

Microsoft's 2014
**CityNext
Partner of
the Year**



VISUALIZE



ANALYZE



MOBILIZE



CLOUD



Table of Contents

VISUALIZE

Microsoft CityNext Partner of the Year	2
GENESIS64	3
ProjectWorX	3
AutoDesk	4
International Versions	4
Natural User Interface	8
GENESIS32	9
BizViz	9

ANALYZE

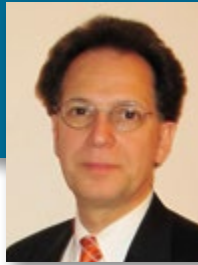
Energy AnalytiX	5
Quality AnalytiX	5
ReportWorX Express	5
Facility AnalytiX	6
Hyper Historian	10

MOBILIZE

MobileHMI	7
Industry-focused Mobile Apps	7
Available on All Major Stores	7

CLOUD

Cloud Licensing Technology	4
Cloud Hyper Historian	10
ICONICS Cloud Connector	10
Hyper Historian Cloud Collector	10



From the Desk of

Russ Agrusa

ICONICS President, CEO &
OPC Foundation Board Member

ICONICS has been a longtime provider of advanced automation software products for the industrial, manufacturing, energy and building automation markets. In July 2014, ICONICS was awarded the prestigious CityNext Partner of the Year Award from Microsoft in recognition of its innovation. We are a Microsoft Globally Managed Partner and, through our close strategic partnership, we are working towards common product development and marketing goals in Energy Smart Buildings, sustainability, industrial automation and manufacturing projects.

With the new version 10.85 release, ICONICS has focused its efforts on several important time-saving and productivity improvements. This includes a new GENESIS64™ HMI/SCADA visualization capability, which greatly improves the development and deployment of any project. New features such as automatic project documentation, Pack-and-Go deployment and WebHMI bulk publishing greatly reduce the overall time it takes to engineer and integrate any project. GENESIS64 v10.85 adds hundreds of efficiency improvements such as OPC UA and BACnet compliance, deep level security, speech, multitouch, Kinect®-driven natural user interfaces, video/camera control and Smart Tiles™. Many new 3D visualization features such as Autodesk DXF, terrain mapping, GPS and camera modes make this a very innovative and groundbreaking product release.

With the total amount of information doubling every two years, our focus on Big Data has led us to make several key advancements to Hyper Historian™ v10.85. Greater performance, reliability, the new Hyper to Hyper distributed architecture and the new cloud-based Hyper Historian for Azure™ greatly increase the number of options for implementing any new high speed data collection platform.

ICONICS' significant investment in the area of analytics has led to many improvements in its AnalytiX® solutions. Based on the S95 standard, AssetWorX™ is at the core of our AnalytiX suite and is the first real-time PC SCADA solution of its kind. ICONICS has pioneered a new area called predictive Fault Detection and Diagnostics (FDD). Combining an extensive library of fault rules with AssetWorX quickly helps users predict equipment failures and reduce energy costs.

The Internet of Things (IoT) combines the use of the cloud, smart IP-based sensors and controller technology with Big Data, analytics and mobility. ICONICS is perfectly suited as a provider of IoT-based solutions. Combining our Cloud Connector technology with its secure communications provides the ideal platform for any IoT-based project. An essential component of any IoT strategy requires an advanced mobile solution. MobileHMI™ v10.85 runs on any smartphone, tablet, browser or Web-enabled TV. This "Any Glass" mobile technology is based on US patent #7,017,116 and provides a real-time platform for any manager, engineer or operator on the go. New innovations in MobileHMI v10.85 enable device- and resolution-independent responsive designs.

ICONICS remains at the forefront of automation software technology and is working closely with its system integrators, customers, OEM partners and Microsoft to Visualize, Analyze and Mobilize their projects, guaranteeing that their solutions will always be "future proof".

Sincerely,

Russ Agrusa



Microsoft CityNext Partner of the Year

ICONICS was selected as the winner of the 2014 Microsoft Public Sector CityNext Partner of the Year Award! The company was honored among a global field of top Microsoft partners for demonstrating its excellence in innovation and implementation of customer solutions based on the newest Microsoft technologies.

"ICONICS is extremely pleased and honored to have been selected for this prestigious global award from Microsoft," said Russ Agrusa, President and CEO of ICONICS. "This award recognizes innovation and success at providing solutions which help customers be more efficient and sustainable. Our CityNext involvement reinforces the strength of our relationship with Microsoft, as well as our commitment to providing our customers and partners with cutting edge energy and sustainability software solutions."

Awards were presented in multiple categories, with winners chosen from a set of more than 2,800 entrants from 117 different countries worldwide. ICONICS was recognized for providing outstanding solutions and services in Microsoft's CityNext initiative.

The Microsoft CityNext Partner of the Year Award recognizes the partner who best exemplifies how their solutions built on Microsoft technology address the most important challenges for cities and help them do "more with less". The Microsoft platform provides a connected foundation for cities to build on, utilizing solutions and apps across core city functional solution areas and scenarios that present opportunities for cities to address challenges, spur economic growth and transform where they work and live.

"Microsoft's success as a company depends on great partners, and ICONICS is a shining example of the kind of innovation our partner ecosystem drives year after year," said Phil Sorgen, corporate vice president, Worldwide Partner Group, Microsoft Corp. "We are honored to recognize ICONICS as this year's winner of the 2014 Microsoft CityNext Partner of the Year award, and we applaud ICONICS' dedication to providing innovative solutions that drive results for our mutual customers."



The Microsoft Partner of the Year Awards recognize Microsoft partners that have developed and delivered exceptional Microsoft-based solutions during the past year.

ICONICS looks forward to being an ambassador of the global CityNext initiative as more and more countries catch the vision of creating smarter cities.

This recent award highlights the continued partnership between Microsoft and ICONICS. In 2013, ICONICS was named the Application Development Partner of the Year Finalist. In 2012, ICONICS was recognized as Microsoft's Sustainability Partner of the Year. In 2010, ICONICS was honored as the US Windows Independent Software Vendor (ISV) Partner of the Year.

Microsoft Partner

2014 Partner of the Year Winner
Public Sector: CityNext

2014 Top Products Award Winner: Facility AnalytiX

ICONICS Facility AnalytiX® received the 2014 Top Products Award from Building Operating Management. BOM publishes the Building Operating Management Magazine and the Facilities.NET online portal, and recognized the power of Facility AnalytiX as a complete, continuous commissioning software solution based on ICONICS' advanced Fault Detection and Diagnostics (FDD) technology that significantly reduces costs and improves operational efficiency. It incorporates user-customizable fault rules to weigh the probability of equipment failure and advise personnel of immediate preventative actions they can take before faults occur, improving safety and optimizing energy savings.



In August of 2014, ICONICS released its GENESIS64™ v10.85 HMI/SCADA and visualization suite of software automation products, introducing hundreds of new features and product technologies. ICONICS is obsessed with increasing product quality, reliability and performance for every application, from the smallest to the most massive large-scale projects. Another objective was to greatly reduce the engineering effort and time to integrate a solution. This was achieved with the introduction of several important new features, including:

- New Project Documentation & Reporting
- New Web-based Pack and Go
- VMware, OPC UA, BACnet and SNMP v3 Compliance
- WebHMI Bulk Publishing

ICONICS is always working to support the latest standards-based technologies, most recently Windows Server 2012 R2, Windows 8.1 and SQL Server 2014.

Unified Communications within ICONICS' 64-bit platform includes BACnet, OPC UA, Web services and SNMP v3. BACnet support has been enhanced for greater customization and use of BACnet points. Additions like BACnet Alarming (through Alarm Cache and persistence of subscriptions) and Automatic Time synchronization allow for greater functionality, while improvements to network and device discovery allow for smoother operation. Numerous features enable greater integration of BACnet data, easier configuration and enhanced quality for OPC DA and OPC UA DA data.

Advanced 3D Visualization combines the power of EarthWorX GEO SCADA mapping with the flexible Terrain feature of GraphWorX64 3D Viewers. Allowing users to select a region of the globe for mapping, GraphWorX64 converts and optionally texture maps into a 3D Terrain using an ICONICS hosted elevation database. GEO SCADA has evolved to enable amazing clarity and realism for operators. Features of the new EarthWorX 3D Terrain Mapping include:

- Seamless integration with Bing, Google and Esri maps
- Automatic 3D Terrain Elevation Drawing Technology

Continued on Page 4



3D Windfarm Using Terrain Mapping

new

ProjectWorX

Advanced Integration Solutions

ProjectWorX™ is a major new category of technology that enables rapid deployment with built-in project management functionality via the Pack and Go Wizard, and reporting tools & validation utilities in the new Project Reporting feature. Project Reporting is a powerful way to perform data source analysis and reporting on any application! Separated into Availability and Usage reports, users can access information on what data is being consumed in their system, and by which application or module. Built-in Configuration Wizards guide users to quickly generate a Project Document to validate all tags and prepare a cover page for a printer-friendly record of the application. The tool allows users to detect what connected tags are being used in a project, helping to identify good and bad quality data. Project Reporting stores and offers customizable, pre-configured reports using SQL Server Reporting Services. Configured and run in the Workbench with

support for exporting to PDF or Excel formats, Project Reporting is an essential new tool for creating and maintaining efficient applications. Users are able to queue reports through the new task pane which allows a view into Reports and Pack and Go operations, as well as Import/Export status. Project Reporting can analyze activity over multiple days to capture all tag requests made from clients and helps customers remove broken links, find bad data and report on the connections to any ICONICS system.

To learn more about ProjectWorX, visit:
www.iconics.com/projectworx



ProjectWorX Ribbon



Over 500 New Features

Continued from Page 3

WebHMI Bulk Publishing enables quick reformatting of displays between GraphWorX64 file formats and optimized Web-publishing. Integrated into the existing Web-publishing interface and designed to save settings, the ability to publish significant quantities of displays in only a few clicks allows for faster deployment and reduced engineering time. Multiple files can be published from different locations locally and remotely over HTTP or FTP protocols. Some notable features are:

- Ability to publish to multiple formats in one shot
- Optimized load times with intelligent symbol conversion
- One-click publishing via saved preferences and settings

ConverterWorX has been updated in a number of areas for usability and wider support of modules from GENESIS32. With the phasing out of Windows XP, users are now seeing the need to move forward from their legacy 32-bit systems and move their applications to the latest HMI/SCADA technology. ConverterWorX allows users to accomplish this without significant downtime in operations. For v10.85, ConverterWorX now has the ability to move TrendWorX32 and TrendWorX64 to Hyper Historian for both configuration and existing historical data.

Explore all of these features and more with GENESIS64 v10.85! To learn more, visit:
www.iconics.com/genesis64



3D Water Treatment Plant

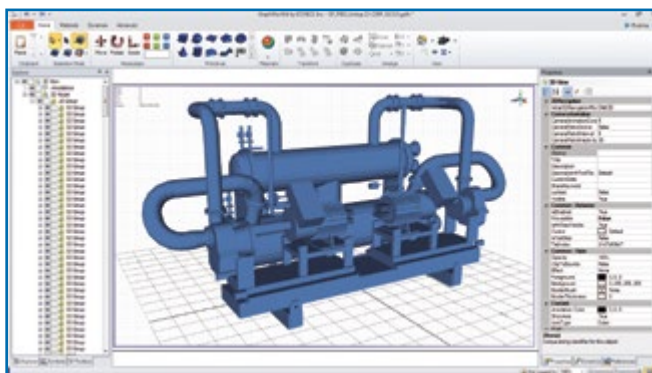
Cloud Licensing Technology

Cloud Licensing Technology (CLT) is a brand new licensing option that ICONICS is introducing to allow for cloud-based allocation and licensing of ICONICS products. Robust and reliable, the service is hosted, provides high availability and allows the distribution of licenses to applications around the world. Systems utilizing CLT will be periodically polled to verify license connectivity, but will benefit from a grace period in case of intermittent connection loss.

new

Autodesk Integration

Autodesk's AutoCAD software is an industry standard among engineers. With the release of the new GENESIS64, ICONICS now supports import and export of the popular Autodesk DWG file format. ICONICS supports DAE (COLLADA), 3DS, OBJ and 3D XAML.



Chiller Imported into GraphWorX

new

International Versions

ICONICS software is now available in many different languages thanks to our big localization push over this past year with v10.83! We are excited to announce, that in the coming months, our v10.85 software will contain the localization files for the following languages:

- Chinese (simplified)
- Czech
- English
- French
- German
- Italian
- Japanese
- Portuguese
- Russian
- Spanish



Energy AnalytiX

Energy AnalytiX® is an Energy Monitoring solution that is easy to set up and operate. It simply provides the cost, consumption and carbon information on any building, manufacturing or industrial energy application. It comes with a Workbench configuration that can be quickly connected to any energy, water or gas meter. New in Energy AnalytiX v10.85 are Energy Star reports and one-click, quick connect meters for Mitsubishi, Measurlogic and Eaton. Additional energy meters will be added this year.

Overall improvements in ease of use, configuration, performance and reliability were achieved. The new and improved Energy AnalytiX Viewer supports several preconfigured chart types and improved usability.

Key Features & Benefits

- Quickly Connect to a Variety of Meters
- New Energy Demand Analysis Charting
- Energy Star Reports with ReportWorX Express
- Load Profile Charts Compare Energy Usage Across Assets
- Scalable from a Single Location to an Entire Campus
- Advanced Energy Data Aggregation & Normalization
- Standard Cost, Consumption and Carbon Calculations
- Integration with New Project Reporting

To learn more about Energy AnalytiX, visit:
www.iconics.com/energyanalytix

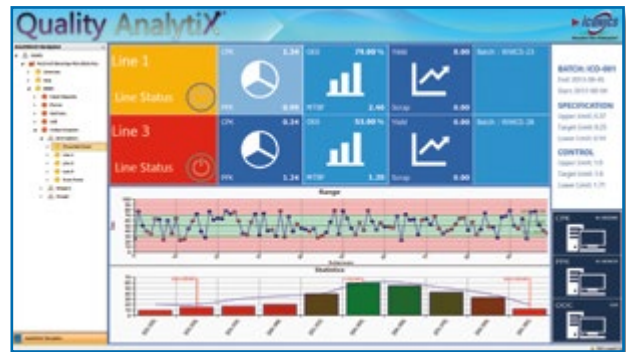


Quality AnalytiX

Quality AnalytiX® is a real-time Statistical Process Control (SPC) quality analysis solution that is easy to use and applicable to any quality monitoring application. With simple configuration and deployment methods, Quality AnalytiX offers an extensive set of SPC calculations, control charts, portal dashboard views and standard quality reports that can be applied in a variety of combinations to help pinpoint quality outliers.

The new histogram chart visualizes the density of data for a given distribution. Users can set and color-code upper and lower specification limits, as well as upper and lower reasonable limits to identify how much of the data is within or beyond these limits.

Generate standard SPC Quality Reports with histograms and other charts using ReportWorX Express, an Excel plug-in that allows data mining from a variety of sources.



Quality AnalytiX SPC Dashboard with Histogram

To learn more about Quality AnalytiX, visit:
www.iconics.com/qualityanalytix



ReportWorX Express

ReportWorX™ Express is an Excel plug-in that provides quick access to your ICONICS data and is a powerful reporting tool included with GENESIS64, AnalytiX and Hyper Historian. It quickly turns volumes of data into manufacturing intelligence. Allowing you to mine data from a variety of sources, including OPC UA, OPC DA and OPC HDA, ReportWorX Express makes it easy to streamline the Energy Star reporting process.

The new ReportWorX Express makes it even easier to generate the customized reports you need. Use the new Parameter Browser option to define parameters and cell references for energy consumption, meter consumption, financial, and degree days data. Get distribution or summary data for a selected fault from a fault report within a user-defined time frame. Select multiple tags per request or select data for a particular asset directly from an asset tree in AssetWorX™.



ReportWorX Express Ribbon

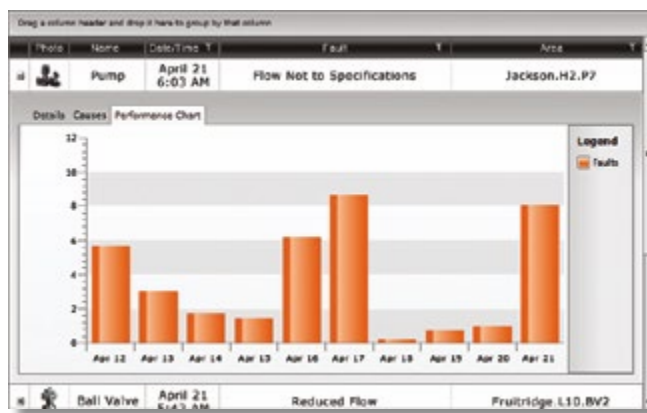


Facility AnalytiX FDD for Any Application

Facility AnalytiX® is a complete, continuous commissioning software solution based on ICONICS' advanced Fault Detection and Diagnostics (FDD) technology that significantly reduces costs and improves operational efficiency. It incorporates user customizable fault rules to weigh the probability of equipment failure and advise personnel of immediate preventative actions they can take before faults occur, improving safety and optimizing energy savings. Its unique fault viewer quickly identifies the most costly faults to reduce downtime and engineering.

With a new Rules Engine, mass import configuration capabilities and a number of usability improvements, the newest features available with version 10.85 save you time by making things easier, faster, and more intuitive. Take advantage of the 300 new rules added to the Rules Library. Enhancements to the Expression Engine make defining your own rules easy with shorter syntax, more natural language, and support for "self" and "parent" aliasing. A new, larger pop-out Rule Editor provides the space you need for editing complex rules. Use it to edit Fault Diagnostics for an asset while defining a new diagnostic model more easily.

The new Alarm filter GUI simplifies finding alarm points, enabling faster responses and improved safety. Now you can save all modified faults with one click, which means you no longer need to save when switching between individual faults in the fault definitions list.



FDD Performance Chart

Key Features & Benefits

- Real-time Fault Detection and Diagnostics (FDD)
- Over 300 Fault Rules for Popular Building Equipment
- Predict, Reduce and Eliminate Equipment Downtime
- New Fault State Tracking for Enhanced Analysis
- Automated Continuous Commissioning Tool
- Cost Calculations Help to Prioritize Faults
- FDD Viewer Presents List of Probable Causes
- Acquire and Catalog Knowledge of Skilled Experts

To learn more about Facility AnalytiX, visit:
www.iconics.com/facilityanalytix



Microsoft Redmond Campus - Symphony of Software Solutions

United States

A small, covert team of engineers at Microsoft cast aside suggestions that the company spend US\$60 million to turn its 500-acre headquarters into a smart campus to achieve energy savings and other efficiency gains. Instead, applying an "Internet of Things meets Big Data" approach, the team invented a data-driven software solution based upon ICONICS Energy Management software that is slashing the cost of operating the campus' 125 buildings, saving Microsoft millions of dollars. ICONICS then prescribed their GENESIS64™, Facility AnalytiX®, Energy AnalytiX®, Hyper Historian™, MobileHMI™ and BizViz™ (ReportWorX™ and BridgeWorX™) software solutions.

ICONICS is looking to engage with any company, institution or person who is looking to drive energy reductions through technology. The application has been so successful that Microsoft and its partners are now helping building managers across the world deploy the same solution. And with commercial buildings consuming an estimated 40 percent of the world's total energy, the potential is huge.



To read an expanded version of this story, visit:
www.iconics.com/symphony



MobileHMI Any Glass, Anytime



MobileHMI™ is the must-have mobile software solution for anyone monitoring any critical building, manufacturing, energy or industrial application.

In an increasingly Web-connected environment, the proliferation of smart devices has brought about the need for Any Glass technology as the critical component to achieving energy smart buildings. Expectations of facility managers have centered on providing limitless access to information over wired, wireless and cellular connections. Due to this trend and the advance of mobile technologies, ICONICS has responded with a brand new product, MobileHMI, which is **now available from all major app stores**. With MobileHMI, operators around the globe are just a few taps away from controlling their facilities, remotely and in real time, using smartphones and tablets from Microsoft, Apple, Google and Amazon. ICONICS' MobileHMI is a full building automation client on any platform or smart device.

MobileHMI runs on any smartphone, tablet, browser, Web-enabled HDTV and more so that real-time access to critical data is now available to executives, engineers, maintenance technicians and operators any time, anywhere. With MobileHMI, tablets and phones now include a fully featured mobile client designed for operations on the go. Configuration enhancements simplify development of screens for mobile users, making it easier to provide a clean experience on all devices without incurring the extra cost of development time. Additionally, templates and the ability to target specific devices with displays make MobileHMI ready to handle any composition of devices.

To learn more about MobileHMI, visit:
www.iconics.com/mobilehmi



New Industry-focused Apps

MobileHMI for Oil and Gas gives executives, managers, operators and technicians the ability to remotely access and control vast amounts of data from production, transmission and exploration activities. The secure app delivers the power and flexibility of ICONICS' MobileHMI solution, offering fully customizable, mobile human machine interface (HMI) displays. Fast and easy to deploy, MobileHMI for Oil and Gas is designed from the ground up to be simple and reliable, enabling instant, one-touch access to key operational performance indicators (KPIs) and other critical information.



MobileHMI for Water and wastewater enables executives, managers, operators, and remote field service technicians to collaborate and efficiently respond to utility customer complaints and critical events. This secure app directly connects to HMI displays for real-time monitoring of water and wastewater operations including assets, alarms, trends, field service activity and customers site conditions. You can also expand the app to include dashboards for commercial and residential customer that provide them with real-time metrics of their current and average water use in relation to their area.



MobileHMI for Manufacturing can be used for any industrial process, but focuses on beverage manufacturers and takes a two role approach to the app, dividing it up between Operator or Manager responsibilities. Depending on which role is selected, different permissions and dashboards are visible. This MobileHMI app includes features like operational drilldown from plant level to machine level, OEE and downtime metrics, as well as email integration. As a secure app, MobileHMI for Manufacturing provides users with specific insight into their plant enterprise.



Natural User Interface

Touch, Speech & Kinect

ICONICS has made significant investment in Natural User Interface (NUI) technology using advanced Windows 8 Multitouch with gesture, body movement and speech recognition. Using the latest Microsoft Kinect® sensor technology, spoken commands can be used to train applications to respond to actions, providing a hands free operation. The latest GENESIS64 release gives users unique and new ways to interact with their applications.

KINECT™

Based on many years of research, ICONICS' patent-pending technology can now turn any surface into an interactive touch screen using Microsoft Kinect technology. Gestures can be used in combination with Smart Tiles and 3D to create innovative new designs. Using the Microsoft Kinect, ICONICS NUI offers two interactive modes. The first, Skeletal Tracking Mode, interprets the users' body motions into on-screen commands. It also allows the user to interact with the display using programmable voice commands. The second, Virtual Multitouch Mode, allows the user to interact via hand motions. Create an exciting and innovative approach that is a more interactive operator interface for any application.

To view ICONICS' Kinect/NUI video, visit:
www.iconics.com/videos



Key Features & Benefits

- Added Commands for Speech
- Gesture and Movement Recognition
- New Configurator User Interface
- Faster Start-up Time
- Depth and Body Positioning Recognition
- New Navigational Modes: Walk, Fly, Orbit
- Snap Window Support



City of Grapevine - ICONICS Solution for the Water Industry

United States

The City of Grapevine is located in the Dallas-Fort Worth area of North Texas with a population of approximately 50,000 people and is one of the oldest settlements in the Lone Star State.

The City of Grapevine's needs were growing and they needed a system able to handle a diverse and multifaceted infrastructure. The City of Grapevine decided that ICONICS' GENESIS32™, AlarmWorX™32 Multimedia, ReportWorX™, WebHMI™ and an OPC UA Server were the best ways to go for this project. The city, with the assistance of ICONICS' representative PCD Sales, selected ICONICS' software package based on high ratings on functionality, price, renewal options, local vendor knowledge and customer support. This replacement required an upgrade of everything in the system from PLCs, radios and the HMI, to dozens of hours of electrical work.

Installation of the ICONICS HMI/SCADA systems was about 80 percent complete at the Water Treatment Plant when its existing competitor brand HMI/SCADA system failed. City Staff was pleased that they had decided to change systems and, upon full implementation of ICONICS, they are very satisfied with the selection of the ICONICS HMI/SCADA software. In the end, the project contained 2,271 tags and was up and running successfully in less than 15 months. The City of Grapevine is currently in the process of expanding their ICONICS system to their wastewater treatment plant and more.



To read an expanded version of this story, visit:
www.iconics.com/water



As the industry's first fully scalable suite of OPC, SNMP, BACnet and Web-enabled HMI and SCADA applications, ICONICS has strived in this release to provide maximum compatibility with the latest operating systems and databases. This includes spanning across Windows Client, Windows Server and the SQL Server 2014 business intelligence platform.

Several enhancements have been added, including improved performance with AlarmWorX Language Aliasing and added support for logging alarms containing Chinese (Unicode) text. In addition, there is a new TrendWorX Viewer API for setting the maximum number of samples per pen, a new GraphWorX API method for visible objects in rectangles, and a "Who-Is" function added to The BACnet Runtime provider.

For information on the complete list of improvements in v9.35, see the New Features document included on the GENESIS32 and BizViz product DVDs or the Customer Connection Portal. If users are current on their SupportWorX plans, they are entitled to receive the latest version 9.35 release. Contact your local ICONICS representative for more information or download the latest product releases from the ICONICS Customer Connection Portal located at: getconnected.iconics.com

GENESIS32 Features & Benefits

- Certified for Compatibility with Windows 8.1
- Certified for Compatibility with Windows Server 2012 R2
- Integration with Microsoft SQL Server 2014
- Improved Performance in the AlarmWorX32 Viewer
- New GraphWorX32 and TrendWorX32 Interfaces
- AlarmWorX32 Logger Support for Chinese Text
- Enhancements to the BACnet Runtime Provider

To learn more about GENESIS32, visit:
www.iconics.com/genesis32



BizViz Features & Benefits

- Certified for Compatibility with Windows 8.1
- Certified for Compatibility with Windows Server 2012 R2
- Integration with Microsoft SQL Server 2014
- New Parameters for ReportWorX Email Redirector
- Ease-of-use Improvements in Unified Web Interface
- Expanded Web Service Support for Additional Data Types
- Improved Support for Japanese in Configuration GUIs

To learn more about BizViz, visit:
www.iconics.com/bizviz



CIAT - ICONICS Syncs 66 Remote Locations

France



Situated in the Rhone-Alpes region of France in Culoz, CIAT has been an expert producer of air conditioning, refrigeration and heating units for 80 years. CIAT also led the market on sustainable solutions related to heat exchange and air handling and continues to be a trusted resource for comfort, air quality and energy optimization. Recently, CIAT decided it was time to investigate 64-bit technological monitoring systems that align with CIAT's values for innovation and sustainability. This search ultimately led them to ICONICS due to their leading 64-bit technology, Microsoft Gold Certification, and their Web client, as well as the scalability of the solution. CIAT was also impressed with the unification and standardization of communications with all their

equipment (e.g. meters, compressors, etc.) through OPC technology. CIAT implemented ICONICS' GENESIS64™, ScheduleWorX™, BridgeWorX™, WebHMI™ and OPC Server, along with Microsoft SQL Server 2008, across their entire building following a three-month pilot program.

With seven buildings of 92,000 square meters of office and production, CIAT used ICONICS to centralize the Culoz Servers, access data remotely via Ethernet, view monitoring and consulting reports via the Web, and control devices on a set schedule, as well as reach their sustainability goals using 64-bit technology. Thanks to ICONICS' GENESIS64, CIAT has high hopes of running an environmentally friendly, low-impact operation and has plans to add Energy AnalytiX® to various locations and improve their energy consumption and conservation even further.

To read an expanded version of this story, visit:
www.iconics.com/buildings



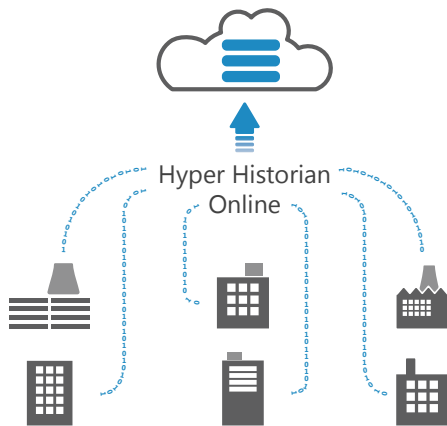
new Hyper Historian Hyper to Hyper Technology

Hyper Historian™ is a high speed, reliable and robust industrial plant historian solution for mission critical applications. Logging data across the enterprise at greater than 100,000 tags per second, Hyper Historian is designed to collect, compress, archive, analyze and visualize Big Data.

Hyper to Hyper technology is a powerful new feature that enables users to aggregate and merge data from any plant historian server. Hyper Historian servers can now exchange data hierarchically with other Hyper Historian servers or with third-party historians as well. Trigger these data exchanges on a schedule or manually on demand, regardless of whether the server is located on premise or in the cloud. This enables remote access to the most critical information with maximum flexibility and control.

Cloud Hyper Historian

ICONICS' exciting new Hyper Historian for Microsoft Azure™ and the Amazon Cloud is one of the first plant historians available on the cloud. It enables access to big data from any desktop, Web browser or mobile device via Microsoft Azure and other cloud technologies. Hyper Historian and the Cloud Connector leverage Microsoft's public, private, or hybrid cloud infrastructure to increase collaboration and efficiency without compromising security. ICONICS' Cloud Collector technology enables users to distribute their application to scale and adapt to the changing needs of their business, with instant access to KPIs and critical information on Any Glass, Anytime™.



Hyper Historian for Azure provides the ability to collect data from any device and securely stream it to the cloud for long-term storage and analysis. Hyper Historian's Cloud Collector serves as the on premise appliance to store and forward data from the plant floor to a public or private cloud.

This feature reduces IT costs with simple setup and minimal maintenance requirements, allowing customers to infinitely grow their application based on the changing needs of their business. Customers experience increased collaboration while maintaining the security that they have come to expect from ICONICS products.



Historical and Real-time Trend Comparison

Taking full advantage of the latest 64-bit .NET-based computing technologies and numerous performance features, including full utilization of multi-core hardware, Hyper Historian is the first plant historian to be compatible with Microsoft Windows 8, Certified for Microsoft Windows Server 2012, and to integrate with SQL Server 2012 and Microsoft Azure. The software also fully leverages OPC UA communication standards, as well as a wide variety of other protocols for connecting to existing infrastructure. Hyper Historian is being used today for plant historian applications in industrial and utility scenarios throughout the world, including wind asset independent performance verification and generation plant monitoring and analysis.

Key Features & Benefits

- High Performance 64-bit Robust Plant Data Historian
- Hyper to Hyper Technology for Flexible Data Merging
- Cloud Enabled to Scale to the Needs of Your Business
- Performance Calculations & Reports for Big Data Analysis
- Universal Connectivity to Virtually Any Device
- Supports OPC, BACnet, SNMP & Web Services

"Due to the highly variable nature of wind power, owner-operators need powerful historians to enable their analysis and understanding of both individual unit and aggregate wind farm performance," said Harry Forbes, Senior Analyst at ARC Advisory Group. "A tool such as Hyper Historian is critical for identifying trends and deviations in unit behavior and diagnosing their root causes."

Hyper Historian for Azure is perfectly matched with ICONICS' MobileHMI and AnalytiX products so that the right information can be delivered to anyone, any time.

To learn more about Hyper Historian, visit:
www.iconics.com/hyperhistorian



In the News

Manufacturing Intelligence
Food Engineering
January 2014

**ICONICS Adds New
Product Technologies and
Enhancements**
ARC Advisory Group
January 2014

**ICONICS Introduces New Oil &
Gas Mobile App**
Control Engineering Asia
February 2014

**Symphony of Software
Saves Millions**
Microsoft Global Outlook
Spring 2014

View ICONICS latest videos at:
www.iconics.com/videos



**ICONICS' Process Control
Quality AnalytiX Software**
Control Global
April 2014

Future-proof Software
Prime
Summer 2014

**Washington Athletic Club
Cover Story**
Touch
Summer 2014

To view an electronic version
of this newsletter, visit:
www.iconics.com/theicon



Always Be Learning: Application Notes

Did you know that over 200 Application Notes have been written by ICONICS experts on the 64-bit product alone? If you have any questions on any branch of ICONICS software, or are purely intrigued and want to learn more, check out the App Notes section of the Customer Connection Portal at the provided link below. If you have an idea for a new App Note, or simply want to request a topic, please email support@iconics.com

[http://getconnected.iconics.com/
Home/Support/AppNotes.aspx](http://getconnected.iconics.com/Home/Support/AppNotes.aspx)

The Customer Connection Portal

Get connected with ICONICS by visiting the Customer Connection Portal for general support, product downloads, product updates, customer collaboration and product tips from ICONICS' engineers and support team. The Customer Connection Portal features Support Solutions, a Tip of the Day and a Support Bulletin. The Support Solutions section addresses essential questions through the FAQ, Licensing and a Global Search Engine, enabling users to find answers quickly and easily. The Support Bulletin lists your support cases with real-time status updates along with most popular knowledgebase articles and the most active forum threads.

Another popular feature of the Customer Connection Portal is the in-depth training videos highlighting many ICONICS products. These videos help users configure their systems and get the best results.

If users are current on their SupportWorX software maintenance plan, they are entitled to free upgrades. Download the latest product updates and new product releases from the download section of the Customer Connection Portal.

The Customer Connection Portal acts as a reference for customers who want more information about any facet of ICONICS software and is a great resource for all customer inquiries.



Visit the ICONICS Customer Connection Portal today at:
getconnected.iconics.com

