GENESIS 32™

Connect, Analyze and Visualize

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

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

Web-Based Trends and Charts
Connects to real-time and historical data through firewalls and has complete integration with wireless devices

Multimedia Alarming, Notification, and Alerts
Schedule and deliver alarms using voice over IP, phones, E-mail, pagers, fax and voice systems

One Development Tool for Multiple Targets
Single-development tool for workstations, servers, Pocket PCs, mobile devices, Web and Terminal servers. Runs on any Microsoft® Platform

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

Integrated Recipe Management
Recipe Data Manager allows for the centralized management of commonly used expressions and processes across GENESIS32 products as well as other ICONICS products.

International Language Switching and Global Aliasing
Easily deploy machine applications globally. Create reusable graphics, trends and alarm applications with powerful Global Aliasing
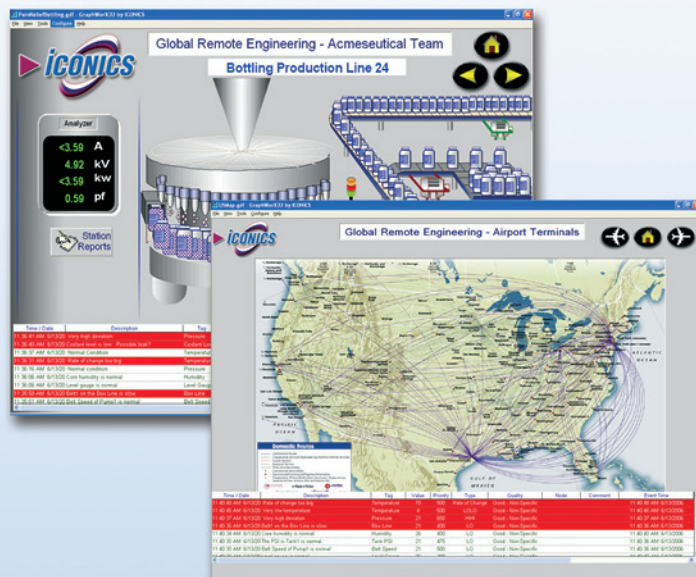
Built-In Diagnostics
Review and manage all licenses and versions and know which applications are running across the enterprise from one screen

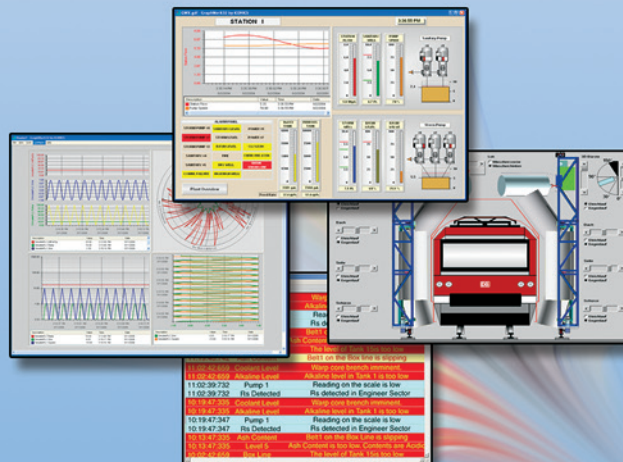### Powerful Data-Mining Technology
Open data-mining technology connects to Microsoft SQL Server 2005, SAP, Plant Historians, ICONICS BizViz, or any ODBC-compliant data source

Visual Control Replay Traceability Playback
Analyze, replay and animate graphical, historical, and alarm data from historical databases

"The worlds most complete suite of HMI / SCADA automation software!"

Microsoft® GOLD CERTIFIED Partner

ICONICS

OPC CHARTER MEMBER

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, Web-enabled HMI and SCADA applications. Designed from the ground-up to take advantage of the entire range of Microsoft® Windows® operating systems, the GENESIS32™ Automation Suite delivers unparalleled performance and cost savings due to its design around open standards.

OPC-To-The-Core is 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 200,000 systems running in over 20,000 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:

- Automotive
- Building Management
- Food and Beverage
- Oil, Gas and Chemical
- Machine Builders
- Pharmaceutical and Biotech
- Security
- Water and Wastewater
- Utilities
- Government Infrastructures
- Airport Systems
- Postal Systems
- And many more …

For further information call

508-543-8600

or visit our website

www.iconics.com

GENESIS 32

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

ICONICS

Visualize Your Enterprise!™

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.

One Development Tool for Multiple Targets
The GENESIS32 development studio can be run on Microsoft Windows 2000, XP and Windows Server 2003 operating systems. Web-enabled applications run on Web browsers and Terminal Servers as well as dedicated wireless Pocket PC, Windows CE, and Embedded devices.

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 endpoint is possible with the new Built-In OPC Tunneling technology.

Web-Based Trends and Charts
WebHMI provides thin client browser capabilities for trending, alarming and operator graphics. Uses standard Microsoft® Internet Explorer and requires no installation on client machines. GENESIS32 is certified for Microsoft® Terminal Server technology.

Multimedia Alarming, Notification, and Alerts
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, telephones, marquees, pagers, SMS, GSM and voice systems.

OPC, SNMP, 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.

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.

Integrated Recipe Management
Recipe Data Manager allows for the centralized management of commonly used Expressions, Schedules, Alarm Subscriptions, Alarm Filters, Recipes, Tag Groups, Event Triggers and Registers across GENESIS32 products as well as other ICONICS products. From an easy-to-use interface, users can create libraries of reusable expressions, recipes and other functions.

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 2005, SQL Server Express, Microsoft Access, SAP, Plant Historians, ICONICS BizViz Manufacturing Intelligence suite, or any ODBC-compliant data source.

Visual Control Replay and Traceability Playback
VCRWorX32 enables historical data replay within your real-time graphic screens. The media-like control floats on top of a GraphWorX32 screen and works just like a DVD player. Users can specify time and date ranges for replay, fast forward and rewind, as well as change the replay speed and search for key events.

Built-in Diagnostics
New system-wide monitoring function provides a common user interface to all ICONICS System Services, License Monitoring, WebHMI User Utilization and application running status.