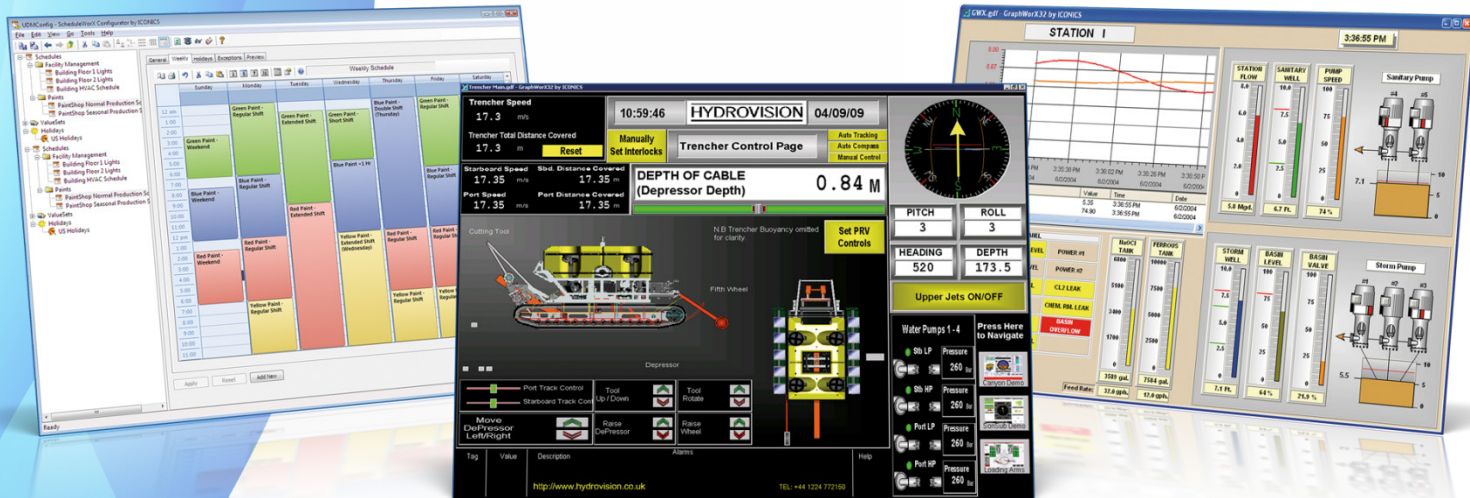


GENESIS 32™

What's New in
GENESIS32 V9.35
September 2014



Visualize Your Enterprise™

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GENESIS32™ V9.35 Enhancements

New in Version 9.35:

GENESIS32 V9.35 can run on and supports the following Windows Operating Systems:

- Windows 8.1
- Windows Server 2012 R2

Support for SQL Server 2014 has been added. GENESIS32 V9.35 has been tested with and is compatible with SQL Server 2014

AlarmWorX™32 V9.35 Enhancements

AlarmWorX32 Logger:

- Enhanced the AlarmWorX32 Logger to support logging of alarms that have Unicode characters in the alarm text. [35931]

AlarmWorX32 Server:

- Revised the way the AlarmWorX32 Server time stamps the Events pertaining to changes to limits. The Alarm Server now uses its local time for the time stamp. Since the Event Time is part of the primary key, the newly generated events should no longer violate primary key. [35774]
- Made improvements to the AlarmWorX32 Server documentation (help). [34414]

AlarmWorX32 Viewer:

- Enhanced the AlarmWorX32 Viewer to report/post a GenEvent message if and when it detects a license failure. [33964]
- Improved the performance of the AlarmWorX32 Viewer in the area of Language Aliasing. It now processes Language Aliases in blocks rather than individually. [35898]

BACnet Connector V9.35 Enhancements

- Enhanced the BACnet Provider and Runtime adding a "Who-Is" button for manually sending a "Who-Is" request. Note, the automatic sending of "Who-Is" messages can be disabled by setting the period to zero. [35952]
- Enhanced the BACnet Runtime adding support for an option to disable the remote BDT table management. This option can be enabled via the following new setting in the IcoSetup.INI file [35857]:
 - [BACnet]
AllowRemoteBdtManagement=1Other BACnet related IcoSetup.INI file settings include:
 - [BACnet]
MaxScannedDevicesInTime=5
MaxActiveRequestsPerDevice=5
MaxReadRetries=5
AllowRemoteBdtManagement=1
 - [BACnet\Compatibility]
TreatBadStatusFlagsAsGoodQuality=0
- Enhanced the BACnet Workbench32 Providers and the BACnet runtime adding support for displaying the status of the BACnet device discovery process. This is implemented by displaying the number of I-Am messages the BACnet runtime has in its queue to process. A zero value would indicate the BACnet Runtime has completed the discovery process. A non-zero number indicates the BACnet runtime is in the process of scanning devices. The larger the number, the more devices there are to scan. [36016][36017]

GraphWorX™32 V9.35 Enhancements

- Enhanced GraphWorX32 adding an API to get visible objects in a rectangle. [35822]
The new method is:
 GetVisibleObjectsInRect(x, y, width, height, intersectFlag, maxLevel), where
 x ... x-pos of the rect
 y ... y-pos of the rect
 width ... width of the rect
 height ... height of the rect
 intersectFlag ... FALSE when whole object has to be in the rectangle to be selected,
 otherwise TRUE
 maxLevel ... 0 to select only top-most objects, -1 to select non-symbol objects, 1 and
 higher to specify level of the search

TrendWorX™32 V9.35 Enhancements

TrendWorX32 Configurator

- Added a warning message to the TrendWorX32 Configurator to warn users when there are zero handles, a condition that can occur when the user adds tags to the configuration and does not make the configuration active. (If the configuration database is later moved before it is made active, the zero handles can cause configuration issues). [35963]

TrendWorX32 HDA Server

- Enhanced the TrendWorX32 HDA Server adding a configurable option for the End aggregate to provide samples in the cases when there were no samples in the period or when the only samples in the period had bad quality. This option is enabled via the IcoSetup.ini file setting:

[TWXHDA32\Runtime Settings]

EndAggregateBounds=1

When set to 1, and if there are no samples in the given period or if the only samples present have bad quality, the Server provides the last known sample from the previous period(s). [35930][36009]

TrendWorX32 Viewer

- Enhanced the TrendWorX32 Viewer adding an API for setting the maximum samples per pen. [35951]

Other Enhancements in Version 9.35

AlarmWorX32 Multimedia:

- Enhanced AlarmWorX32 Multimedia adding support for Unicode based messages. A new pager agent that supports Unicode is now available. To use the new pager agent that supports Unicode, you will need to register this new agent after you install AlarmWorX32 Multimedia v9.35. Please refer to the file "AlarmWorX Multimedia Readme.htm" for instructions on how to register the new pager agent. [26966]

Applications Setup Utility:

- Enhanced the Applications Setup Utility (AppSetupUtility) to automatically add the ICONICS_USER to the Edit Limits buttons in DCOM. [35408]

DataWorX32:

- Enhanced DataWorX32 increasing the maximum length of Register names and their initial values from 50 characters to 255 characters. [34103]

Installation:

- Revised the AlarmWorX32 Multimedia Installation renaming the "Multimedia Agents Installation (Custom)" option to "Multimedia Agents Installation (Agents Only)". [35879]
- Added the GENESIS32 Application Notes to the installation. They are now installed as part of the Installation. [28398]

Security Configurator:

- Enhanced the Security Configurator adding a TestStation item to the security automation interface, similar to the TestAppAction, TestCustom, TestFile, and TestOPCItem methods in the SECDual classes. [34366]
- Improved the encryption on the Security Challenge. [35957]

Unified Data Browser

- Enhanced the Unified Data Browser adding support for newly added methods including "TimeStampLocal" and "TimeStampUTC". [34940]



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World Headquarters

100 Foxborough Blvd.
Foxborough, MA, USA, 02035
Tel: 508 543 8600
Email: us@iconics.com
Web: www.iconics.com

Czech Republic

Tel: 420 377 183 420
Email: czech@iconics.com

Italy

Tel: 39 010 46 0626
Email: italy@iconics.com

Germany

Tel: 49 2241 16 508 0
Email: germany@iconics.com

Netherlands

Tel: 31 252 228 588
Email: holland@iconics.com

France

Tel: 33 4 50 19 11 80
Email: france@iconics.com

UK

Tel: 44 1384 246 700
Email: uk@iconics.com

Australia

Tel: 61 2 9727 3411
Email: australia@iconics.com

China

Tel: 86 10 8494 2570
Email: china@iconics.com

India

Tel: 91 22 67291029
Email: india@iconics.com

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