

GENESIS32™ V9.01

Resolved Issues

V9.01
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Partner



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1 AlarmWorX™32 Resolved Anomalies

Summary

- Resolved an issue with the AlarmWorX32 Logger where under certain circumstances, it could ignore logging alarms that are configured to not require acknowledgement.
- Resolved an issue with the AlarmWorX32 Logger where it would not run as a service on Windows XP 64-bit edition.
- Enhanced the TraceWorX reporting capabilities of the AlarmWorX32 Logger, especially in the area of reporting status of the archiving thread.
- Resolved issues with the AlarmWorX32 Server that could occur when setting the "Requires Acknowledge" field to zero. In one case, it could cause the Alarm Viewer and Alarm Logger to malfunction. In another case, the Active Time would be missing for some digital alarms.
- Resolved an issue with the AlarmWorX32 Server where if the "AutoAck" configuration parameter is set to zero, the value of the alarm active time could get displayed as '1601/01/01'.
- Resolved an issue with the AlarmWorX32 Server where the Ack comment separator was not being placed correctly. It was being placed inside the comment field.
- Resolved an issue with the AlarmWorX32 Server where it could crash when ~1300 OPC DA tags are requested from GraphWorX32.
- Resolved an issue with the AlarmWorX32 Server where it was not able to run as a service on Windows XP 64-bit.
- Resolved an issue with the AlarmWorX32 Report ActiveX where the bar-type plots were not being displayed properly on a WebHMI Client. They would incorrectly appear in a "detailed grid" mode.
- Resolved an issue with the AlarmWorX32 Report ActiveX where using a Global Alias in the file path would result in the display of a chart instead of the data grid.
- Resolved an issue with the AlarmWorX32 Report ActiveX where it wouldn't run under a restricted user account on PortalWorX.
- Resolved an issue with the AlarmWorX32 Viewer where it could prevent GraphWorX32 from starting up correctly in the case where the Alarm viewer is referencing Global Aliases that are missing (not in the Global Alias configuration database).
- Resolved an issue with the AlarmWorX32 Viewer where the column widths were not getting saved properly.
- Resolved an issue with the AlarmWorX32 Viewer where it could crash if a tooltip had more than 256 characters.
- Resolved an issue with AlarmWorX32 system that could result in a crash when browsing the alarm attributes of the Cimetrix and N1 OPC Servers.
- Resolved an issue preventing the AlarmWorX32 Server and AlarmWorX32 Logger from running as services on Windows XP x64.

2 AlarmWorX™32 Multimedia Anomalies Resolved

Summary

- Resolved an issue with the AlarmWorX32 MMX Server where the acknowledge was not getting associated with the alarm in the case where an intermediate message state was getting filtered. (For example, if a High-High alarm was triggered and the alarm transitioned to the High state which happened to be filtered out, and if the High state was then acknowledged, the acknowledge did not stop the action set, even if the acknowledge message was not filtered out).
- Resolved issues with the AlarmWorX32 MMX Server Role ID that could prevent the Action Set from triggering.
- Resolved an issue with the AlarmWorX32 MMX Server where Alarms set to not require acknowledge would not correctly trigger the stop condition.
- Enhanced the AlarmWorX32 MMX Server adding event reporting for items logged to the journal table.
- Resolved an issue with localized versions of the AlarmWorX32 MMX Configurator (e.g. Czech translated version) where the import CSV or export CSV function could cause it to crash.
- Resolved an issue with the AlarmWorX32 MMX Configurator where schedules could show up in random order for some agents. This issue was seen with the Call-out Agent.
- Resolved an issue with the AlarmWorX32 MMX Configurator where the FAX template insert cover page was not working.
- Resolved an issue with the AlarmWorX32 MMX Mail Agent where the outgoing Acknowledge delimiter was different from the incoming delimiter. This was affecting the Acknowledge support.
- Resolved an issue with the AlarmWorX32 MMX Mail Agent where it could cause high CPU usage when it was read enabled and set to support Acknowledge.
- Resolved an issue with the AlarmWorX32 MMX Marquee Agent where it did not work with the EZpass marquee device. The Header and Trailer characters were made optional to address this issue.
- Resolved a localization issue with the AlarmWorX32 MMX Pager Agent that could cause the following the message appear "ResourseVersion entry missing from resourse!!!"
- Added an option to the AlarmWorX32 MMX Pager Agent to not have it restart when the MMX Server restarts itself. Note, the MMX will restart itself if it loses its connection to the configuration database, in order to recover the connection. Invoking this option prevents the MMX Pager Agent from restarting itself when this reconnection is attempted.
- Resolved an issue with the AlarmWorX32 MMX Pager Agent where it could crash when the application is run with a dialog box open.
- Resolved an issue with the AlarmWorX32 MMX Phone agent where it could have trouble closing after a write.
- Resolved an issue with the AlarmWorX32 MMX Phone Agent where it could crash as a result of clicking on the Call-in Agent in the Tree Control.
- Resolved an issue with the AlarmWorX32 MMX Phone Agent where the write requests were sometimes providing an incorrect success / failure indication.
- Resolved an issue preventing the AlarmWorX32 MMX Server from running as a service on Windows XP x64.
- Enhanced the AlarmWorX32 MMX Server adding an option to report journal information to GenEvent Server.

3 Data Mining Resolved Anomalies

Summary

- Revised the Data Mining ActiveX Control to not change the color when a row is selected.
- Added the ability to disable the Data Mining ActiveX Control's column sort feature. Added the IcoSetup.ini setting "EnableColumnSort" under [DBMining\Settings]. If the value is '= 1' the column sort is enabled. Otherwise it is disabled.
- Resolved an issue with the Data Mining ActiveX Control where the Window message used in the Grid's update dialog was not localizable. Added the IcoSetup.ini setting "BusyDialogMessage" under [DBMining\Settings] and put the localized string that you want to show as window message.
- Resolved an issue with the Data Mining ActiveX Control where the window title used in the DBMining/KPI Grid's update dialog was not localizable on PortalWorX/WebHMI. Added the IcoSetup.ini entry "BusyDialogTitle" under [DBMining\Settings] and put the localized string that you want to show as window title.
- Resolved an issue with the Data Mining ActiveX Control where the string used when there is no data in Grid's cells is not localizable. Added the IcoSetup.ini entry "EmptyValue" under [DBMining\Settings] and put the localized string that you want to show in this entry.
- Resolved an issue with the Data Mining ActiveX Control where the title used when there is no data in Grid's column is not localizable. Added the IcoSetup.ini entry "NoDataInColumnFormat" under [DBMining\Settings] and put the localized string that you want to show. If you want to visualize the tag name you have to put the tag "[T]" in the tag name's string definition. This field support also GAS and LAS tags.
- Resolved an issue with the Data Mining ActiveX Control where it would not run under a restricted user account on PortalWorX.
- Resolved an issue with the Data Mining OPC Server where the "Test SQL Query" function did not work for some specific cases.
- Resolved an issue with the Data Mining OPC Server where it didn't work with parameters when used with the Proficy Historian Database.
- Resolved an issue with the Data Mining OPC Server where it would not work if its configuration information was stored in a SQL Server database.
- Resolved a localization issue with the Data Mining OPC Server's Configuration Database wizard.

4 DataWorX32 Resolved Anomalies

Summary

- Resolved an issue with DataWorX32 where the traffic light on the configurator was not always correctly showing the status of the DataWorX32 Server / Runtime.
- Resolved an issue with DataWorX32 where its runtime component did not unregister from GenRegistrar when the user stopped the DataWorX32.
- Resolved an issue with DataWorX32 where it could crash if the user performed a certain sequence of steps (e.g. start the Runtime, stop it, close the Configurator, re-open the Configurator, and then restart the runtime).
- Resolved an issue with DataWorX32 where the Monitor View could throw an error when a register name was changed.
- Resolved an issue with DataWorX32 where it was seen to crash when performing a CSV file import of 10,000+ registers.
- Resolved an issue with the DataWorX32 Tunneling licensing.
- Resolved a memory leak issue in the TrendWorX32 Logger that was related to its use in DataWorX32 Redundancy applications.
- Enhanced WebHMI to support redundant OPC Servers. WebHMI applications will now automatically failover to the backup OPC DA Server, AlarmWorX32 AE Server, or TrendWorX32 HDA Server as needed, as part of a DataWorX32 Professional redundant system.
- Resolved an issue preventing the DataWorX32 Runtime from running as a service on Windows XP x64.
- Resolved a localization issue with the DataWorX32 Configuration Database wizard.
- Resolved an issue with DataWorX32 Redundancy support where a TrendWorX32 HDA client did not always replay from the active secondary HDA Server.
- Resolved an issue with DataWorX32 Redundancy support where the AlarmWorX32 Logger could return to the active state prematurely.
- Resolved an issue with DataWorX32 Redundancy support where the TrendWorX32 Logger could return to the active state prematurely.

5 Expression Editor Resolved Anomalies

Summary

- Resolved an issue with the Expression Editor where it was not supporting translations correctly.
- Resolved an issue with the Expression Editor where Bittest function did not work for negative numbers.

6 GenBroker Resolved Anomalies

Summary

- Resolved an issue with GenClient where it could cause a crash when browsing the alarm attributes of the Cimetrics or N1 OPC Servers.

7 GenRegistrar Server/Licensing Resolved Anomalies

Summary

- Resolved an issue with the new V9 feature that supports allocation of WebHMI licenses based on node names.
- Resolved an issue with the GetDispatch function of the GenRegistrar automaton wrapper where it did not work when IsBrowser was set. Normally the GetDispatch function of the GenRegistrar automation wrapper gives you a reference back to a GWX32 instance. This also works if you are using a central license server. However if instead of using multiple fully qualified GENESIS32 systems, you have some browser nodes, this was not working, but now is fixed.
- Updated the Licensing support files (CrypKey files) to the latest versions which contains fixes for the intermittent CKERR -1005, -1015, -1021 and -1022 errors.
- Resolved an issue with GenRegistrar that could prevent GenTray from being able to close applications when configured as a Browser.

8 GenTray Resolved Anomalies

Summary

- Resolved an issue with GenTray where it did not run properly on Windows XP x64.
- Resolved an issue with GenRegistrar that could prevent GenTray from being able to close applications when configured as a Browser.

9 GraphWorX™32 Resolved Anomalies

Summary

- Resolved an issue with GraphWorX32's support for saving display to Pocket GraphWorX V8 format. Once the file was saved to this format, GraphWorX32 could no longer open the file and edit it.
- Enhanced GraphWorX32's Automation Interface adding support for the events OnViewChange, OnWindowChange and OnDisplayChange.
- Resolved an issue with GraphWorX32 where it was not able to properly upgrade a display from V5.2 to V9.0. After the upgrade, the pick actions and toggle actions were not functioning and the GraphWorX32 runtime would post a "Cannot download xxx: not within range 0 to 0 for point opc_tag_name" error message.
- Resolved an issue with GraphWorX32 where objects could vanish during runtime for no apparent reason.
- Resolved an issue with GraphWorX32 where the dirty bit was not getting set when saving a V9 display as V8. This would result in GraphWorX32 prompting 'Do you want to save' when attempting to close, after saving a V9 display as V8.
- Resolved an issue with GraphWorX32 where it could crash when using automation to open a display in a popup window.
- Resolved an issue with GraphWorX32 where the Display Forward and Back did not work using OLE Automation from VB6 or .NET.

10 Language Aliasing Resolved Anomalies

Summary

- Resolved an issue with the Language Switching support where it was not defaulting to the language selected in the configurator as the default language.
- Resolved an issue with the Language Switching support where the Language Helper functionality was missing in LASClient.dll.

11 MonitorWorX Resolved Anomalies

Summary

- Added support for translation resource files to MonitorWorX and fixed several localization issues.
- Resolved an issue with MonitorWorX where it could start consuming nearly 100% of the CPU. This condition, though seemingly random, was often triggered by the killing of one of the GENESIS32 application via the Task Manager.
- Resolved an issue with MonitorWorX where it could occasionally deadlock. The symptom of the issue was that the MonitorWorX CPU usage was 0%, and if other applications such as DataWorX32 were launched, the applications would block on a call to GenClient. In the case of DataWorX32, the splash screen would show and then hang there until MonitorWorX.exe is terminated, at which point the pending applications were freed and would resume operation.
- Enhanced MonitorWorX adding an option of disabling the message balloons. To disable balloons, put the following into IcoSetup.ini: [MonitorWorX\Options] NoBalloons=1
- Resolved a typographical error with MonitorWorX GUI.

12 ProjectWorX™32 Resolved Anomalies

Summary

- Resolved an issue with ProjectWorX32 / ReportWorX where the user was not able to add or create ReportWorX configurations in ProjectWorX32.

13 ScriptWorX™2006 Resolved Anomalies

Summary

- Resolved an issue with ScriptWorX2006 where it couldn't be set up to run as a service unless a user was logged in.
- Resolved an issue with ScriptWorX2006 where it would under certain conditions, report a GenClientWrapper failure.
- Resolved an issue with ScriptWorX2006's handling of compile error reporting. If a compile error occurred, the error was not shown in the VBA window with a descriptive message. Instead, a message was shown saying "Unable to build VBA Project. Unspecified Error".
- Resolved an issue with ScriptWorX2006 where its configurator's language didn't change with the other configurators.
- Resolved an issue preventing the ScriptWorX2006 Runtime from running as a service on Windows XP x64.
- Resolved an issue with ScriptWorX32 where the Event scripts did not fire.

14 Security Resolved Anomalies

Summary

- Resolved an issue with the Security Login Exe where the Security Server could crash on a Domain pull.
- Resolved an issue with the Security Configurator where the default NT Synchronization Period was '1' minute, but should have been '0'
- Resolved an issue with the Security Configurator where it would not provide the capability of halting the synchronization of the NT Security groups after it has been performed initially.

15 SNMP Connector Resolved Anomalies

Summary

- Resolved a localization issue with the SNMP Configurator's Configuration Database wizard.
- Resolved an issue with the SNMP interface where it didn't work with some SNMP V1 devices. To address this issue, a field was added in the IcoSetup.ini file that specifies which version of SNMP the users want to use. The default value is SNMPv2 (in the .ini file: [SNMP\Configuration]SNMPVersion=2), but if there are compatibility problems the user can manually set it to SNMPv1 ([SNMP\Configuration]SNMPVersion=1).
- Resolved an issue with the SNMP interface's support for SNMP Traps where it could cause the quality to go bad on the SNMP values.
- Resolved several localization (language translation) issues with SNMP Explorer.
- Resolved an issue with the SNMP Configurator where it did not respond to changes to the global language settings.
- Resolved an issue with the SNMP Configurator / MIB Manager where it was showing the path with "Prophecy" in the folder name.

16 TraceWorX™32 Resolved Anomalies

Summary

- Resolved an issue with TraceWorX32 where one of its functions (DlgWrapper.dll) wasn't properly checking the size of one of its input parameters. Passing too many characters to this function could have resulted in a buffer overflow condition.

17 TrendWorX™32 Resolved Anomalies

Summary

- Resolved an issue with the TrendWorX32 HDA Server where it could not be run as a service on Windows XP x64 Edition.
- Resolved an issue with the TrendWorX32 Logger with logging to a MS SQL 2005 database. Specifically, while data logging to MS SQL 2005, within the same logging group, values of TagX would be written in place of values for TagY during the batch update phase of the data to the data base.
- Added a configurable option to the TrendWorX32 Logger (TWXSQLSvr) to have it wait until it gets a good quality evaluation of the expression before it starts data logging it. The option can be turned on via an IcoSetup.INI file setting. It is a DWORD value under HKLM\Iconics\TWXSQLSVR\Data with the name IgnoreFirstBadExpression. Setting it to a "1" turns this option on.
- Resolved an issue with the TrendWorX32 Logger where it could not be run as a service on Windows XP x64 Edition.
- Resolved an issue with the TrendWorX32 Viewer where OPC tags couldn't be used for alarm line for pens.
- Resolved an issue with the TrendWorX32 Viewer where the AddHistoryPen automation method didn't always pull in correct number of samples. This was observed when using iHistorian as the HDA Server.
- Resolved an issue with the TrendWorX32 Viewer's Totalizer support that could occur when the user changes the trend period, resulting in the totalized pen values going negative.
- Resolved an issue with the TrendWorX32 Viewer where the pen names would appear not assigned and the display scroll bar would disappear.
- Resolved a memory leak issue in the TrendWorX32 Logger that was related to its use in DataWorX32 Redundancy applications.

18 Unified Data Browser Resolved Anomalies

Summary

- Resolved an issue with the Unified Data Browser where many of the tabs were not translatable.

19 Unified Data Manager Resolved Anomalies

Summary

- Resolved a localization issue with the Unified Data Manager Configuration Database wizard.
- Resolved an issue with the Unified Data Manager Configurator where the Filter wizard was not localized (language translatable).
- Resolved an issue with the Unified Data Manager where a Date/Time trigger skipped an event as a result of a change from Daylight savings time.

20 WebHMI™ Resolved Anomalies

Summary

- Enhanced WebHMI to support redundant OPC Servers. WebHMI applications will now automatically failover to the backup OPC DA Server, AlarmWorX32 AE Server, or TrendWorX32 HDA Server as needed, as part of a DataWorX32 Professional redundant system.
- Resolved an issue with WebHMI where the user was unable to download values into a Global Alias Tag.
- Resolved an issue with WebHMI where GenBroker Plug-in Tags (tags from the Unified Data Manager runtime, SNMP runtime, or ScriptWorX2006 server) would be view-able on a WebHMI Client.
- Resolved an issue where the User password used for web publishing using FTP was not being encrypted.

21 Other Resolved Anomalies

Summary

- Resolved an installation issue where it wasn't attempting to shut down the PortalWorX Service if it was running at the time of installation.

22 Known Issues

Summary

- To install, uninstall, or execute any of the GENESIS32 components on Microsoft Windows Vista, you must have Vista's User Access Control (UAC) disabled.
- There is a known issue with the Recipe Control ActiveX when used on a non-English Windows Operating System. The values and decimal point do not show up correctly. A hot-fix is available from ICONICS to address this issue. Please check the ICONICS Tech Support web site for this hot-fix and for other software updates.
- The files that have been updated as part of this release have their File and Product versions set to "9.00.166.xx". One exception is the TwxReport.exe file which has a File and Product version of 9.00.167.0. The Help-About popup window within each GENESIS32 application may be used to verify that V9.01 (V9 SP1) is installed on the system.

About ICONICS

ICONICS is a leading provider of award-winning enterprise manufacturing intelligence and automation software solutions.

ICONICS' solutions deliver real-time visibility into all enterprise operations and systems, helping companies to be more profitable, more agile, and more efficient. As a Microsoft Gold Certified Partner, ICONICS designs its solutions from the ground up to take maximum advantage of Microsoft .NET and SharePoint Portal Server technology, offering an unprecedented level of performance and ease of use.

Our award-winning GENESIS32 automation software solutions can improve productivity, reduce integration and operating costs, and optimize your asset utilization, giving your organization a competitive edge. All ICONICS products are based on "open standards," using OPC-to-the-Core technology leveraging proven architecture and lower TCO of mainstream Microsoft platform, and connect to your existing infrastructure. We have more than 200,000 applications running worldwide serving top manufacturing companies.

ICONICS' **BizViz** suite of products provides real-time manufacturing intelligence from the production floor to the boardroom, turning real-time information into your competitive advantage.



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