Oil, Gas & Petrochemical

Innovative Software Delivering the Needs of the Oil and Gas Industry

GENESIS32™ Modular HMI/SCADA Automation Tools
Software suite integrates visualization, alarming, reporting and trending

Web-Enabled Distributed SCADA Operations
Access, monitor and control over Web-based Internet or intranet

Traceable Alarm and Event History
All operator actions, system events and alarms are retained

Data Historian Logs to Secure Databases
Store and retrieve real-time alarms and events within industry standard databases, such as Microsoft® SQL Server®, MSDE, Microsoft Access and Oracle®, to aid in record retention

OPC Plug and Play with Popular DCSs, PLCs and RTUs
Industry standard OPC connectivity for fast, easy communications

Connect Real-Time Production to Corporate IT Systems
Open database connectivity within HMI, database-to-database transactions, and reporting via OPC, ODBC and OLEDB

Multimedia Alarm Notification of Critical Parameters
Schedule and deliver alerts via e-mail, phone, fax, SMS pagers and more

Secure Audit Trails Track Operator Control Changes
Automatically track and log operator actions into a secure database

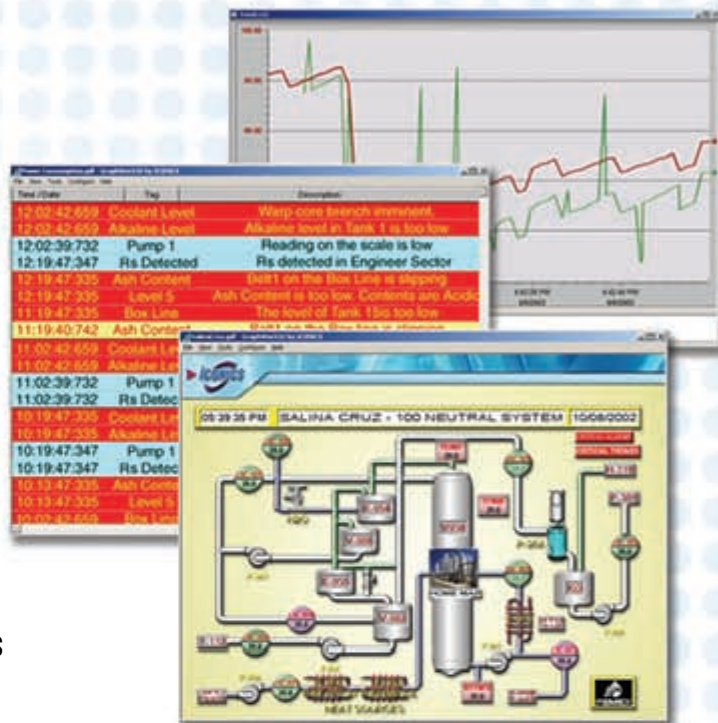### Regulatory Reports with Real-Time and Corporate Data
Publish event or schedule-based reports from multiple data sources in real-time

Project Management and Deployment Tools
Easily deploy projects, collaborate, and manage applications

Built-in Mission Critical Redundancy
Create non-stop mission critical automation applications with DataWorX™32

"Proven Innovation for the Oil, Gas & Petrochemical Industry"

Microsoft
GOLD CERTIFIED
Partner

ICONICS

Visualize Your Enterprise!™

The **ICONICS GENESIS32™** suite of applications offers features and functions specifically designed to aid oil and gas companies in managing operations.

Oil, Gas & Petrochemical Industries Served
For systems requiring superior monitoring and control, the following industries benefit from ICONICS' solutions:

- Production Companies
- Transportation Companies
- Equipment Suppliers
- Tool Manufacturers
- And Many More …

Benefits
Customers who deploy ICONICS' solutions in their oil and gas applications will enjoy many potential benefits:

- View trends and alarms anytime, anywhere via the Web
- Reduce transmission cost with Web-based SCADA
- Secure operations via operator accountability
- International language switching
- Customizable regulatory reporting
- Plug and play with open standards

For further information call
508-543-8600
or visit our Web site at
www.iconics.com

Visualize Your Enterprise!™

Oil, Gas & Petrochemical

Overview
Oil and gas companies need to manage and control their operations while meeting regulatory requirements of federal and local governments. The ICONICS GENESIS32™ suite of software products provides a method of building a system tailored to the organization's needs, providing a means for monitoring and controlling the overall operation from a single location while connecting all satellite and remote sites with secure and reliable networking technologies (LAN, WAN and the Internet).

GENESIS32 Modular Suite of HMI/SCADA Automation Tools
Fast and easy integration into your product solutions using state-of-the-art technology, fifth generation HMI, SCADA and control software applications as a fully integrated suite or as modular components.

Web-Enabled Distributed SCADA Operations
The ICONICS GENESIS32 suite enables monitoring and control of multiple locations with one software system. Not only can you monitor and access individual locations such as well heads, pumping stations or cooling towers, but you can also control entire pipelines and plant operations across intranets via wireless Pocket PCs.

Traceable Alarm and Event History
Record operator set-point and control changes using the GenEvent Server component. The GenEvent Server also creates a traceable history of other "system events." Include important items such as startup/shutdown sequences and times, operator login events, security issues, trouble reports and much more.

Data Historian Logs to Secure Databases
Both the ICONICS AlarmWorX32 Logger and the ICONICS TrendWorX32 Logger record their information to industry standard databases, including Microsoft SQL Server, MSDE, Microsoft Access and Oracle.

OPC Plug and Play with Popular DCSs, PLCs and RTUs
Hook up to existing devices quickly and easily using open-standard OPC servers. Connect directly to dozens of popular PLCs and other automation equipment. The ICONICS GENESIS32 software is built from the ground up using OPC technology, and therefore requires no time-consuming tag-database interfaces.

Connect Real-Time Production to Corporate IT Systems
Any data available with proper security through your IT network may be displayed or modified within the GENESIS32 software suite via OPC, ODBC and OLEDB open database connectivity. Database-to-database transactions and reporting are flexible with ICONICS' ReportWorX™ software, which acts on real-time data to direct information to the places where it is most needed.

Multimedia Alarm Notification of Critical Parameters
Quickly alert operations, maintenance and purchasing personnel to problems. AlarmWorX32 Multimedia, which is based on OPC Alarm and Events, provides alarm summary reporting and alarm logging to Microsoft® Access, MSDE, Microsoft SQL Server® and Oracle® databases. Connect alarms to e-mail, faxes, telephones, marquees, pagers, instant messaging, SMS, mobile phones and voice systems.

Secure Audit Trails Track Operator Input and Control Changes
Using the GenEvent™ Server, a standard part of GENESIS32, keeping track of operator input changes is automatic. This tracking system records the date and time stamp along with the name of the person performing the action, as well as the value entered and the tag name being affected. In addition, GENESIS32 also captures the node name, thus recording information pertaining to who, what, when and where.

Regulatory Reports with Real-Time and Corporate Data
Meet regulatory requirements and business needs with custom reports based on real-time events or schedules, from multiple OPC and ODBC data sources via e-mail, fax, Web publishing, and network printing.

Project Management and Deployment Tools
Deploy a project by simply packing it and then unpacking it on the target computer. GENESIS32 is integrated with Microsoft Visual SourceSafe® technology for accurate project management.

Built-in Mission Critical Redundancy
DataWorX™32 integrates OPC data redundancy and OPC server bridging for non-stop mission critical HMI, SCADA and control applications.

ICO-ILT-005