94117	Resolved an issue with text length measuring in Firefox.
94137	Data Explorer displays no data after switching GridWorX configurations.
94141	The HTML5 display freezes, crashes, or logs out when any HTML5 client acknowledges an alarm.

### AlarmWorX64 Viewer



Reference ID	Description
92118	The AlarmWorX64 Viewer's minimum column width has been reduced from 40 pixels to 20 pixels and is now consistent with the desktop (WPF) AlarmWorX64 Viewer. You can specify values that are less than 20 pixels for the column width but the columns will be rendered at a minimum of 20 pixels in runtime.
92295	Resolved an issue that caused the wrong row to be visible when the vertical scroll bar was hidden and the grid was small enough that there was only room for one row.
93046	When a control is configured to show groups, there is a difference in how groups are sorted on the desktop and in HTML5.
93766	AlarmWorX64 Viewer is causing excessive CPU usage on the server when a Microsoft Edge client is connected.



## Data Diagram

Reference ID	Description
92396	The color scale is not properly applied to cells when the color axis range changes in runtime. This issue causes all cells to appear as the maximum or minimum color.

## GraphWorX64

Reference ID	Description
91378	If a pop-up menu is configured for an object inside a group, and the menu position is set to MousePoint, the pop-up menu appears in the wrong location.
91486	In HTML5 displays, pick actions with a global command do not fade when that action is denied by security. There is no visual indication that security prevented the user from taking the action.
91926	State selector dynamics now display nothing if the value does not match one of the configured states. This makes the behavior consistent with desktop (WPF) displays.
92042	Local aliases inside command parameters do not resolve unless the string, including the alias, is surrounded by curly braces ({}).
92067	Pipe controls containing duplicated vertices are drawn incorrectly, possibly missing some segments.  We recommend removing duplicated vertices whenever possible.
92105	Pop-up menus configured to appear at the mouse position appear in the wrong location if they are opened inside a dependent popup that was moved after the popup was opened.
92122	Pipe controls with <b>UseHighlightColor</b> set to True, <b>PipeThickness</b> less than or equal to 5, and <b>GradientSmoothness</b> set to Rough have the wrong highlight color.
92236	Commands that area configured on the <b>LoadCompleted</b> event for a display do not execute if that display is loaded in a GraphWorX64 Viewer control.
92304	Text is not being correctly positioned when it is bold and aligned right or center.
92356	The embedded GraphWorX64 Viewer in HTML5 is not taking into account the <b>SpecifyCommandingOptions</b> runtime window property.
92392	Pop-up menus configured to appear at the mouse position appear in the wrong place if the display zoom level is anything other than 100%.
92585 92443	<b>Load Display</b> commands that specify local alias data or <b>Set Local Aliases</b> commands can now resolve local aliases set on a sibling object.  Instead of setting the alias on a sibling object, we recommend setting aliases on the pick

Reference ID	Description
	action's object, its parent, or an ancestor.
92774	If a constant is resubscribed in a display, it shows as the point fail character (usually an asterisk). This only occurs after showing a previously hidden layer.
92973	HTML5 now logs <b>GenEvent</b> messages when it loads displays.
92979	The <b>Close Window</b> command can now target independent pop-up windows.
92982	If a local alias is set with a value containing quotation marks, those quotation marks are duplicated when the alias is resolved.
93005	If a smart symbol's description property is made into a smart property and bound to another property using advanced binding, the description does not resolve.
93012	If a grid panel's rows or columns contain a combination of star- and auto-sized fields and the grid panel's width and height are set to Auto, the contents of auto-sized rows or columns are drawn at the wrong coordinates. This causes the grid contents to be invisible if they are rendered outside the draw area.
93160	A display never finishes loading if it contains a GraphWorX64 Viewer with these characteristics: <ul style="list-style-type: none"> <li>▪ The width or height of the viewer is set to Automatic.</li> <li>▪ The width or height of the display loaded in the viewer is set to Automatic.</li> <li>▪ The viewer's inner border thickness is set to a value larger than 0.</li> </ul>
93227	Local aliases that are passed to a popup in HTML5 do not load correctly when loaded for the first time.
93229	When a write value pick action, toggle value pick action, or location dynamic requires confirmation and you enter a comment, "::1" is logged instead of your comment.
93369	Various issues related to resolving local aliases were fixed.

## GridWorX Viewer

Reference ID	Description
92079	When changing the minimum and maximum values of a GridWorX Viewer chart axis in runtime, such as using global aliases, sometimes only the maximum or minimum value is changed, but not both.
92116	Conditions on specific columns aren't properly applied if the cell value is updated and <b>EnableRefreshOnApply</b> is enabled.
92118	The GridWorX Viewer's minimum column width has been reduced from 40 pixels to 20

Reference ID	Description
	pixels and is now consistent with the desktop (WPF) GridWorX Viewer. You can specify values that are less than 20 pixels for the column width, but the columns will be rendered at a minimum of 20 pixels in runtime.
92234	Resolved an issue causing horizontal grid lines to not appear in some GridWorX Viewers.
92295	Resolved an issue that caused the wrong row to be visible when the vertical scroll bar was hidden and the grid was small enough that there was only room for one row.
92422	Resolved an issue where not all columns were populated after the data source tag changed in runtime, such as from global aliasing.

### Recipe Grid

Reference ID	Description
92295	Resolved an issue that caused the wrong row to be visible when the vertical scroll bar was hidden, and the grid was small enough that there was only room for one row.

### TrendWorX64 Viewer

Reference ID	Description
90621	The <b>Edit Pen</b> command can only be used to set the <b>Stack Option</b> once. Subsequent attempts are ignored. This is an issue only for Stacked Bar and 100 % Stacked Bar plot types.
92111	In the context menu, the <b>Export Data</b> and <b>Export Data for Selected Pens</b> menu items of the TrendWorX64 Viewer do not execute in HTML5 displays. This affects both the main context menu items and the pen menu items.
92331	The pen axis range is no longer shown for pens with invalid data sources when <b>ShowInvalidPens</b> is disabled.
92773	The order in which pens are drawn is now consistent with the desktop (WPF) TrendWorX64 Viewer. Previously, the topmost pen in the desktop TrendWorX64 Viewer would be the bottommost pen in the HTML5 TrendWorX64 Viewer.
92793	The foreground color is now applied to the loading icon. Previously, it was always black.

---

## Workbench

Reference ID	Description
94096	When two or more projects with different Hyper Historian configurations are maintained in Workbench, the extension modules are always displayed according to the active configuration, and not the currently processed configuration.
92625	For non-English languages, the About box in Workbench incorrectly lists the version as 10.97.2 even when a Critical Fixes Rollup is installed.
94102	The connection in a GridWorX data source is not properly encrypted in the database when the data source is created.
94169	Resolved an issue in Pack and Go where the <b>Enable Find and Replace</b> option was not applied correctly to packages with filtered data.

## Known Issues and Limitations

Reference ID	Description
92605	<p>BACnet with SC stops processing event notifications. This issue occurs when no values are read from the device. The issue is that the device sends event notifications, but BACnet with SC doesn't acknowledge the message.</p> <p><b>Workaround:</b> At a minimum, read the <b>systemStatus</b> property from the device. The <b>systemStatus</b> property is read by default, but if <b>systemStatus</b> is disabled in the configuration, BACnet with SC stops processing incoming event notifications.</p>
93042	<p>The connection fails when the device tries to connect to BACnet with SC for a second time. This occurs when BACnet with SC operates in Hub mode.</p>
90287	<p>When the <b>Read Service Type</b> is set to Automatic, BACnet with SC always tries to use COV instead of using <b>ServicesSupported</b>.</p> <p><b>Workaround:</b> Specify the <b>Read/Write Service</b> type. This will prevent BACnet with SC from trying to use COV.</p>
93439	<p>BACnet with SC crashes when <b>Initiate Direct Connect</b> changes during runtime.</p> <p><b>Workaround:</b> Do not select the <b>Initiate Direct Connect</b> setting when the point manager is running. Improvements are planned for a future release.</p>
91261	<p>WCF communication was previously disabled by default. This can cause communication issues for some systems that are upgrading, especially those that use Hyper Historian with remote collectors.</p> <p>You should install Critical Fixes Rollup 1 or later to resolve these connectivity issues. See the Version 10.97.2 Upgrade Guide for more information.</p>
92003	<p>The Mitsubishi Electric FA Connector will crash if Easysocket fails to install during the installation of ICONICS Suite. Users who experience this issue should reinstall ICONICS Suite, which will also reinstall Easysocket.</p>
91919	<p>When upgrading from a previous version and choosing to upgrade all active databases during the installation, the Workbench catalog database won't be properly updated if it doesn't have the default name of "IcoSetup." A new database named "IcoSetup" is created instead, and it is made active. This can give the impression that the project was reset.</p> <p>Users with a Workbench catalog database with a custom name should follow these steps when upgrading to 10.97.2:</p> <ol style="list-style-type: none"> <li>1. Start the 10.97.2 installation and proceed until you see the screen with <b>Database Creation Options</b>.</li> <li>2. Under <b>Database Creation Options</b>, select <b>Advanced Configuration</b>.</li> </ol>

Reference ID	Description
	<ol style="list-style-type: none"> <li>3. Proceed with the installation until the <b>Configure local system</b> dialog appears.</li> <li>4. Select <b>Next</b>.</li> <li>5. Under <b>Project Settings</b>, select <b>Use an existing project database</b>, and then select your custom Workbench catalog database.</li> <li>6. Select <b>Next</b>.</li> <li>7. If desired, select <b>Automatically upgrade all configurations</b>. Otherwise, select the databases that you want to upgrade.</li> <li>8. Select <b>Configure</b>.</li> <li>9. Proceed with the installation.</li> </ol> <p>Users who have already upgraded to 10.97.2 without following the above steps can recover with these steps:</p> <ol style="list-style-type: none"> <li>1. On the Start menu, run <b>ICONICS Tools &gt; Configure System</b>.</li> <li>2. Proceed through the wizard until you reach the <b>Project Settings</b> screen.</li> <li>3. Under <b>Project Settings</b>, select <b>Use an existing project database</b>, and then select your custom Workbench catalog database.</li> <li>4. Select <b>Next</b>.</li> <li>5. If desired, select <b>Automatically upgrade all configurations</b>. Otherwise, select the databases that you want to upgrade.</li> <li>6. Select <b>Configure</b>.</li> </ol>
93923	<p>ODataDataset and ODataHistory no longer appear in the REST API documentation.</p>
79462	<p>On Windows 7 and Server 2012 systems, the ICONICS services can take an excessively long time starting (10 minutes or more). This can delay services that are needed to allow connections via Remote Desktop or Hyper-V console, which means that it can take more than 10 minutes before the system can be accessed.</p> <p>The workaround for this issue is to change the startup type for some services to <b>Automatic (Delayed)</b>. Use the <b>Services</b> control panel or the <b>Configure Services</b> dialog in Workbench to change any ICONICS service running as <b>Automatic</b> to <b>Automatic (Delayed)</b>. The ICONICS services still will be slow to become responsive, but users will be able to remote into the system in the meantime.</p>
88637	<p>If the AssetWorX configuration doesn't meet the following requirements, the sample Energy AnalytiX dashboards will have no data and the EnergyAssetsDimBi table under any of the three energy data models in AnalytiX-BI will display an error status:</p>

Reference ID	Description
	<ul style="list-style-type: none"> <li>▪ The Energy AnalytiX extension must be added to the topmost equipment under <b>Assets &gt; Equipment</b>.</li> <li>▪ Each piece of equipment that has the Energy AnalytiX extension must be configured with one of the following levels: Enterprise, Area, or Site. Use the <b>General</b> tab to configure the level.</li> </ul> <p>To resolve these errors, ensure that your AssetWorX configuration meets the above requirements. See <a href="#">knowledge base article 4970</a> to learn how to refresh the data model.</p>
58862	<p>The Classic 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 it's more likely to happen the longer that the logger has been stopped).</p>
92095	<p>In the BACnet with SC beta, if a channel is configured for Direct Connect (which, in this beta, is configurable only by editing a JSON configuration file), the communication fails during the "switching protocols" phase of establishing communication. Until this issue is resolved, users should configure their channels to use a hub, which is the default configuration.</p>
92007	<p>The default project created by installing version 10.97.2 and selecting <b>Normal Setup</b> is incorrectly configured for secured transport for .NET clients. This issue has been resolved for newly created projects. If you created a project before you installed critical fixes rollup 2, you can resolve this inconsistency by going to <b>Project Explorer &gt; Platform Services &gt; FrameWorX &gt; Server Settings &gt; FrameWorX Location (.NET Clients)</b> and selecting the message to synchronize the data in the form.</p> <p>Also, users who edit settings under <b>Project Explorer &gt; Platform Services &gt; FrameWorX &gt; Server Settings &gt; FrameWorX Location (.NET Clients)</b> see a warning about the data not being synchronized. If you ignored this warning, you may have accidentally overwritten your active transport security configuration and set it to secured without realizing it.</p>
52673	<p>The AlarmWorX64 Multimedia Configurator (Workbench Classic) does not support upgrading AlarmWorX64 Multimedia configurations when they are contained in databases with other ICONICS configurations (such as unified configuration databases). You can only update these configurations using the installation or the Configure System utility.</p>
90107	<p>After making changes to the ICONICS security configuration, the Hyper Historian SQL Query Engine might return errors. To resolve these errors, restart the ICONICS Hyper Historian Raw Data Provider Host (HHRawDataProvider) service. If you are using the Query Engine with SQL Server, restart the SQL Server instance as well.</p>
83056	<p>Alarm acknowledgment may not succeed when acknowledging many alarms at once that originate from an IoTWorX device. However, users can work around this issue by acknow-</p>

---

Reference ID	Description
	ledging alarms in smaller batches.
63359	HTML5 does not currently support Esri maps.
81025	When using PowerShell cmdlets to add energy calculations to meter tags, the related AssetWorX equipment properties (including their connection to Hyper Historian) are not automatically created. You must create these properties manually or with additional PowerShell cmdlets.





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

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.

ICONICS promotes an international culture of innovation, creativity, and excellence in product design, development, technical support, training, sales, and consulting services for end users, systems integrators, OEMs, and channel partners. ICONICS has over 375,000 applications installed in multiple industries worldwide.

## ICONICS Sales Offices



### World Headquarters

100 Foxborough Blvd.  
Foxborough, MA, USA, 02035  
☎ +1 508 543 8600  
✉ us@iconics.com



### European Headquarters

Netherlands  
☎ +31 252 228 588  
✉ holland@iconics.com

### Australia

☎ +61 2 9605 1333  
✉ australia@iconics.com

### China

☎ +86 10 8494 2570  
✉ china@iconics.com

### Czech Republic

☎ +420 377 183 420  
✉ czech@iconics.com

### France

☎ +33 4 50 19 11 80  
✉ france@iconics.com

### Germany

☎ +49 2241 16 508 0  
✉ germany@iconics.com

### India

☎ +65 6473 2308  
✉ india@iconics.com

### Italy

☎ +39 010 46 0626  
✉ italy@iconics.com

### Singapore

☎ +65 6470 2420  
✉ singapore@iconics.com

### UK

☎ +44 1384 246 700  
✉ uk@iconics.com



For more, visit [iconics.com](http://iconics.com)

© 2023 ICONICS, Inc. All rights reserved.  
Specifications are subject to change without notice. AnalytiX and its respective modules are registered trademarks of ICONICS, Inc. GENESIS64, GENESIS32, Hyper Historian, IoTWorX, KPIWorX, CFSWorX, MobileHMI, WebHMI and their respective modules, OPC-to-the-Core, Make the Invisible Visible, and ICONICS company logo are trademarks of ICONICS, Inc. Other product and company names mentioned herein may be trademarks of their respective owners.

A Group Company of Mitsubishi Electric Corporation

Gold

Microsoft Partner

Eleven-time Microsoft Partner of the Year

