GENESIS 32™

Connect, Analyze and Visualize

One Development Tool for Multiple Targets
Single-development tool for operator stations, servers, Web appliances, panels or over the Internet to wireless devices and Web browsers

Easy Configuration with Robust Workbench Application
Provides a centralized Web-based environment for GENESIS32 configuration and monitoring with Pack and Go capabilities for rapid deployment

Web-Based HMI/SCADA Visualization
Connects to real-time and historical data through firewalls and integrates with standard Internet browser technology

Modular Suite of Data Tools
Family of modular products for visualization, HMI and SCADA

Multimedia OPC Alarming and Alert Notification
Schedule and deliver alarms using Voice over IP, phones, E-mail, pagers, fax, text-to-speech, voice systems, Skype, Andons and marquees

OPC, SNMP, BACnet and Database Connectivity
You're a click away from your data. Integrate with standards like OPC DA, OPC AE, OPC HDA, OPC Unified Architecture, SNMP and BACnet

Integrated Recipe Management and Data-Mining
Commonly used expressions and recipes and powerful open data-mining to all databases

Calendar-based Scheduling for Building Controls
ScheduleWorX32 creates sequences of automatically executed commands based on chronological patterns, useful in discrete, process (batch) and building automation applications

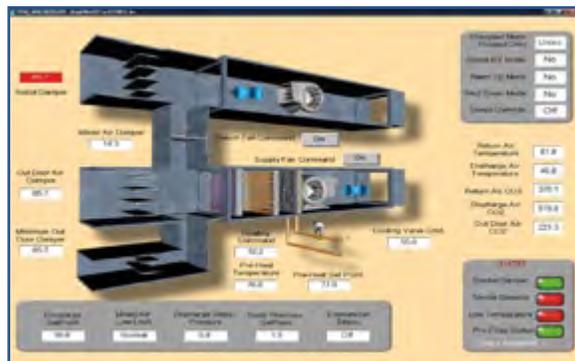### Support for Redundancy and Cluster Servers
Built-in redundancy core for monitoring and managing primary and secondary servers

OPC-To-The-Core™ Technology
Whether you need OPC Data Bridging, OPC Aggregation, OPC Redundancy or OPC Tunneling, GENESIS32 is the clear choice

International Language Switching and Global Aliasing
Easily deploy machine applications globally. Create reusable graphics, symbols, trends and alarm applications with powerful Global Aliasing

"The world's most complete suite of HMI/SCADA automation software!"

Microsoft
GOLD CERTIFIED
Partner

2008 ISV/SOFTWARE SOLUTIONS
PARTNER OF THE YEAR - WINNER

ICONICS

OPC CHARTER MEMBER

Compatible with Windows 7

CERTIFIED FOR Windows Server 2008

CERTIFIED FOR Windows Vista™

Visualize Your Enterprise™

GENESIS 32™

OPC Web-Enabled HMI/SCADA Software

ICONICS GENESIS32™ is the industry's first and only fully scalable suite of OPC, SNMP, BACnet, Web-enabled HMI and SCADA applications. Designed from the ground up to take advantage of the entire range of Microsoft® Windows® operating Systems, including Windows 7, the GENESIS32™Automation Suite delivers unparalleled ease-of-use, performance and cost savings due to its design built on open standards.

GENESIS32 is OPC-To-The-Core™, built entirely on standards, eliminating system database duplication during project development and protecting your investment via OPC Plug and Play connectivity and interoperability with all major third-party applications, industrial networks and devices.

GENESIS32 is ideal for all industries. ICONICS has more than 250,000 systems running in over 40,000 plants worldwide. If your application is process or discrete, ICONICS has the right automation product for you.

The following industries benefit from ICONICS GENESIS32 products:

- Airport Systems
- Automotive
- Building Controls
- Food and Beverage
- Government Infrastructures
- Machine Builders
- Manufacturing
- Oil, Gas and Petrochemical
- Pharmaceutical and Biotech
- Postal Systems
- Power & Energy Management
- Renewable Energy
- Transportation
- Utilities
- Water and Wastewater
- And many more…

For further information call

508-543-8600

or visit our website

www.iconics.com

Choose any module or the complete suite for the ultimate Freedom of Choice in Automation Technology.

Visualize Your Enterprise™

One Development Tool for Multiple Targets

The GENESIS32 development studio is certified for Windows 7, Windows Server 2008, and Windows Vista operating systems. Web-enabled applications run on Web browsers and Terminal Servers as well as dedicated wireless devices, Windows CE and Embedded devices.

Easy Configuration with Robust Workbench Application

WorkBench32™ provides a centralized Web-based environment for GENESIS32 system configuration and monitoring. It enables configuration of ICONICS GENESIS32 servers from one workspace. The servers include AlarmWorX32 Server, AlarmWorX32 Logger, TrendWorX32 Logger, Unified Data Manager, ScheduleWorX32, DataWorX32, Global Aliasing, Language Aliasing, and the ICONICS Modbus (Serial OPC Server). Support for additional servers will be added in future releases.

Modular Suite of HMI & SCADA Solutions

Award-winning, best-in-class HMI and SCADA applications are available as a fully integrated suite or as modular products.

OPC-To-The-Core™ Technology

DataWorX32 can be used with any OPC server, adding real-time OPC data management, data bridging and redundancy to any OPC application. Secure, transparent tunneling of OPC data between any networked endpoints is possible with the new built-in OPC Tunneling technology.

Web-Based Visualization

WebHMI provides thin client browser capabilities for trending, alarming and operator graphics. It uses standard Microsoft® Internet Explorer and requires no additional installation on client machines. GENESIS32 is certified for Microsoft® Terminal Server technology.

Multimedia OPC Alarming and Alert Notification

AlarmWorX™32 Multimedia is based on OPC Alarms and Events and provides alarm summary reporting and alarm logging to common databases. Connect alarms to Voice over IP applications, e-mail, faxes, Skype, telephones, marquees, pagers, SMS, GSM and voice systems.

OPC, SNMP, BACnet and Database Connectivity

GENESIS32 from ICONICS can connect to virtually any industrial automation device due to its powerful OPC-To-The-Core™ technology and SNMP auto-discovery technology. Any OPC-compliant data server or SNMP data point can easily connect to any GENESIS32 application.

Support for Redundancy and Cluster Servers

GENESIS32 provides a robust and reliable solution via a redundant system, removing single point of failure. The built-in redundancy core allows for monitoring and managing primary and secondary servers along with data synchronization

Project Management and Deployment Tools

Deploy projects by simply packing and then unpacking the project on the target PC and by letting ProjectWorX32 do all the work! ProjectWorX32 integrates Microsoft® Visual SourceSafe technology, making large projects collaboration-easy.

Firewall-friendly and Integrates with Wireless Devices

With ICONICS' GenBroker OPC over SOAP/XML and TCP/IP communications technology, integrating with the corporate IT LANs, WANs and intranets is a Plug and Play operation. Mobilize your work force with wireless devices such as Pocket PCs, Mobile phones and PDAs. Ideal for mobile personnel, such as operators, supervisors and managers.

International Language Switching and Reusable Global Aliasing

OEMs and Machine Builders needing to deploy their systems anywhere in the world can now define multiple language and engineering unit conversions for their machines. Easily create reusable graphics, trends and alarm applications with reusable Global Aliasing.

Powerful Data-Mining Technology

GENESIS32 software components can have database connectivity and access similar to OPC connectivity. Included is a database connection wizard and database object browser for data-mining server configuration. This powerful data-mining technology provides read and write access between many types of applications such as Microsoft SQL Server 2008, SQL Server Express, Microsoft Access, SAP, Plant Historians, ICONICS BizViz Manufacturing Intelligence suite, or any ODBC-compliant data source.

Calendar-based Scheduling for Building Controls

ScheduleWorX32 creates sequences of automatically executed commands based on chronological patterns, useful in discrete, process (batch) and building automation applications.

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