ICONICS 10.96

Resolved Issues | **ICONICS** Suite™

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Contents

Introduction to Release Notes for 10.96 Rollup 6

This edition of Release Notes documents the changes that were made for 10.96 Critical Fixes Rollup 6. It includes both fixes and enhancements.

Note that 10.96 Critical Fixes Rollups are not compatible with other 10.96.x products, such as 10.96.1 or 10.96.2.

"First Available In" Column

Rollups are cumulative. Each rollup contains the fixes and enhancements of the previous rollup, so only the latest rollup is required to bring a system up to date. Rollups can be installed on top of a prior rollup or onto a system with no rollups.

The "First Available In" column notes which rollup a fix or enhancement first appeared in so that users who already have a rollup can determine what items are new for them.

Security Vulnerabilities

Information about security vulnerabilities may not be found in this document. For this information, refer to iconics.com/cert.

Common & Platform Services

Ref ID	Description	First Available In
83473	Resolved errors or warnings about an expired certificate that might have been seen by users of WPF/XBAP WebHMI clients with restricted internet access (such as on secure, air-gapped systems). Clients that could contact the certificate issuer validated the certificates with no errors.	New for Critical Fixes Rollup 6
90118	Resolved a rare deadlock on the WebSocket communication layer. This deadlock caused services (such as FrameWorX, GridWorX Server, or AnalytiX-BI) to stop communicating or leak memory.	New for Critical Fixes Rollup 6
90462 90456 91223 91216 91209 91202 91195 91188 91181 91174 91167 91232 91158	Various enhancements to improve the security of the software.	New for Critical Fixes Rollup 6

Commanding

Ref ID	Description	First Available In
76974	Resolved an issue causing the write value global command to not always execute properly when the operating system was configured with non-English region and language settings (specifically, when the period was not the decimal separator).	Critical Fixes Rollup 2

Expressions

Ref ID	Description	First Available In
75690	Resolved a rare issue in the expression engine that could cause expressions in GraphWorX64 to return an error (ErrUnknownVariable) in version 10.96 where the same expression worked in earlier versions. This would most often affect expression that included dynamic properties (text between double curly bracket delimiters) that was somehow incorrect (was misspelled, used an invalid alias, etc.).	Critical Fixes Rollup 2
76918	Expressions containing objects (such as brushes) were not being evaluated properly. The objects were evaluated as empty or null. These sorts of objects were most often used in expressions as part of smart property binding in smart symbols in GraphWorX64. This has been resolved.	Critical Fixes Rollup 2

FrameWorX

Ref ID	Description	First Available In
80512	When alarms were acknowledged via AlarmWorX64 Multimedia agents, the ActorID would show as "unknown". This has been resolved.	Critical Fixes Rollup 4
77660	Resolved a FrameWorX Server crash (System.InvalidCastException) that could occur when trying to request historical data from an OPC UA server real time tag.	Critical Fixes Rollup 3
77786	Resolved a rare FrameWorX Server crash that could occur when a client is closing a session.	Critical Fixes Rollup 3
78016	Resolved a rare issue that could cause FrameWorX to use excessive CPU and memory on a system.	Critical Fixes Rollup 3
78173	Resolved an issue preventing communication when the FrameWorX communication was configured to use WS HTTP and a client certificate was used. This could prevent remote applications from receiving a license, preventing them from working altogether.	Critical Fixes Rollup 3
75423	Resolved an issue that can cause excessive CPU and memory usage by the ICONICS FrameWorX service. This was most often seen on systems running redundant AlarmWorX64 Servers.	Critical Fixes Rollup 2

Ref ID	Description	First Available In
73332	Resolved an issue causing the "Redundant Point Managers" item to be missing from the MonitorWorX64 Viewer's Redundancy tab. This issue also caused FrameWorX Server to log this error to TraceWorX: "Error creating RedundancyProvider 'Ico.FwxServer.Redundancy.OutprocPMRedundancyProvider' from assembly 'FwxServerRedundancy'."	Critical Fixes Rollup 1
74206	Resolved a denial-of-service vulnerability in FrameWorX Server. Prior to this fix, an attacker could cause FrameWorX Server to crash.	Critical Fixes Rollup 1

GenBroker64

Ref ID	Description	First Available In
74209	Resolved a vulnerability in GenBroker64 that could lead to a crash (denial of service) or remote code execution.	Critical Fixes Rollup 1

Global Aliases

Global Aliases Workbench Provider

Ref ID	Description	First Available In
75879	Resolved an issue causing Workbench to hang when editing a global color configured to be a gradient.	Critical Fixes Rollup 2
76924	Spaces at the beginning or end of global color names can cause the color to not function. Because of this, spaces are no longer allowed at the beginning or end of global color names.	Critical Fixes Rollup 2

Licensing

Ref ID	Description	First Available In
87555	Resolved an issue where AlarmWorX64 Server and AlarmWorX64 Logger couldn't use a reserved license when there was only one available reserved license.	New for Critical Fixes Rollup 6
82510	Systems configured with both reserved and non-reserved licenses would double the count of in use reserved licenses, possibly preventing non-reserved clients from obtaining a license even if there were bits free. This has been resolved.	Critical Fixes Rollup 5
79422	When using a permanent license, the license expiration date in the health monitor and the $info:Overview.ExpirationDate monitor tag would show a date in the past. This has been resolved - now, the maximum allowed time value is shown (year of 9999) to indicate no expiration date.	Critical Fixes Rollup 4

OPC UA

Ref ID	Description	First Available In
78158	Resolved an issue that could occur when more than one OPC UA write was executed in very quick succession (such as by having two "write value" pick actions on the same button in GraphWorX64). The issue was that only one of the writes would occur. Subsequent requests could be lost.	Critical Fixes Rollup 3

Security

Ref ID	Description	First Available In
77493	Corrected the "Allow/Deny login at this time" labels for policies. They now correctly denote that gray times are allowed, and white are denied.	Critical Fixes Rollup 3
75470	When using ICONICS security linked with a SAML identity provider, certain browsers would show a blank page instead of redirecting to the SAML authentication page. This has been resolved.	Critical Fixes Rollup 2
76623	Resolved a rare "Received Redirect With Invalid State" error that could occur when web login is enabled for Azure Active Directory and the user attempted to log in using an ICONICS application (such as Workbench or GraphWorX64).	Critical Fixes Rollup 2

Ref ID	Description	First Available In
74451	Users were unable to view alarms in the AlarmWorX64 Viewer or Data Explorer when security was enabled in Active Directory mode, even if the user should have been granted the appropriate permissions. This has been resolved.	Critical Fixes Rollup 1

Tools

Bulk Asset Configurator

Ref ID	Description	First Available In
77711	The Bulk Asset Configurator now masks the username and password of SQL accounts in connection strings.	Critical Fixes Rollup 3
78622	Resolved an exception (System.InvalidOperationException) that could occur in the Bulk Asset Configurator during the Hyper Historian tag creation if the Bulk Asset Configurator was trying to create SPC tags when SPC support was not included in the Hyper Historian configuration database.	Critical Fixes Rollup 3

Web Platform Services (WebAPI)

Ref ID	Description	First Available In
74746	Made an optimization to the WebAPI engine to avoid unnecessary resource usage when the same user was logged into multiple devices.	Critical Fixes Rollup 1

WebAPI Workbench Provider

Ref ID	Description	First Available In
74749	Resolved an error that would occur when importing a WebAPI configuration containing intents. The error message was: "Cannot import item {\}. Error: Cannot insert the value NULL into column 'IntentKeyID', table 'test.dbo.WBP_Intents'; column does not allow nulls. UPDATE fails.The statement has been terminated."	Critical Fixes Rollup 1

AnalytiX

AnalytiX-BI

Ref ID	Description	First Available In
79738	Resolved a crash of the AnalytiX-BI Server that could occur when renaming a data table in Workbench if that table was used in a view.	Critical Fixes Rollup 4
75466	Resolved an AggregateException error that could occur with data flows that used an Asset Property Values step if there were equipment properties with static values defined in AssetWorX.	Critical Fixes Rollup 2
75796	When a data model reloaded a column that had hierarchical data (such as a PointName or AssetPath), the hierarchical would not load properly, and the column would return empty values. This has been resolved.	Critical Fixes Rollup 2
73320	Resolved an issue causing the AnalytiX-BI server (FwxBiService.exe) to crash (System.NullReferenceException) when the user attempts to browse a data table source that uses an asset dimension as a data source.	Critical Fixes Rollup 1
74121	Resolved a rare issue causing the AnalytiX-BI server (FwxBiService.exe) to crash (System.InvalidOperationException).	Critical Fixes Rollup 1
74679	Filter blocks could occasionally throw an exception (AggregateException) and cause the data flow to fail. This would be an intermittent problem, occurring only some of the time for the same data flow. This problem could also result in high CPU usage of the AnalytiX-BI server after running for a period of time when filter blocks were in use. This exception and excessive CPU usage has been resolved.	Critical Fixes Rollup 1

AnalytiX-BI Workbench Provider

Ref ID	Description	First Available In
80280	Data flows and data models now allow the colon as a valid character in column names. Columns in a data flow that do not explicitly provide a data type will have their data types inferred by the first value. If the first value returned is a null value, string type will be used. These changes should make it easier to work with historical alarm data sources.	Critical Fixes Rollup 4
77614	The data sources > dataset step of a data flow might hang during loading when it has a large number (over ~2500) of rows. This has been resolved.	Critical Fixes Rollup 3
75219	Data models in a folder where the folder name was the same as or contained the model name (for example, a folder named "EnergyFolder" and a data model named "Energy") would fail to return data. This has been resolved.	Critical Fixes Rollup 2
73321	Resolved an issue that could cause the configuration upgrade process to fail with a System.NullReferenceException error. This error had to do with a data flow with a remove column step that was misconfigured - it was missing a required property. It is unclear how a configuration could get to this state, but the upgrade process now deals with it more gracefully.	Critical Fixes Rollup 1

BridgeWorX64 & Workflow

Common

Ref ID	Description	First Available In
75678	Resolved a race condition that could cause inconsistent results from the Data Set Reader activity. The read could resolve successfully, or it could throw one of these errors: "Object reference not set to an instance of an object" or "Index was outside the bounds of the array". This issue was most often observed when reading web service tags, however it could happen with any tag.	Critical Fixes Rollup 2

Facility AnalytiX & FDDWorX

Ref ID	Description	First Available In
90375	Resolved the following 900-level message in the FDDWorX Service trace file: 　"InvalidOperationException - Collection was modified, enumeration operation may not execute". This message did not indicate an actual issue, and it will no longer be logged.	New for Critical Fixes Rollup 6
79536	For faults with an "enabled" field set to a dynamic value, if the dynamic enabled value changed from enabled to disabled while the fault was active, the fault would be considered disabled but still active. This was incorrect and has been resolved – disabled faults are now always considered inactive.	Critical Fixes Rollup 4
80363	Resolved an issue preventing the FDDWorX service from starting when there are duplicate fault names for a single asset. When this issue occurred, TraceWorX would log these messages: Module 'FDD' Failed to Start: An item with the same key has already been added. ArgumentException : An item with the same key has already been added.	Critical Fixes Rollup 4
77450	Fault rules that contain the same parameter more than once may incorrectly fire and then clear in a very short amount of time (often less than a second). This has been resolved.	Critical Fixes Rollup 3
77563	Resolved an FDDWorX service crash (System.ArgumentOutOfRangeException) that could occur using a remote data source in the fault viewer. The service should no longer crash but accessing remote assets directly in the fault viewer is not supported. Users should create an external link in their local AssetWorX and then reference that through the local AssetWorX server.	Critical Fixes Rollup 3
78139	Resolved an issue that could cause the fault engine to stop logging faults if a fault cost expression resolved to an unexpected value.	Critical Fixes Rollup 3

Fault Viewer

Ref ID	Description	First Available In
81158	When a fault viewer was displaying faults from a remote FDDWorX server via an external AssetWorX link, sometimes the asset path displayed for a fault would be incorrect. This has been resolved.	Critical Fixes Rollup 4
77505	When displaying an expression in a table control or Fault Viewer column, initial values would not be shown for expressions. This may result in slow-changing expressions showing a blank value until the first time it updates after the display was opened. This has been resolved.	Critical Fixes Rollup 3

Quality AnalytiX

Ref ID	Description	First Available In
75861	Recalculation tasks for SPC tags did not recalculate. Samples in the time range would be removed and this exception would be logged: "LibraryFuncionException : Evaluation of ' ' failed". This has been resolved.	Critical Fixes Rollup 2

ReportWorX64 & ReportWorX64 Express

Common

Ref ID	Description	First Available In
78346	Resolved a rare issue that can cause files being transferred via AlertWorX to become corrupted. The most noticeable result of this was that ReportWorX64 email redirector tasks would send an email with no attachment or not send an email at all.	Critical Fixes Rollup 4
78772	Resolved an issue causing two emails to be sent when executing a ReportWorX64 report with an email redirector.	Critical Fixes Rollup 3

ReportWorX64 Express & Excel Add-In

Ref ID	Description	First Available In
80012	The ReportWorX64 add-in does not start properly in Excel 2010. This has been resolved.	Critical Fixes Rollup 4

Ref ID	Description	First Available In
80118	Resolved an issue preventing Hyper Historian calculated tags from being downloaded more than once. Using the "Download Data" button once worked as expected, but then using the "Clear Data" button and doing a second "Download Data" would result in no data.	Critical Fixes Rollup 4
77733	Resolved an issue where ReportWorX64 Excel Add-In functions were unable to be used when connecting to a remote FrameWorX Server for the first time. (The next time Excel was opened, the ReportWorX64 functions would work normally.)	Critical Fixes Rollup 3
73153	Resolved a "Cannot initialize the context menu, a resource is missing, and the application will not work as expected" error when loading the ReportWorX64 Excel add-in. This error would only happen in newer builds of Excel (1902 Build 11328.20480 or later).	Critical Fixes Rollup 1

ReportWorX64 Server

Ref ID	Description	First Available In
87588 87516	Resolved an issue that prevented Send Email redirector commands from sending.	New for Critical Fixes Rollup 6
91775	Reports containing manual parameters executed as expected, but always showed as "Queued" in the ReportWorX64 Viewer's executor mode. This meant that the finished report could not be downloaded from executor mode. This issue also affected the Generated Reports data set tag. **Note**: The ReportWorX64 Viewer's viewer mode showed the proper status and allowed the finished report to be downloaded.	New for Critical Fixes Rollup 6

Data Connectivity

BACnet Connector

Ref ID	Description	First Available In
88200	Resolved an issue that prevented the BACnet point manager from resubscribing to tags at the configured **Re-Subscribe COV Period**. This issue occurred after the device went offline, and then came back online.	New for Critical Fixes Rollup 6
83232	Various small updates and improvements to the BACnet Runtime.	Critical Fixes Rollup 5
77274	Resolved an error in the BACnet Runtime provider of Workbench Classic. When selecting a device, this error would occur: "A web service error occurred: The formatter threw an exception while trying to deserialize the message..." This error only occurred on systems with Critical Rollup 1 or 2 installed.	Critical Fixes Rollup 3

BACnet Workbench Provider

Ref ID	Description	First Available In
81200	Resolved an issue that could cause users to create an incorrect Event Enrollment. After configuring an Event Enrollment, users would find it had changed to a different one after selecting "apply" in Workbench.	Critical Fixes Rollup 4

GridWorX (Databases)

GridWorX Server

Ref ID	Description	First Available In
81753	Resolved an inefficiency when writing to a db: process point that could cause excessive CPU usage, especially when writing to many db: points at once.	Critical Fixes Rollup 5
82535	Previously, if connection string values (such as the password) contained single quotes, double quotes, semicolons or equal signs, the connection string would not be read properly, and the connection would fail. This has been resolved.	Critical Fixes Rollup 5
81194	Resolved a rare GridWorX Server crash that could occur if a command timed out under very specific circumstances.	Critical Fixes Rollup 4

GridWorX Viewer

Ref ID	Description	First Available In
75139	Commands in virtual fields of the GridWorX Viewer could not use parameters. This has been resolved.	Critical Fixes Rollup 2
74466	Resolved an issue that could cause alarm and grid controls to not load properly with specific configurations involving hidden viewers and loading the viewer configuration file using global aliasing.	Critical Fixes Rollup 1

GridWorX Workbench Provider

Ref ID	Description	First Available In
86088	Resolved an issue where invalid Oracle connection strings were created, which caused the Oracle connection to fail. To correct Oracle connections that have this issue, do one of the following: • Click the **Configure Connection** button, and then click **OK**. • Manually remove the erroneous extra set of quotation marks from the connection string in the text box.	New for Critical Fixes Rollup 6
80090	When using the configuration wizard to select a stored procedure for Oracle, incorrect syntax could be generated, resulting in GridWorX being unable to execute the stored procedure. This has been resolved.	Critical Fixes Rollup 4
80093	Resolved an issue preventing users from creating an Oracle data source using an output parameter.	Critical Fixes Rollup 4

Ref ID	Description	First Available In
80421	When configuring a stored procedure using the "Configure command" wizard, selecting a procedure, then going back and selecting a different procedure would update the procedure name but not the parameters. The parameters from the first procedure would still be in use. This has been resolved. Also resolved an issue where the length of varWChar parameters could not always be changed in the "Configure command" wizard.	Critical Fixes Rollup 4
77509	Resolved an issue where using the Autodetect Schema link in a data source did not cause the Apply button to enable.	Critical Fixes Rollup 3
72890	Resolved an InvalidOperationException error that could appear when upgrading GridWorX configuration databases containing a data source that was linked to a nonexistent data source.	Critical Fixes Rollup 1

Modbus Connector

Workbench Provider

Ref ID	Description	First Available In
73088	Resolved this error, which would appear when attempting to browse Data Connectivity > Modbus > Address Space or Channels: *Cannot complete browse operation* *[System.InvalidCastException] Error reading a row from the table 'MB_Channels'. Error reading the column 'IgnoreUnitID' as data type 'Bit'. The value in the database is 'int'* *[System.InvalidCastException] Error reading the column 'IgnoreUnitID' as data type 'Bit'. The value in the database is 'int'* This error would only occur in Modbus configuration databases that were upgraded from 10.95.x. Note that simply installing the critical fixes rollup will not repair a Modbus configuration database with this problem. To completely resolve this issue the user must restore the Modbus configuration to a backup from before the upgrade and then upgrade it again after installing the rollup.	Critical Fixes Rollup 1

Web Services Connector

Ref ID	Description	First Available In
81352	Resolved a crash that could occur when a REST service returned a REST exception. The exception is now properly handled.	Critical Fixes Rollup 5
82203	Web Services can now connect to SOAP services that require the SOAP 1.2 protocol. The Web Services point manager will first attempt to connect to the SOAP service with SOAP 1.1, and if that fails it attempts SOAP 1.2.	Critical Fixes Rollup 5
82240	The Web Services configurator failed to parse the schema correctly for SOAP services which rely upon externally imported WSDL documents. It would throw a System.InvalidOperationException. This has been resolved.	Critical Fixes Rollup 5
78587	If the user was adding a SOAP service in Workbench and the proxy assembly (WSDL) they were using defined more than one service, the error below would be shown when hitting "Apply". This has been resolved. [System.InvalidOperationException] Cannot create a connection to the web service. Error Details: Object reference not set to an instance of an object.	Critical Fixes Rollup 3
74868	The Web Services point manager would fail to return data and record a MissingMethodException in the TraceWorX log when executing or browsing certain SOAP methods.	Critical Fixes Rollup 2
75441	Executing SOAP methods that return an object with enum properties may return values in the wrong columns. This has been resolved.	Critical Fixes Rollup 2

Web Services Workbench Provider

Ref ID	Description	First Available In
79548	Previously, if the source of a web service API call is updated so that the schema changed, the return schema would have to be manually updated in the Web Services provider, otherwise values could appear in the wrong columns. Now, if the returned schema is different, the Web Services point manager will automatically attempt to match the new schema to the schema stored in the configuration so that, when possible, the client will receive the values in the correct columns. This allows the Web Services point manager to automatically react to small schema changes like a reordering of columns. For larger changes, it is still recommended to manually update the schema in the Web Services provider.	Critical Fixes Rollup 4

GENESIS64

Alarms and Notifications

AlarmWorX64 Logger

Ref ID	Description	First Available In
86956	Made a code change to reduce the frequency of the AlarmWorX64 Logger crashing when SQL Server is restarted or experiences intermittent network issues. In addition to applying this update, users who are experiencing this issue and cannot find or resolve the cause of the repeated SQL Server connection losses are advised to modify their connection string using the steps described in the ICONICS Knowledgebase.	New for Critical Fixes Rollup 6
88540	In a redundant scenario with a single AlarmWorX64 Logger and two logging databases, store and forward files were not loaded into the secondary logging database. This has been resolved. This was documented as known issue 65318 in 10.96.	New for Critical Fixes Rollup 6
75052 75212	When attempting to replay alarms that were logged to a SQL Server or Azure SQL database, the alarms would fail to replay, and this error would be logged in TraceWorX for the alarm logger point manager: "Archive Indexer: Failed to create ArchiveSet for *configuration name*: Login failed for user '*encrypted string*'". This has been resolved.	Critical Fixes Rollup 2
75860	Resolved an issue causing language aliases in the alarm message to not resolve the first time they are logged.	Critical Fixes Rollup 2
74055	Resolved an issue preventing logging to Azure SQL databases. Also resolved an issue preventing logging when "Use a custom database for logging" was selected and a database other than the configuration database was specified.	Critical Fixes Rollup 1

AlarmWorX64 Logger Workbench Provider

Ref ID	Description	First Available In
77645	Resolved an issue where filters created with the filter wizard used an incorrect syntax that would result in no alarms being logged.	Critical Fixes Rollup 3
74426	When configuring an alarm subscription in the alarm logger, if the user edited an existing subscription and replaced the tag rather than deleting the subscription and adding a new one, the categories or attributes may not be browsable. This has been resolved.	Critical Fixes Rollup 2

AlarmWorX64 Multimedia

Ref ID	Description	First Available In
91320	Resolved an issue that occurred when using multiple email agents for more than one SMTP service. AlarmWorX64 Multimedia's agent chose the wrong TLS level to establish a connection to the SMTP server, causing a connection failure due to a mismatch of this security protocol.	New for Critical Fixes Rollup 6
80717	Resolved an issue that could cause some agents in a non-looping action set to fail to receive return-to-normal or acknowledgment notices.	Critical Fixes Rollup 5
76466	Resolved an "Assembly not allowed" error message that could appear when trying to change the alarm filter on an action set. This error message would only appear on systems with Critical Fixes Rollup 1 installed.	Critical Fixes Rollup 2

AlarmWorX64 Multimedia Workbench Provider

Ref ID	Description	First Available In
52675	AlarmWorX64 Multimedia (MMX) configurations can now be safely kept in a database along with other ICONICS configuration databases (such as when using a unified configuration database). Users should use the standard Workbench, not the AlarmWorX64 Multimedia Configurator (Workbench Classic) to upgrade their AlarmWorX64 Multimedia configurations. Workbench Classic does not support upgrading databases at this time. (See known issues & limitations, reference ID 52673.)	Critical Fixes Rollup 3

Ref ID	Description	First Available In
77195	Copying and pasting items in the AlarmWorX64 MMX configurator would result in this error: "Failed to paste the item '*name*'. Unexpected error while invoking the service: The formatter threw an exception..." This issue only occurred with 10.96 systems with Critical Fixes Rollup 1 or 2 applied. This has been resolved.	Critical Fixes Rollup 3
76465	Resolved an issue causing the Test button for agents to fail. This issue only happened on 10.96 systems with Critical Fixes Rollup 1 installed.	Critical Fixes Rollup 2

AlarmWorX64 Server

Ref ID	Description	First Available In
87144	Resolved an issue where updates with some uncertain quality states were not properly ignored when the IgnoreQualityChange INI entry was set to 1.	New for Critical Fixes Rollup 6
88036	Configuration changes that disable alarms often cause a notification update. When this update occurs, the default subcondition, Rate of Change, is used. Now, instead of Rate of Change, a subcondition associated with the alarm type is used instead. (For example, limit alarms will use "lolo.")	New for Critical Fixes Rollup 6
82637	Fields accidentally configured with only spaces could cause alarms to not function as desired. Now the AlarmWorX64 Server ignores configuration fields when they only contain spaces.	Critical Fixes Rollup 5

AlarmWorX64 Viewer

Ref ID	Description	First Available In
78860	When a filter is used for both historical and realtime alarms, the "area" field is ignored for historical alarms. "Area" is not supported for historical alarms, so this allows the filter to be used by both realtime and historical at the same time. Filters configured this way should use the "Field" property and the appropriate attribute (Attribute 4 in the default logger configuration) to filter by area.	Critical Fixes Rollup 4
79450	Resolved an issue that could leave instances of GraphWorX64 hanging in Task Manager when working with displays that contained AlarmWorX64 Viewers with List or Flip Views.	Critical Fixes Rollup 4
80154	Resolved an issue causing the column headers to not match the column data when performing an export.	Critical Fixes Rollup 4
80230	Resolved an issue that could cause the Flip or List Views in an AlarmWorX64 Viewer to fail to load alarms on some page loads.	Critical Fixes Rollup 4
78719	Resolved an issue in the AlarmWorX64 Viewer that could cause language aliases to fail to resolve once a user has logged into security with a user that has that default language.	Critical Fixes Rollup 3
74579	Resolved a memory leak in the AlarmWorX64 Viewer's list mode. This leak was observed in the desktop (WPF) platform, but it may have affected Universal Windows Platform (UWP) as well. The fix was applied to both formats.	Critical Fixes Rollup 2
76339	Resolved a rare crash (page reload) the that could happen when switching away from a page with an AlarmWorX64 Viewer.	Critical Fixes Rollup 2
74466	Resolved an issue that could cause alarm and grid controls to not load properly with specific configurations involving hidden viewers and loading the viewer configuration file using global aliasing.	Critical Fixes Rollup 1

AlertWorX

Ref ID	Description	First Available In
78346	Resolved a rare issue that can cause files being transferred via AlertWorX to become corrupted. The most noticeable result of this was that ReportWorX64 email redirector tasks would send an email with no attachment or not send an email at all.	Critical Fixes Rollup 4
78886	Resolved an issue with Twilio voice calls that could occur when the WebAPI service was bound to a nonstandard port. The issue would cause Twilio to read an error message to the listener instead of the desired message.	Critical Fixes Rollup 3
75248	AlertWorX now validates that Twilio status updates are actually from Twilio before updating the status (Queued, Sent, etc.) of an alert. Previously only replies were verified, not status updates.	Critical Fixes Rollup 2

AssetWorX

Ref ID	Description	First Available In
76420	Resolved an issue retrieving cached values when the cache data source database connection was configured to use a SQL user.	Critical Fixes Rollup 2

Asset Navigator

Ref ID	Description	First Available In
74900	When navigating away from a display with an Asset Navigator that contained microcharts, the container (usually GraphWorX64) would crash. This has been resolved.	Critical Fixes Rollup 2
75909	Column styling rules that used @@self (most rules) were not being applied in the Asset Navigator unless a row rule was configured as well. This has been resolved.	Critical Fixes Rollup 2

AssetWorX Workbench Provider

Ref ID	Description	First Available In
73108	Resolved an issue that would cause the "Instance details" tab of instantiated assets to be read only. This only happened with configurations that were created using the Bulk Asset Configurator and then upgraded to 10.96 from a previous version.	Critical Fixes Rollup 1

Controls

Camera Control

Ref ID	Description	First Available In
80362	Resolved an issue where playback would stop (the streaming service would stop providing video) if there were a large number of clients (around 100 or more).	Critical Fixes Rollup 4
80739	Resolved an issue that could cause a black screen in the camera control when using RTSP streams if the camera sent an invalid origin.	Critical Fixes Rollup 4

EarthWorX Viewer

Ref ID	Description	First Available In
78853	Resolved a crash when opening GraphWorX64 displays containing EarthWorX Viewers with OGC/WMS map layers that were configured in version 10.95.	Critical Fixes Rollup 4
79563	When more than one OGC/WMS connection is available, under Map Type the collections from all OGC/WMS connections would be shown, not just the active connection. This has been resolved.	Critical Fixes Rollup 4
75650	EarthWorX pins with a clone dynamic could change size when zooming, becoming excessively large or excessively small. The effect depended on the zoom level where the pins were created. This has been resolved.	Critical Fixes Rollup 2

Table Control

Ref ID	Description	First Available In
77505	When displaying an expression in a table control or Fault Viewer column, initial values would not be shown for expressions. This may result in slow-changing expressions showing a blank value until the first time it updates after the display was opened. This has been resolved.	Critical Fixes Rollup 3
74537	Resolved an issue that would prevent a table control from properly refreshing when a dynamic source tag changes or an alias used in the tag name changes.	Critical Fixes Rollup 2
76455	Resolved an issue in the row styling rules of table and fault viewer controls. The formatting from the styling rules could show briefly and then disappear or disappear when the display was reloaded.	Critical Fixes Rollup 2

TrendWorX64 Viewer

Ref ID	Description	First Available In
83790	Resolved an issue where the AutoScaleMargin setting of the Create Pen command was not being applied.	New for Critical Fixes Rollup 6
81705	Resolved an issue that could cause manual pen ranges configured to be 0 to show as +/- 10 in runtime.	Critical Fixes Rollup 5
80637	Sampling intervals of a day or greater are no longer available in the runtime "Edit Trend Periods and Rates" dialog. This resolves an issue where sampling intervals of that length would case a crash. Also, the settings in this dialog are now validated before applying them.	Critical Fixes Rollup 4
77202	When setting the font color and foreground color a pen range style to a global color, changes would not be saved if the global color chosen was currently set to black (#000000). This has been resolved. (Note, this was only a problem for the traditional ranges, not shared value axes.)	Critical Fixes Rollup 3
73176	Drag and drop was not working when the target was a TrendWorX64 Viewer. This has been resolved.	Critical Fixes Rollup 1

GraphWorX64

Ref ID	Description	First Available In
79920	If an imported SVG file contained embedded images, GraphWorX64 would crash after the display had been saved, closed, and reopened. Also, publishing such a display would crash the web publishing wizard. This has been resolved.	Critical Fixes Rollup 4
77199	Resolved an issue causing "valueof:" expressions could fail to resolve in rare cases. This had to do with the order data sources were processed, which could make the issue appear random. Making small changes to the display could change the data source order and cause this issue to appear or disappear.	Critical Fixes Rollup 3
78302	Resolved an issue where the expression engine no longer recognized nested dollar-quotes ($" "$) as valid syntax. This behavior unintentionally changed when moving from 10.95.x to 10.96 and has now been restored to the 10.95.x syntax.	Critical Fixes Rollup 3
78634	Improved the SVG import when the imported SVG file contained gradient units of "userSpaceOnUse" (meaning the gradients were intended to be relative to the coordinate space of the parent viewport). This change can also improve other uses of "userSpaceOnUse" in SVGs beyond gradients.	Critical Fixes Rollup 3

3D Viewport

Ref ID	Description	First Available In
82628	Resolved a crash that could occur when moving an object in the 3D viewport when another 3D object is hidden in the same viewport. The crash would only occur when using the arrows within the viewer - the controls in the ribbon did not cause the crash.	Critical Fixes Rollup 5

RecipeWorX

Ref ID	Description	First Available In
91257	Resolved a rare crash in FrameWorX that occurred if a client behaved unexpectedly when browsing points from the recipe point manager.	New for Critical Fixes Rollup 6

Recipe Navigator

Ref ID	Description	First Available In
80763	Resolved an issue that would occur when a recipe navigator was configured with an initial selection and a custom root was in use that was deeper than one level (so in a structure of rcp:A.B.C, the problem would occur with a custom root at level B or deeper). The issue would case recipe grids to fail to load data when attempting to load the initial selection given by the connected recipe navigator with this issue.	Critical Fixes Rollup 4

ScheduleWorX64

Schedule Control

Ref ID	Description	First Available In
75924	Resolved an issue that could cause the "Override" and "Clear Override" buttons to be grayed out when logged into security, even if the user has the proper permissions.	Critical Fixes Rollup 2

Hyper Historian

Hyper Historian Workbench Provider

Ref ID	Description	First Available In
74485	Resolved a crash (System.InvalidOperationException) in Workbench that would occur when opening Historical Data > Hyper Historian > System Administration > Archiving Management.	Critical Fixes Rollup 1

Hyper Reader

Ref ID	Description	First Available In
77210	Using the Hyper Reader with an AggregateType of Delta and a ProcessingInterval greater than 2147483 would fail. This has been resolved.	Critical Fixes Rollup 3

Logger

Ref ID	Description	First Available In
79434	Boolean values can now work with the "Most Recent on Time" logging option.	Critical Fixes Rollup 4
80285	Resolved an issue that could cause the Hyper Historian logger to stop logging if a value with a specific timestamp was updated too many times (around 400 or more). This could happen if the OPC server was sending duplicate updates with the same timestamp.	Critical Fixes Rollup 4
75312	Some large Hyper Historian systems could stop logging after applying Critical Fix Rollup 1. This was due to a file transaction timing out. This timeout has been removed in Critical Fix Rollup 2 by default. These timeout settings can be changed from their defaults by making a config file change. Users who want to reinstate the timeout or who cannot install Critical Fix Rollup 2 and would like to disable the timeout to resolve this issue should contact technical support for more information.	Critical Fixes Rollup 2
76423	Synchronization tasks were not allowed by licensing when using a Hyper Historian Standard license. This was incorrect and has been resolved.	Critical Fixes Rollup 2

Performance Calculations

Ref ID	Description	First Available In
79063	Recalculation tasks reading from text files in the CalculationTasks folder no longer fail if there was an extra carriage return or line feed at the end of the file.	Critical Fixes Rollup 4

MergeWorX

Ref ID	Description	First Available In
74433	The MergeWorX service could crash when using an empty data point column in the input CSV file or an empty output point in the MergeWorX tag. This has been resolved. This was documented as a known issue in 10.96 (reference ID 72454).	Critical Fixes Rollup 1

IoTWorX & Internet of Things

Ref ID	Description	First Available In
80856	If a dynamic subscription was unsubscribed and the point also existed in a publish list, the publish list point would mistakenly be removed as well, causing it to go bad quality. This has been resolved.	Critical Fixes Rollup 4
74618	Resolved a deserialization vulnerability in the JSON encoder/decoder that could allow an attacker to execute arbitrary code on the server.	Critical Fixes Rollup 1

Internet of Things Workbench Provider

Ref ID	Description	First Available In
75362	Gateways in an IoT project may appear as offline even if the IoT Publisher module was online. This has been resolved.	Critical Fixes Rollup 2

IoT Collector

Ref ID	Description	First Available In
73131	For subscriber connections, an item named "OPC UA PUBSUB" became available as the default decoder when "Enable compatibility with ICONICS clients" was disabled. Editing this decoder resulted in an exception. This decoder has now been marked read only.	Critical Fixes Rollup 1

KPIWorX

Ref ID	Description	First Available In
78787	OGC/WMS map layers in EarthWorX Viewers or the KPIWorX Map component that were configured in version 10.95 would not render. This has been resolved.	Critical Fixes Rollup 4
79242	Categorical charts did not save the order of series mapped to a particular axis, meaning the order of the series could change after the dashboard was saved and reloaded. This has been resolved.	Critical Fixes Rollup 4
77374	Resolved an issue that could cause the trend viewer to shrink whenever the dashboard is loaded. Refreshing the browser page would reset the trend to its proper size.	Critical Fixes Rollup 3
77375	Resolved an issue preventing trend viewers in KPIWorX from showing data when unfrozen. This only happened on 10.96 systems with a Critical Fixes Rollup applied.	Critical Fixes Rollup 3
73206 73207	Resolved an issue causing emails sent from KPIWorX using the "share" functionality to be sent with no attachments.	Critical Fixes Rollup 1

MobileHMI & HTML5 WebHMI

HTML5, iOS, Android

Ref ID	Description	First Available In
79459	On systems with 10.96 Critical Fix Rollup 3 applied, in SVG objects using gradients and the "userSpaceOnUse" gradient units, the gradients were not rendered correctly in HTML5 displays. This has been resolved.	Critical Fixes Rollup 4
80034	Resolved an issue causing gradients to not display correctly.	Critical Fixes Rollup 4
77379	Using Alt-Tab to navigate away from an HTML5 page and back would prevent pick actions from working on the page. This has been resolved. Note, users may need to clear their browser's cache before this solution takes effect.	Critical Fixes Rollup 3
77730	The Back option has been added to the context menu of KPIWorX dashboards when they are loaded in the MobileHMI iOS or Android app. This resolves an issue when using the app version 10.96.001 where the back option is missing.	Critical Fixes Rollup 3
78636	Resolved a rare memory leak (that could eventually lead to a crash) of the HTML5 engine. This problem was related to FrameWorX connections that were not being properly disposed when displays were closed.	Critical Fixes Rollup 3
75651	When hosting a site through an application firewall or port rewriting engine with some configuration related to changing the authority part of the URL (scheme, host, or port), it is possible HTML5 pages would not load. This has been resolved.	Critical Fixes Rollup 2
72928	Resolved an issue that could cause HTML5 displays to randomly refresh.	Critical Fixes Rollup 1
74801	The first time a user connects with a new device to a MobileHMI or HTML5 server where web login is enabled, they may get redirected to a 404 file not found page. This has been resolved.	Critical Fixes Rollup 1

AlarmWorX64 Viewer

Ref ID	Description	First Available In
78780	Resolved a leak and eventual crash that would occur when unloading a display with the AlarmWorX64 Viewer in list mode. (The symptoms are the same as the issue solved with 76091 in Rollup 2, but there was a different root cause. Both are fixed as of Rollup 4.)	Critical Fixes Rollup 4
78211	Resolved two styling issues with borders in the HTML5 AlarmWorX64 Viewer. First, the control always had an additional black outer border. Second, when horizontal grid lines were shown, they were always black. The outer border and horizontal grid lines now obey the border color configured in the viewer.	Critical Fixes Rollup 3
74079	HTML5 alarm viewers would not execute commands selected from the details view of list or flip views. This has been resolved.	Critical Fixes Rollup 2
72782	The HTML5 AlarmWorX64 Viewer's "Acknowledge Selected" context menu option would allow the user to bypass the acknowledge dialog even if the "Force Comment" or "Always show Ack Dialog" settings were enabled. This has been resolved - now the "Acknowledge Selected" context menu option will bring up the acknowledge dialog in these cases.	Critical Fixes Rollup 1
73111	The HTML5 AlarmWorX64 Viewer and GridWorX Viewers now respect the IsScrollAsynchronous advanced property of the grid object. The HTML5 viewers should now behave the same as the desktop (WPF) viewer with respect to scrolling. Users who want to see the scrolling as it was in the original 10.96 release should set IsScrollAsynchronous to false. Users who want to see scrolling as it was in version 10.95 should set IsScrollAsynchronous to true (default).	Critical Fixes Rollup 1

Camera Control

Ref ID	Description	First Available In
75439	The HTML5 camera control would not display any video when viewing the display on a remote machine. This has been resolved.	Critical Fixes Rollup 2

Data Explorer

Ref ID	Description	First Available In
74993	HTML5 displays were not using the style configuration file for data explorers. This has been resolved.	Critical Fixes Rollup 2

EarthWorX

Ref ID	Description	First Available In
78787	OGC/WMS map layers in EarthWorX Viewers or the KPIWorX Map component that were configured in version 10.95 would not render. This has been resolved.	Critical Fixes Rollup 4
79196	Resolved an issue where pins with the clone dynamic are not correctly positioned in HTML5 EarthWorX displays. This issue would only occur when the pin was inside a group, the clone dynamic was applied to the group, then the cloned group was inside another group.	Critical Fixes Rollup 4
73204	Resolved an issue that would sometimes cause pushpins using the clone dynamic to not be properly cloned.	Critical Fixes Rollup 1

Fault Viewer

Ref ID	Description	First Available In
76455	Resolved an issue in the row styling rules of table and fault viewer controls. The formatting from the styling rules could show briefly and then disappear or disappear when the display was reloaded.	Critical Fixes Rollup 2
73297	Resolved an intermittent issue that could cause the Fault Viewer or Table controls to appear blank the first time a page was loaded since the HTML5 engine was started on the server.	Critical Fixes Rollup 1

GraphWorX64

Ref ID	Description	First Available In
85111	Resolved an issue where using a smart symbol to bind the MinWidth property of an object caused the HTML5 engine to crash.	New for Critical Fixes Rollup 6
81554	Resolved an issue with statefields appearing disabled or enabled/writable at inappropriate times.	Critical Fixes Rollup 5
78837	Resolved an issue that could prevent swiping between different pages of a pivot control if the pivot was in a scroll panel that didn't allow scrolling (such as if it was explicitly disabled or the content fit the available space and scrolling wasn't needed).	Critical Fixes Rollup 4
78852	Resolved an issue where the process point state selector ignored the order of state conditions. This resulted in behavior that was inconsistent with desktop (WPF) GraphWorX64. The state selector behavior is now consistent between the two formats.	Critical Fixes Rollup 4
79441	Path primitives in SVG objects were not rendered in HTML5 displays. (Path primitives are common elements in SVGs, so it is possible an entire SVG file would not have rendered due to this issue.) This issue only occurred on systems using 10.96 Critical Fix Rollup 3 or 10.96.1 Critical Fix Rollup 1 and has now been resolved.	Critical Fixes Rollup 4
79744	Resolved an issue that could cause the incorrect alignment of text in the Firefox browser. Centered labels would appear to have more space on one side than the other.	Critical Fixes Rollup 4
80183	Resolve an HTML5 engine crash (System.NullReferenceException, displays reload) when loading a display with an embedded screen where the parent and embedded display both use the same gradient.	Critical Fixes Rollup 4
76970	Resolved an issue that could sometimes cause characters at the end of a line to be cut off in a multi-line label with text wrapping enabled.	Critical Fixes Rollup 3
77920	Resolved an issue where data entry process points in the iOS MobileHMI app would not bring up the keyboard.	Critical Fixes Rollup 3
74777	Using a clone dynamic inside a layer with ReleaseDataWhenHidden set to true could cause the HTML5 display to crash. This has been resolved.	Critical Fixes Rollup 2
75844	Resolved an issue causing Load Display pick actions with a TargetType of Root Window to open the file in a new browser tab instead of the root window.	Critical Fixes Rollup 2
75886	When loading a display and setting local aliases using another unresolved alias, the alias didn't resolve on the display when the alias value contained a double quotation mark ("). This has been resolved.	Critical Fixes Rollup 2

Ref ID	Description	First Available In
76312	Resolved issues with clone dynamics nested inside other clone dynamics in HTML5 displays. These issues would result in the clones retrieving incorrect values.	Critical Fixes Rollup 2
76313	Resolved a rare issue that can cause discrete dynamics (such as hide) to misbehave after resubscribing to their data points (such as when a layer with ReleaseDataWhenHidden was made visible).	Critical Fixes Rollup 2
76440	When using a radio button to set the visibility of an object, the radio button was toggling the visibility, rather than paying attention to the button state. This has been resolved.	Critical Fixes Rollup 2
76943	Pick actions with the InitialClick option set to true and an execution trigger set for the right or middle mouse buttons were not executing on the initial click. This has been resolved.	Critical Fixes Rollup 2
72678	Resolved an issue with HTML5 screens where an object with a background color of "none" placed over a pick action will block the pick action. This is inconsistent with the behavior of desktop (WPF) screens. This was listed as a known issue in 10.96 (reference ID 72678).	Critical Fixes Rollup 1
73096	Selecting or double-clicking a pick action no longer executes the drag and drop pick action. This is now consistent with the desktop (WPF) platform's treatment of drag and drop pick actions.	Critical Fixes Rollup 1
73100	Resolved an issue that could cause tooltips to fail to resolve. This usually occurred when the tooltip included a global alias that resolved to part of a tag name or a whole tag name.	Critical Fixes Rollup 1
73143	Resolved an issue preventing panning in zoomed displays.	Critical Fixes Rollup 1
74248 74771	Resolved issues with clone dynamics nested inside other clone dynamics in HTML5 displays. These issues would result in the clones retrieving incorrect values.	Critical Fixes Rollup 1

GridWorX Viewer

Ref ID	Description	First Available In
74970	Added HTML5 support for the GridWorX chart series commands that were a new desktop (WPF) feature in version 10.96.	Critical Fixes Rollup 2
75067	Executing a virtual field command from a filtered GridWorX Viewer could use the wrong values. Parameters from the row were being used from the unfiltered dataset. This has been resolved.	Critical Fixes Rollup 2
76504	Resolved an issue preventing HTML5 GridWorX charts from being targets for global commands.	Critical Fixes Rollup 2
73111	The HTML5 AlarmWorX64 Viewer and GridWorX Viewers now respect the IsScrollAsynchronous advanced property of the grid object. The HTML5 viewers should now behave the same as the desktop (WPF) viewer with respect to scrolling. Users who want to see the scrolling as it was in the original 10.96 release should set IsScrollAsynchronous to false. Users who want to see scrolling as it was in version 10.95 should set IsScrollAsynchronous to true (default).	Critical Fixes Rollup 1
74033	Improved the placement of labels on pie charts.	Critical Fixes Rollup 1
74254	Resolved an issue that would sometimes cause an HTML5 GridWorX Viewer to fail to load data.	Critical Fixes Rollup 1

Schedule Control

Ref ID	Description	First Available In
75925	Resolved an issue causing the override functionality of the Schedule Control to stop functioning when the General tab was configured to be hidden.	Critical Fixes Rollup 2

Table Control

Ref ID	Description	First Available In
76454	Resolved a crash (display reloads) when the user requested a second page of data in the table control. This crash was most likely to occur when the table was configured with alternate row styling using global colors.	Critical Fixes Rollup 2
73297	Resolved an intermittent issue that could cause the Fault Viewer or Table controls to appear blank the first time a page was loaded since the HTML5 engine was started on the server.	Critical Fixes Rollup 1

TrendWorX64 Viewer

Ref ID	Description	First Available In
81845	The HTML5 TrendWorX64 Viewer now draws pens in the same z-order as the desktop (WPF) TrendWorX64 Viewer.	Critical Fixes Rollup 5
81872	The HTML5 TrendWorX64 Viewer can now correctly render historical data even if it is received as unordered samples. Previously it was only able to render historical data sorted by timestamp, and unordered samples could cause strange lines or incomplete rendering.	Critical Fixes Rollup 5
79318	In the HTML5 TrendWorX64 Viewer, the pen description is now requested as a data tag. This is now consistent with the desktop (WPF) implementation.	Critical Fixes Rollup 4
81072	X-axis tick mark labels now wrap rather than overlap each other.	Critical Fixes Rollup 4
77327	When adding or removing TrendWorX64 pens in runtime the HTML5 engine could crash (System.NullReferenceException), leading the display to refresh.	Critical Fixes Rollup 3
77328	Resolved an issue that could cause stacked plots to render incorrectly in HTML5 trend viewers when samples for the different pens had slightly different timestamps.	Critical Fixes Rollup 3
77416	The width of HTML5 TrendWorX64 Viewer bars in a bar plot is now limited to a minimum of 5 pixels with a minimum space of 1 pixel between samples. (Overlapping samples are not rendered.) This addresses an issue where bars were being rendered so small as to be hard to see.	Critical Fixes Rollup 3
74995	The style was not being applied to the default shared axis. This has been resolved.	Critical Fixes Rollup 2
75025	When a pen using a TimeShift was frozen, its details would not show the correctly shifted time. This has been resolved.	Critical Fixes Rollup 2
75096	Loading a configuration into a trend viewer would stop it from being able to be a target for commands. This has been resolved.	Critical Fixes Rollup 2

Workbench

Ref ID	Description	First Available In
75626	When attempting to unpacking a project on a system that had Critical Rollup 1 installed, a "Cannot initialize the utility" error would appear. This has been resolved.	Critical Fixes Rollup 2
73219	Resolved an issue causing unencrypted database connection strings (which may contain passwords) to be logged into TraceWorX by the Workbench point manager.	Critical Fixes Rollup 1
73221	Resolved a "ParentKey not set correctly" error that would occur when attempting to apply changes to items under Platform Services > FrameWorX > Server Settings. This error would only occur with FrameWorX configurations that were upgraded from 10.95.5. Note that simply applying the critical fix rollup will not repair a FrameWorX configuration database. To completely resolve this issue the user must restore the FrameWorX configuration to a backup from before the upgrade and then upgrade it again after applying the critical fix rollup.	Critical Fixes Rollup 1
73331	Files in the Project Files provider were ignored while unpacking, having to be manually restored using the "Restore archive files" option in the Project Files provider. This has been resolved - Project Files selected in the unpack wizard are now properly restored.	Critical Fixes Rollup 1
74154	File extensions are now verified in Project Files before they are restored via Workbench or the Pack and Go unpack utility. This addresses a potential vulnerability that would allow attackers with access to the database or pack file to insert malicious files into the system and restore them to a machine.	Critical Fixes Rollup 1
74211	Resolved a deserialization vulnerability in Workbench that could allow an attacker to execute arbitrary code on the server.	Critical Fixes Rollup 1

Workbench Classic

Ref ID	Description	First Available In
77275	Resolved an error in the Connect Database Wizard of Workbench Classic/AlarmWorX64 Multimedia configurator when attempting to connect to a SQL Server. The error details were: "The formatter threw an exception while trying to deserialize the message..." This error only occurred on systems with Critical Fixes Rollup 1 or 2 installed.	Critical Fixes Rollup 3
74393	Resolved a deserialization vulnerability in Workbench Classic that could allow an attacker to execute arbitrary code on the server.	Critical Fixes Rollup 1

Known Issues & Limitations

Ref ID	Description
61479	Network discovery no longer works on operating systems with the latest updates. This is due to Microsoft removing the SMBv1 and Computer Browser services. These services were removed for security reasons, as they were being leveraged in ransomware and other malware attacks. See this Windows support article for more information on why these services were removed: https://docs.microsoft.com/en-us/windows-server/storage/file-server/troubleshoot/smbv1-not-installed-by-default-in-windows There are currently no alternative methods for ICONICS products to use for accurate and safe network discovery. ICONICS recommends that in lieu of automatic network discovery users can add servers manually under Platform Services > FrameWorX > Network Settings > FrameWorX Network or OPC UA Network. For OPC Classic servers, add them under Platform Services > FrameWorX > Server Settings > GenBroker64 Settings. For the channel type (most likely "OPC over TCP/IP"), select the "Configure Nodes" icon in the first column and add your server name or IP address as a node.
39489	Due to a license performance enhancement, it is advised to restart the license service and FrameWorX services after applying a new license. This includes activating the trial license. Alternatively, the end user can reboot the PC.
79998	The format of AnalytiX-BI export files changed slightly at one point, making the export files before and after the update incompatible. This unfortunate change was required to resolve an issue. Attempting to import files using the old format will result in a "Cannot import item{\}. Error: Parent key not set correctly" error. As a workaround, the export files can be manually changed to be compatible with the new format. Follow these steps to update them: 1. Edit your export file in Excel or a text editor like Notepad. 2. Rename all "Data Flows" in entity paths to "DataFlows". 3. Rename all "Data Models" in entity paths to "DataModels". 4. Save the file. 5. Repeat the import. It should correctly import. These steps are required when exporting an AnalytiX-BI configuration from one of these versions: • 10.90 and any of its update packs • 10.95.x systems before 10.95.6.1 • 10.96.0 and its rollups And importing it into one of these versions: • 10.95.6.1 or later 10.95.x version • 10.96.1 or later (This information is also documented in the ICONICS Knowledgebase.)
72819 72861	The CFSWorX dispatcher dashboard display is not currently supported in HTML5. It should be used in the desktop (WPF) GraphWorX64. This is resolved in version 10.96.1 or later.
67774	Energy AnalytiX was not included in version 10.96 or 10.96.1 while we made some significant updates. Look for the new and improved Energy AnalytiX in version 10.96.2 or later.
71557	For BACnet, having more than one port enabled on a single network interface is not supported in version 10.96. It is supported starting in version 10.96.1.
72799	When using multiple global aliases in a data tag in GridWorX, the data might not be loaded correctly when the display is opened on the machine. This is resolved in version 10.96.1 or later.
47824	Installing BizViz after AlarmWorX64 MMX will cause the call-out agent to be unable to play voice when it calls out. This does not happen if BizViz is installed first.
52673	The AlarmWorX64 Multimedia Configurator (Workbench Classic) does not support upgrading AlarmWorX64 Multimedia configurations when they are contained in databases with other ICONICS configurations (such as unified configuration databases). You can only update these configurations by using the installation or the Configure System utility.

Ref ID	Description
75116	Changes to ATT credentials in ATT configuration objects do not take effect until the AlertWorX REST point manager is restarted. This can be done in Workbench via the "Point Manager" stoplight when an AlertWorX object is selected, or via the Services control panel by restarting ICONICS Alert REST Service (or the ICONICS FrameWorX Service, if the point manager is running in process - this is not common). This is resolved in version 10.96.1 or later.
46650	There is a known issue that may cause the TrendWorX32 Logger configurator to become unable to connect to the TrendWorX32 Logger Engine when running GENESIS32 and GENESIS64 together and after uninstalling GENESIS64. A reregistration of the TrendWorX32 Logger will mitigate this issue.
72771	If the edge device cannot connect to the IoT Hub for a period of time, messages older than two hours are removed from the queue and are not published into the IoT Hub after reconnection. This will cause gaps in data collection if the device is disconnected for more than two hours. This time period of two hours can be modified in the Azure Portal. It is the "Store and forward configuration - time to live" setting in the Edge Hub deployment. Users must deploy their device from Workbench per normal, then modify the first deployment in the Azure Portal to change this value. (Please consult Azure Edge Hub documentation if you cannot find this setting.) Note that increasing this value will require additional disk space on the edge device for storing the extra buffered data in the event of an extended disconnection.
72897	When an internet connection is re-established after an internet disconnection, it may take about 15 minutes to re-create the connection between the EdgeHub module running on the edge device and the IoT Hub running in the cloud. Note that no data should be lost in this situation. Data will be buffered and resent when the connection to the IoT Hub is made.
58862	The BACnet trend buffer is not synchronized correctly (creating a gap in the historical trend) when the Hyper Historian Logger Service has been stopped for a period of time (at least 15 minutes, but it's more likely to happen the longer the logger has been stopped).
67844	BACnet connectivity for the 10.96 IoTWorX edge devices is available in version 10.96.1. Note that users who require BACnet connectivity can continue to use the 10.95 version of the IoTWorX edge software, and that version 10.96 servers can communicate with and deploy to 10.95 edge devices. Please contact your local sales representative or email info@iconics.com with questions or feedback.
69596	Users upgrading an IoT Collector configuration from 10.95.x to this version should reconfigure their Hyper Historian tags in the following manner: tags should be placed within a folder that has a name matching the DeviceID of the IoTWorX device collecting the tags.
72687	When deploying a new IoT Analyzer configuration to a device, the IoT Analyzer may not pick up the online changes. You need to restart the container.
64954	Sending IoT Analyzer fault incidents to FDDWorX via IoT Hub and MQTT broker is not currently supported. Fault incidents can be sent by Platform Services (FrameWorX) communication. This support is available in version 10.96.1 and later.
68302	Loading a KPIWorX dashboard with the "Current Day" preset selected in the Calendar widget will display as a custom range instead of the preset. The range will still be the correct day, however.
63359	Esri maps are currently not supported in HTML5.
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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