

GENESIS32

V8.04 Resolved Anomalies List

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OPC Automation at your fingertips

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GENESIS32 V8.04 Anomalies Resolved

AlarmWorX32 Resolved Anomalies

#	Summary
1	Resolved an issue with the AlarmWorX32 Viewer where it exhibited incorrect behavior when performing mouse-clicks in a specific area of the viewer. In some cases, two alarms would get marked, resulting in both getting acknowledged when doing a double-click.
2	Added an option to the AlarmWorX32 Viewer to enable or disable scroll bars through scripting. The methods that were added are: ShowVertScrollbar and ShowHorzScrollbar.
3	Added an option to the AlarmWorX32 Viewer to enable or disable headers through scripting.
4	Resolved an issue with the AlarmWorX32 Server where an acknowledged alarm would not go away (in the alarm viewer) under a certain condition. The condition that this was observed was when the alarm value toggled between high alarm, low alarm, and back to high alarm, and then was acknowledged immediately after going to high alarm the second time.
5	Resolved an issue with the AlarmWorX32 Viewer's method onLeftMouseClicked, where the event was being fired twice instead of once.
6	Resolved an issue with the AlarmWorX32 Container where it was not getting the correct Icid on startup – resulting in the container being displayed in English instead of the selected language.
7	Resolved an issue with the AlarmWorX32 Viewer where alarms configured to flash would stop flashing temporarily after the user scrolls down to the bottom of the alarm list and then scrolls back up.
8	Enhanced the tracing support in the AlarmWorX32 Viewer making it more thread safe.
9	Resolved an issue with the AlarmWorX32 Container where it incorrectly defaulted to English when it was started in runtime mode.
10	Resolved an issue with the AlarmWorX32 Server Configurator where multi-selection with Shift+Down did not work.
11	Resolved an issue with the AlarmWorX32 Server that could cause it to crash (deadlock) when switching a certain GraphWorX32 screen.
12	Resolved an issue with the AlarmWorX32 Viewer where a large (greater than 256 character) help text string could cause the Viewer and consequently GraphWorX32 to crash.
13	Resolved an issue with the AlarmWorX32 Alarm Report ActiveX where the Title was not OEM-able.
14	Resolved an issue with the AlarmWorX32 Logger Configurator where it was not able to be run over Terminal Services.
15	Resolved an issue with the AlarmWorX32 Server where an alarm could require acknowledgement even though the "Req Ack" field is set to "0" for the alarm. One scenario that resulted in this behavior was the case where two alarms were created for the same point where one had the "Req Ack" field set to 0 and the other had the "Req Ack" field set to "1".
16	Resolved an issue with the AlarmWorX32 Server crashing.
17	Resolved an issue with the AlarmWorX32 Viewer Alarm Filters where Global Aliases were not being supported inside the expression editor when filtering alarms.
18	Resolved an issue with the AlarmWorX32 Viewer GUI where the Filter Option dialog box could get being hidden behind GraphWorX32 popup windows, if the GraphWorX32 popup windows are configured to be "Always On Top".
19	Resolved an issue with the AlarmWorX32 Server where Deviation alarms did not work if a raw value was entered into the Input2 field.
20	Resolved an issue with the AlarmWorX32 Server where an alarm could come back into view

	after the Ack required bit (generated by an OPC Tag) goes to the value of 1. The specific scenario is: 1) Create an alarm where the ack required is determined by an OPC bit. 2) Create a GWX display with an AWX viewer. 3) Set the ack-required bit to 0 and trigger the alarm. 4) Set the alarm back to normal. The alarm leaves the viewer as expected. 5) Set the ack-required bit to 1. The alarm comes back into the viewer as an unacknowledged but normal alarm. In version 9, the Alarm Server will not re-activate the alarm in this scenario.
21	Resolved an issue with the AlarmWorX32 Server where an alarm not requiring acknowledgement could disappear. This could occur if the alarm went into a state that required acknowledgment, and then went to a state that did not require acknowledgment before going back to normal. In this case, the alarm would disappear instead of remaining in the alarm list until acknowledged.
22	Resolved an issue with the AlarmWorX32 Viewer where the AckFiltered method sometimes incorrectly performed a global acknowledge.
23	Resolved an issue with the AlarmWorX32 Viewer where the sorting on a column with an attribute did not work properly.
24	Resolved an issue with the AlarmWorX32 Viewer where the Vertical scrollbar didn't come back after using the ShowVertScrollbar method.
25	Resolved an issue with the AlarmWorX32 Server where an alarm was requiring acknowledgement even though the same alarm's "Req. Ack." field in the Alarm Server was set to "0".
26	Resolved an issue with the AlarmWorX32 Server where Deviation alarms did not work if a raw value was entered into the Input2 field.
27	Enhanced the AlarmWorX32 Server to support the ability to generate the TimeInAlarm Value, making it available as an OPC DA Tag. In some applications, this can be used to eliminate a great deal of SQL activity. Note, an OPC DA client can now browse the Alarm Server 8 newly added tags – LIM_ActiveTime, DIG_ActiveTime, ROC_ActiveTime, DEV_ActiveTime, LIM_ActiveTimeUTC, DIG_ActiveTimeUTC, ROC_ActiveTimeUTC and DEV_ActiveTimeUTC. These tags identify the VT_DATE time that the tag went into alarm. This allows users to evaluate the tag in a script that will, for example, trigger an action if the alarm exists for a certain period of time.
28	Resolved an issue with the AlarmWorX32 Viewer where Global Aliasing did not resolve in subscription node.
29	Revised the way AlarmWorX32 Server handles the Ack-Required bit so that when it is zero (indicating the alarm does not require acknowledgement), that it results in the alarm being acknowledged. If an alarm occurs and is cleared while the Ack-Required bit is zero, and if the bit subsequently goes to a one, there will be no indication of an un-acknowledged alarm. The previous version of AlarmWorX32 Server would have shown an un-acknowledged alarm in this case.
30	Resolved an issue with the AlarmWorX32 Viewer where Global Aliasing didn't work in areas over WebHMI. The issue was caused by an incorrect version of AlarmOle.dll.
31	Resolved an issue with the AlarmWorX32 Viewer's support of time comparisons. Specifically, the AlarmWorX32 Viewer uses ActiveTimeUTC in filter comparisons when you specify the {{ActiveTime}} field. This caused problems as the SelectedColRowInfo() method returns the ActiveTime. For example, when in British Summer Time, SelectedColRowInfo give you the time in BST. If you then use VBA to add a filter comparing {{ActiveTime}} to this value, it worked incorrectly as {{ActiveTime}} is in GMT (1 hour behind). As you could not add ActiveTimeUTC to the Alarm Viewer, {{ActiveTime}} in the filter should give you the ActiveTime and not ActiveTimeUTC. This issue was resolved by adding localization to the alarm filter when using time comparison
32	Resolved an issue with the AlarmWorX32 Viewer where it could cause a GraphWorX32 crash during a heavily-loaded screen switching test. (Note, this issue was newly resolved in the SP2a update).

AlarmWorX32 MMX Resolved Anomalies

#	Summary
1	Enhanced the MMX Configurator's Automation Interface adding support for ImportData and ExportData functions.
2	Enhanced the MMX Configurator's Automation Interface adding support for a new CreateDatabase function.
16	Enhanced the MMX Phone Agent adding support for the Dialogic phone line configuration utility.
4	Enhanced the MMX Marquee Agent, expanding the support for the "trailing character" so that it can be a string (just like the Header). The syntax allows the intermixing of ASCII codes with regular text.
5	Enhanced the MMX Marquee Agent updating the method in which messages are sent to the Ethernet hardware marquee – to send the header, body, and footer within one TCP/IP "send" message.
6	Resolved an issue with the MMX Hardware Ethernet Marquee Agent where it was only able to communicate to devices that had a DNS entry. The new version can communicate to devices that do not have a DNS entry.
7	Resolved an issue with the MMX Phone Agent where the transfer to an incoming call could cause a second outgoing call.
8	Enhanced the MMX Server adding support for triggering action sets off of an Acknowledge message state. Enabling this feature will cause an acknowledge message to be treated as an alarm for triggering the action sets.
9	Resolved an issue with the MMX Server where it was incorrectly showing the running state. In some cases, it was reporting off when it was still running.
10	Resolved an issue with the MMX Server's support for TraceWorX32 that could cause a crash in TraceWorX32. In some cases, this crash caused the MMX Pager to stop sending out pages.
11	Resolved an issue with the MMX Server where it would not reconnect to SQL server if connection is lost.
12	Enhanced the tracing support in the AlarmWorX32 viewer making it more thread safe.
13	Resolved an issue with the MMX Marquee Agent that was causing it to not work with a particular Ethernet-based marquee (Adaptive Alpha Premiere 9000 series model #9240C) because of some extra spaces that were being added to the outgoing send message.
14	Resolved an issue with the MMX Server where an Alarm trigger could incorrectly reset the action sets.
15	Resolved an issue with the MMX Server where the system did not cycle through all items in the action set – because the schedule was incorrectly set to false in some cases. This could result in alarms going out when they should not.
16	Enhanced the MMX Server to report the agent destination in the ActorID.

Data Mining Anomalies Resolved

#	Summary
1	Enhanced the Unified Data Browser wizard for the Data Mining OPC Server adding some of the capabilities supported by the Data Mining configurator dialogs. In particular, the wizard now supports: 1. Ability to Move Up / Move Down parameters in List Controls 2. An edit button to change parameter value in List Control 3. Ability to update state of buttons over List Controls

2	Resolved an issue with the Data Mining OPC Server where it was unable to reconnect to a remote Oracle Database once the connection was failed.
3	Resolved an issue with the Data Mining OPC Server where it was unable to reconnect to a remote SQL Server Database once the connection was failed.
4	Resolved an issue with the Data Mining OPC Server where, after creating a new datasource, the initial update was not being sent. (The first datasource would work fine, the second and others would show "*****" in GraphWorX32).
5	Resolved an issue with the Data Mining OPC Server where the @@Refresh tag was read only.
6	Enhanced the Data Mining ActiveX Control to add support for executing stored procedures that return a 2-dimensional array.
7	Resolved an issue with the Data Mining ActiveX Control where the columns were not getting displayed when the Data Mining Grid was empty.
8	Enhanced the Data Mining ActiveX Control's Automation Interface to support functions to count the rows and columns. The new functions are GetColumnsNumber() and GetRowsNumber().
9	Resolved an issue with the Data Mining ActiveX Control where using a Stored Procedure as an ADO Data Source Refresh was clearing Data.
10	Resolved an issue with the Data Mining ActiveX Control where the frame around Data Mining Grid didn't change even though the VBA properties for the BorderType were changed.
11	Resolved an issue with the Data Mining ActiveX Control where the GridBackGround color did not change even though the VBA properties for the grid BackGround color were changed.
12	Resolved an issue with the Data Mining ActiveX Control where the title bar did not always disappear when the VBA property "DisplayGridTitle" was change it to False.
13	Enhanced the Data Mining ActiveX Control's Automation Interface to support the capability to de-select all selected rows by a VB or VBA command.
14	Resolved an issue with the Data Mining ActiveX Control where it would reconnect to a database even when the user chose to disconnect.
15	Enhanced the Data Mining ActiveX Control's Automation Interface to support a function to retrieve the coordinates of the current selected cell. The new functions are GetSelectedRowIndex() and GetSelectedColIndex().
16	Enhanced the Data Mining ActiveX Control to support selection of multiple tags when deleting and to give the user the ability to select multiple tags for deletion from the list of tags in data mining properties.
17	Enhanced the Data Mining ActiveX Control adding support for Global Aliasing.

DataWorX32 Anomalies Resolved

#	Summary
1	Resolved an issue with DataWorX32 where if you select a register in the monitor view dialog you could receive the following error: "Can't add/remove the Register 'Address Space.R001' into/from OPC DA group."
2	Resolved an issue with the DataWorX32 Configurator where it could crash if the user attempted to modify the configuration while the DtataWorX32 runtime was not running (for example, not running due to manually killing the runtime process).
3	Resolved an issue with the DataWorX32 Runtime where it was not able to load a specific Microsoft Access-based configuration database file unless the file was first compacted and repaired. The DataWorX32 Runtime was enhanced to be more tolerant of less-than-optimal Access-base configuration files.

4	Resolved an issue with the DataWorX32 Runtime where it was not able to load a V6 configuration file that is using more than 4096 characters to describe the output tag names for one of the registers. (Note, the number of outputs a register could have was unlimited in 7.0 and earlier versions, but was limited to 4096 characters for all the output tag names in v8.0.
5	Resolved an issue with the DataWorX32 Runtime where SyncRead from a device incorrectly returns bad quality.
6	Resolved an issue with DataWorX32 where the "Create Status Register" function for Redundant nodes did not work.
7	Resolved an issue with DataWorX32 where it was ignoring all of the security settings for the application actions.
8	Resolved an issue with DataWorX32 where it could lose items if the F5 key was pressed to refresh and then the configuration was exported to CSV.
9	Enhanced DataWorX32 increasing the size of the OPC Outputs box, making it possible to see the entire tag in the OPC Outputs box of a register.
10	Enhanced DataWorX32 adding a user-configurable option to ignore security. This option may be useful for WebHMI client users that want to remotely write to DataWorX32 points without having to logon to DataWorx32.

Expression Editor Anomalies Resolved

#	Summary
1	Resolved an issue with the Expression Editor where OPC tags in the substring() function of expressions caused a crash in some ICONICS applications. This has been seen in GraphWorX32, DataWorX32 and the AlarmWorX32 Server Configurator.
2	Resolved an issue with the Expression Editor where 32-bit DWORD values were incorrectly being limited to 2 billion.
3	Resolved an issue with the Expression Editor where it could cause a DataWorX32 runtime error when DataWorX32 was trying to use a CSV-based imported configuration file.

GenBroker Anomalies Resolved

#	Summary
1	Resolved an issue with GenBroker where it was allowing the port number to changed from default 38080 to a different port.
2	Resolved an issue with GenBroker Configurator where its dialog box did not update correctly when selecting interfaces.
3	Resolved an issue with GenBroker Configurator where it was graying-out the dialog box for entering the VCRWorX32 Node Type, not allowing the user to complete the entry.
4	Removed GenBroker's dependency on GenRegistrar, making it possible to create a standalone GenBroker installation without GenRegistrar. Additionally, GenBroker no longer depends on GenRegistrar when it is running as an NT Service.
5	Resolved an issue with GenClient-GenBroker communications support for remote access of the GetPenComments automation method of the TrendWorX32 Logger.
6	Resolved an issue with GenClient when used in WebHMI where it could cause Internet Explorer to hang when using the Internet Explorer navigation buttons.
7	Resolved an issue with GenClient when used in WebHMI where it could cause Internet Explorer to hang when using the Internet Explorer navigation buttons.
8	Improved GenClient's detection of OPC Server failures. The detection of server failures is now much faster.
9	Resolved an issue with GenClient where it was having trouble working with non-.Net base OPC DA Servers (such as the Siemens XML-DA OPC Server).

10	Resolved an issue with GenClient where it could not write to any XML-DA values.
11	Resolved an issue with GenClient where the CPU usage was seen to go to 100% when running TrendWorX32 Report.
12	Resolved an issue with GenClient where events were not logged under the correct node using terminal server.

Global Aliasing Anomalies Resolved

#	Summary
1	Resolved an issue with the Global Aliasing Client interface software that was preventing the client from working with a Version 7.2 Global Aliasing (server) Engine.
2	Resolved an issue with the Global Aliasing Engine where setting global aliases was not working on child windows. Basically it was not possible to set the Global Aliasing theme at a level other than the one you were currently on.
3	Resolved an issue with Global Aliasing where setting a Global Alias in a sub level was broken. Specifically, if the user created a button on a parent display to set a global alias in a child or popup, it did not work. Basically it was not possible to set the alias at a level other than the one you were currently on.

GraphWorX32 Anomalies Resolved

#	Summary
1	Resolved an issue with GraphWorX32 where it could freeze when closing a VBA window after adding a button with the action set to "Select Language" and calling up the UDB to browse.
2	Resolved an issue with GraphWorX32 where the Languages Aliases were not updated correctly on a WebHMI Client.
3	Resolved an issue with GraphWorX32 where the Bittest function returned the value of -1 for the 32 nd bit when it should have returned the value of 1.
4	Resolved an issue with GraphWorX32 where the Hide dynamics would show on layer changes.
5	Resolved an issue with GraphWorX32 where DWORD values were incorrectly being limited to 2 billion.
6	Resolved an issue with GraphWorX32 where a Modal Popup could cause a crash under a certain specific set of conditions.
7	Resolved an issue with GraphWorX32 where it was not preventing the CloseWindow from being executed while a script is running, a condition that could cause a crash. One scenario where this crash could occur was when a VB Script was trying to change the parent display.
8	Added the option to turn off auto-naming of pick action buttons to GraphWorX32.
9	Resolved an issue with GraphWorX32 where Global Aliases were not resolving in the caption upon opening a new display.
10	Resolved an issue with GraphWorX32 where it could crash when the Statefield was active and VBscript was performing a SimulateClick().
11	Resolved an issue with GraphWorX32 where the Data Source window content could disappear when cancelling out of the Expression Editor.
12	Added a option for setting a registry entry for disabling the button auto-naming feature. The registry entry is inside HKCU\Software\ICONICS\GWX32\Settings\ The key name is "autoNameButton" The value that you need to set to disable the auto-naming feature is 0 (zero)

13	Resolved an issue with GraphWorX32 where two focus rectangles could become active at the same time.
14	Resolved an issue with GraphWorX32 where the Forward OLE automation would not work after the Back automation is called from OLE automation.
15	Resolved an issue with GraphWorX32 where an incorrect password message box could pop up.
16	Resolved an issue with GraphWorX32 where the Hex, Octal, and Binary values were being handled as signed numbers. They are now treated as unsigned.
17	Resolved an issue with GraphWorX32 where ActiveX objects on hidden layers could be visible if GraphWorX32 was started via GenTray.
18	Resolved an issue with GraphWorX32 where entering more than one line in the input range causes the tag's value to go to '*****'
19	Resolved an issue with GraphWorX32 where it could crash if part of a subsymbol is deleted inside a symbol with digital selector dynamic attached.
20	Resolved an issue with GraphWorX32 where it could disappear when displays containing ActiveX controls were switched with too rapidly (i.e. changing the display before certain ActiveX controls on the display complete their initialization).
21	Resolved an issue with the GraphWorX32 ActiveX controls (Gauge, Numeric, Slider, Switch, and Vessel ActiveX controls) where they did not switch languages when used in the AlarmWorX32 or TrendWorX32 containers. A work-around existed, which was to open the Select Language dialog and manually select the language.
22	Resolved an issue with GraphWorX32 where VBA script (driven by AXTimer) in a pop-up window did not work if the main display was opened by a Load Display pick action from another display.
23	Resolved an issue with the GraphWorX32 Expression Engine where GraphWorX32 could crash when using the Substring function in an expression.
24	Enhanced GraphWorX32 adding support for a Language Alias String in a Tag's value field. This feature allows a Language Alias Tag to be defined by an I/O device such as a PLC.
25	Resolved an issue with GraphWorX32 where changing the object order on the Digital Selector tab of a certain symbol could cause GraphWorX32 to crash.
26	Resolved an issue with GraphWorX32 where the ViewShowWholeDisplay automation method did not work correctly in WebHMI. In at least one case, it appeared to be zooming to 1000%.
27	Resolved an issue with GraphWorX32 / Expression Engine that could cause a crash of GraphWorX32 after editing a process point tag that is based on an expression and then going into runtime mode.
28	Resolved issues with GraphWorX32 support for 32-bit Dwords. Specific issues that were addressed include: - Not being able to toggle Bit31 (using the XOR operator). - Setting the value ~x~ by using x= pow (2, 31) not working - Trying to display the value 4294967295 as binary shows -1 not, 111111111...1111111 - Placing an input field with clienttype hex, the field answers on an input value of FFFFFFFF with -1.
29	Resolved an issue with GraphWorX32 where the behavior of the Color and Hide dynamics was inconsistent depending on which layer the dynamics were on.
30	Resolved an issue with GraphWorX32 where it could crash when the confirmation option is checked. The specific scenario that this was occurring on had a button with two pick actions. Both worked fine without checking the confirmation option. However, when the confirmation option for one of the pick actions was enabled and when no value was specified, GraphWorX32 would crash.
31	Resolved an issue with GraphWorX32 where under certain conditions, the VBA editor 'Save' button could cause a crash. Specifically, this was seen when certain ActiveX's in a GraphWorX32 display (GWXViewer, TWXViewer, AWXViewer, AWXReport) had their property pages open, and the user clicks the "Save" button on the VBA Editor toolbar.

32	Resolved an issue with GraphWorX32 where, in the Russian translated version of GraphWorX32, the DropDown with types of variables was empty in the Local Variables dialog.
33	Resolved an issue with GraphWorX32 where the focus on a Process Point Tag didn't switch properly. The issue was seen with a Data Entry Fields with a VBA script linked to it.
34	Resolved an issue with GraphWorX32 where the history was not being recorded with LOCAL Alias correctly.
35	Resolved an issue with GraphWorX32 where it could freeze if it was switched to design mode from runtime mode while an ActiveX was initializing.
36	Resolved an issue with GraphWorX32 where applying a template would force the user to save the existing file using the save dialog.
37	Enhanced the GraphWorX32 Toggling Toolbar function to show/hide only the currently visible toolbars whereas in the past, it toggled all toolbars, not just the visible ones.
38	Resolved an issue with GraphWorX32 where ActiveX events were not always being fired if the GraphWorX32 display was started in runtime (as opposed to being started in configuration mode and put into runtime).
39	Resolved an issue with GraphWorX32 where you could not open a display in the same folder if current and working folder differed.
40	Resolved several minor typographical / spelling errors in the GraphWorX32 User Interface.
41	Resolved a number of memory and GDI leaks in GraphWorX32.
42	Resolved an issue with GraphWorX32 where the Layer Toggle did not read values correctly. Specifically, when using a Process Point (ppt) value to switch layers, the layer switching was not able to read in the correct toggle values for the Process Points on those layers.
43	Resolved an issue with GraphWorX32 where after going through a certain sequence of steps, closing VBA would cause a GraphWorX32 crash.
44	Resolved an issue with GraphWorX32 where killing GasClient.exe could result in GraphWorX32 crashing.
45	Resolved an issue with GraphWorX32 where it would crash when running the Display Button wizard. The crash occurred if the user right-clicked the window portion of the dialog, selected the Show Selection In Display function, and Selected yes.
46	Resolved an issue with GraphWorX32 where it could crash when closing the VBA window. There were several scenarios that could lead to the crash. One scenario was: 1. Open GraphWorX and open the VBA window 2. Switch back to GraphWorX, leaving the VBA window open 3. Add an alarm viewer and add a filter 4. Go into advanced mode to get to the expression editor 5. Hit the X close button in the VBA window twice
47	Resolved an issue with GraphWorX32 where it could crash when loading a new display due to a timing issue.
48	Resolved an issue with GraphWorX32's support of confirmation dialogs used in conjunction with radio buttons. The issue could occur if the user selects one of the options, but says "no" to the confirmation dialog. The variable does not change (which is the correct behavior), but the new radio button as well as the old radio button would appear selected.
49	Resolved an issue with GraphWorX32 where the display state was getting lost when layers were shown / hidden.
50	Enhanced GraphWorX32 to support faster export of local aliases. The capability to perform multi-selection of aliases in the aliases dialog was added.
51	Resolved an issue with GraphWorX32 with its handling of UDINT and DWORD data types. In the previous version. The UDINT range is 0...4294967295. However, GraphWorX32 accepted an entered value of -2 without a range warning, setting the value to 4294967294.
52	Resolved an issue with the Vessel ActiveX control where it did not recognize translated types of tanks.
53	Resolved an issue with GraphWorX32 where it could crash on a Global Alias change.

54	Resolved an issue with GraphWorX32 where it would crash in Internet Explorer when using the Login ActiveX then the Keypad.
55	Enhanced the GraphWorX32 Automation Interface adding the method UpdateSharedObject.
56	Resolved an issue with GraphWorX32 where it could crash if security times when the keypad was open.
57	Resolved an issue with GraphWorX32 where the confirmation dialog for the download value pick action could halt the display update.
58	Resolved an issue with GraphWorX32 where it could deadlock when a display containing some objects is de-animated too soon (less than 100 milliseconds) after going into runtime mode.
59	Enhanced the GraphWorX32 UpdateSharedObject automation interface method to preserve the alias file names.
60	Resolved an issue with GraphWorX32 where it would generate two XYZ_PickPostUp events instead of one when the GraphWorX32 viewer was inserted into Internet Explorer.
61	Resolved an issue with GraphWorX32 where it could not open a display containing the Vessel ActiveX Control. The problem was traced to the GraphWorX32 serialization code and was fixed.
62	Resolved an issue with GraphWorX32 where toolbars in the in-place mode did not save their position to the registry. They only accepted the position stored by a standalone GraphWorX32 (in the current_user location).
63	Resolved an issue with GraphWorX32 where UpdateSharedObject misinterpreted the label and object name on certain user-created symbols and left them missing in the replacement object.
64	Resolved an issue with the Vessel ActiveX control where the CutAway property was broken.
65	Resolved an issue with GraphWorX32 where a variable that was used inside a local alias, and only there, was not accessible through the dialog for editing local variables.
66	Resolved an issue with GraphWorX32 where if a display was saved when it was maximized, then if you tried to drag the display into Internet Explorer, it would run in Internet Explorer as expected. However, in addition, it would also start up and run as a Windows application (in Gwx.exe in design mode).
67	Resolved an issue with GraphWorX32 where if a display was saved when it was maximized, then if you tried to drag the display into Internet Explorer, it would run in Internet Explorer as expected. However, in addition, it would also start up and run as a Windows application (in Gwx.exe in design mode).
68	Resolved an issue with the Numeric, Switch, and Vessel ActiveX controls where they were not be shown correctly in GraphWorX32. Note, this issue was introduced in the V8 Service Pack 2 upgrade and is corrected in V8 Service Pack 2a.

Language Aliasing Anomalies Resolved

#	Summary
1	Resolved an issue with Language Switching where the Language Configurator's localization dll didn't work. The installation contained an "old" localization dll. The LangSupCfg_NDL.dll has been updated.
2	Resolved an issue with the Language Switching support where the Language Selector was not displaying the full list of available languages.

Licensing Anomalies Resolved

#	Summary
1	Enhanced GENESIS32 Licensing, adding support for temporary (time-limited) Hard-key licenses.
2	Resolved an issue with GenRegistrar Server where License failure errors could occur on a Browser Station.
3	Resolved an issue with GenRegistrar Server where it was seen to crash very sporadically. The cause was an internal timing issue.

ProjectWorX32 Anomalies Resolved

#	Summary
1	Resolved an issue with ProjectWorX32 where the Multiple File Add function did not add the last file selected.
2	Resolved an issue with ProjectWorX32 where it was not properly updating the menus on startup, so they were not matching the runtime state. This was resulting in some confusing or "false" messages being provided to the user.
3	Resolved an issue with ProjectWorX32 where it provided the (incorrect) error message "Please Stop Runtime before unpacking a project". This happened after executing the following steps: 1/ Unpack a ProjectWorX32 project 2/ Make Active, and place into runtime 3/ Shut down ProjectWorX32, you will be prompted that the project is in runtime and do you wish to stop the project. 4/ Click No 5/ Close down the GraphWorX32 screen 6/ Startup ProjectWorX32 7/ you will be prompted that some components are running and if you wish to put the project back in runtime 8/ click yes 9/ you will be prompted with the incorrect Message box
4	Improved the tab order on ProjectWorX32's GenTray tree application properties.
5	Resolved an issue with ProjectWorX32 where it wasn't providing a useful error message in the case when a file copy failure occurred.
6	Resolved an issue with ProjectWorX32 where a multiple file add did not add the last file selected.

ScriptWorX32 Anomalies Resolved

#	Summary
1	Resolved an issue with the Dutch translated version of ScriptWorX32 where scripts created with the Dutch VBA Script wizard had no modules with script created – only the main module was created.
2	Resolved an issue with ScriptWorX32 where the Security Configuration menu item returned an error message. This occurred if you opened ScriptWorX32 and went to Menu->Tools->Security Configuration.
3	Resolved an issue with the Czech translated version of ScriptWorX32 where the ReadOPCTag Wizard options did not work properly.
4	Resolved an issue with the Dutch translated version of ScriptWorX32 where a strangely named sub “Public Sub *()” was created after adding a global trigger (AlarmWorX32 category, AWXStartRuntime sscript).

Security Anomalies Resolved

#	Summary
1	Enhanced the Security Configurator to auto fill-in the NT Domain for each user during synchronizing or uploading users. Previously, the user had to fill in the NT Domain field for every user after taking their accounts from the domain.
2	Resolved a limitation of the Security Configurator where it was necessary to type the Domain name for each user. This is now done during the import of domain users and also when users are being synchronized.
3	Resolved an issue with the Security Configurator where if the Screen Manager was being used and a display was running that changed logged in users - after awhile, the Security Server would freeze and lock everyone out.
4	Resolved an issue with the Security Login/Logout functions where they could freeze when being used with Screen Manager.
5	Resolved an issue with the Security Server where for particular case, it could crash when any GENESIS32 application was started.
6	Resolved an issue with the Security Login ActiveX where if the username was blank and the user tries the keypad, the Log In and Log Out buttons would remain grayed-out even after entering a username and password via keypad until an actual keyboard key was pressed.

TrendWorX32 Anomalies Resolved

#	Summary
1	Resolved issues with the TrendWorX32 Container where it wasn't saving the .tce file when the user clicked on the Tools/Windows CE/Windows CE Preferences "Save" menu.
2	Resolved issues with the TrendWorX32 Configurator where the Tag_Handles are not unique in the TWX_MASTER_TAGS table if the tags were multiplied or copied in the TrendWorX32 Configurator.
3	Enhanced the TrendWorX32 Logger to apply filtering and to not log values with the same time stamp (in the case the OPC Server is sending multiple values with the same time stamp).
4	Resolved an issue with the TrendWorX32 Report where it would crash when the thread count is set to something other than 1. This was reproduce-able by using an Excel template and creating an Excel report and running more than one report at a time.
5	Resolved an issue with the TrendWorX32 Report where the Event reports stopped working after the 'Save' button was pressed in runtime.
6	Resolved an issue with the TrendWorX32 Viewer where changing language in runtime did not affect the Viewer.
7	Resolved an issue with the TrendWorX32 Viewer where the time displayed went bad when regional settings were set to a language and where the AM/PM come as a prefix (e.g. as with Chinese / Taiwanese).
8	Resolved an issue with the TrendWorX32 Viewer where the ranges for the Historical Pens were not correct. The ranges were always 0-1000.
9	Resolved an issue with the TrendWorX32 Viewer where the comment was out of order. Specifically, if you added three pens to the TrendWorX32 Viewer, put it in run time, select the last pen, insert a comment, and after you have inserted the comment, move the mouse over it to bring up the tooltip. You would see that the description in the tooltip is the first pen instead of the last one.
10	Resolved an issue with the TrendWorX32 Viewer where the text in the tabs in the properties windows were side ways. Specifically, this was seen when the Regional and Language Options are set to Chinese.
11	Resolved an issue with the TrendWorX32 Logger / Viewer where one was not able to get the tag range for a History Pen.
12	Resolved an issue with the TrendWorX32 Logger / Viewer where one was not able to get the tag description for a History Pen.
13	Resolved an issue with the TrendWorX32 Viewer where Trend Pen Description was getting ignored.
14	Resolved an issue with the TrendWorX32 Viewer where the Totalizer did not work with the Bar Plot.
15	Resolved an issue with the TrendWorX32 Viewer where the AutoScale did not work with the Bar Plot.
16	Resolved an issue with the TrendWorX32 Viewer where the Pens could get mixed up under certain global aliasing conditions.
17	Resolved an issue with the TrendWorX32 Container where it defaulted to English when starting in runtime mode.
18	Resolved an issue with the TrendWorX32 Report where the Expression Editor functions did not work in "Target Name"
19	Resolved an issue with the TrendWorX32 Viewer where the Show Pen in Range did not work correctly with XY-plot.
20	Resolved an issue with the TrendWorX32 Viewer where the Expression Editor, when being called from the Viewer, became non-translated.
21	Resolved an issue with the TrendWorX32 Configurator that could occur when creating a database connection for TWX32 data logging to MSDE SP3a system. The TrendWorX32

	configurator sets as a Data Source, in the OLEDB connection string, the node name of the computer rather than (local) if the user selected (local) in the datasource configuration. As a result, no historical replay was possible because by default, MSDE SP3a disabled all network access to the local MSDE server and the OLDB Provider, which is used for historical replay, tried to access the MSDE database via its network name rather than the (local) access which security is validated.
22	Resolved an issue with the TrendWorX32 HDA Server where it was sending bad quality for a static HDA tag.
23	Resolved an issue with the TrendWorX32 SQLServer where the ODBC data source could get modified. Specifically, if a TrendWorX32 configuration was logging remotely and the connection was lost, the ODBC data source was modified to use (local) instead of the remote node. The problem was that once this happened, it would never get set back except manually.
24	Resolved an issue with the TrendWorX32 Report where tags were lost in the upgrade from v6.x.
25	Resolved a small handle leak with the TrendWorX32 Log32 that could occur when it starts overwriting historical tables.
26	Resolved issues with TrendWorX32 Log32's and TrendWorX32 Report's support for TraceWorX32 where it was not displaying the full query for historical replay in the TrarceWorX32 trace
27	Resolved an issue with TrendWorX32 Log32 where is would exit upon closing the configurator.
28	Resolved an issue with the TrendWorX32 Configurator where it would create new signal index values if a tag was multiplied twice.
29	Resolved an issue with the TrendWorX32 Viewer where the pens and the configuration were not getting loaded correctly when the display was loaded using a URL path.

Unified Data Browser Anomalies Resolved

#	Summary
1	Resolved an issue with the Unified Data Browser where browsing a large configuration could result in a timeout occurring and an unknown tag appearing. (No timeout message like "Time expired" was displayed).
2	Resolved an issue with the Unified Data Browser where browsing Global Aliases could result in a crash if the Global Alias (GAS) Client ws not available.

VCRWorX32 Anomalies Resolved

#	Summary
1	Resolved an issue with the VCRWorX32 Configurator (Unified Data Configurator) the Link to the help did not work.
2	Resolved an issue with the VCRWorX32 Server where the Alarm Replay did not work.
3	Enhanced VCRWorX32 adding support for a "Find Tags" feature.