

Key Reasons for Choosing ICONICS

Fast, Reliable and OPC Scalable

ICONICS' OPC-to-the-Core™ technology takes maximum advantage of Windows and is extremely reliable and efficient for communicating with factory devices. GENESIS32™ provides scalable, symmetric multi-processing and multi-server distributed architecture.

Free Development Tools

The GENESIS32 development studio is totally FREE. ICONICS gives you the tools that you need to develop your applications at no additional cost for any Windows® platform.

Single Development System, Multiple Targets

GENESIS32 was developed from the ground up based on Win-32 and .NET technologies. GENESIS32 works seamlessly across all of the Microsoft® operating systems.

Web-Enabled HMI/SCADA

WebHMI™ provides remote access to your HMI/SCADA nodes, enabling real-time full-featured animated graphics, trends and alarms over the Internet or Intranet to any Web browser. ICONICS' revolutionary GenBroker™ with TCP/IP or SOAP/XML communications delivers OPC connectivity seamlessly through firewalls without DCOM.

Industry Standard Scripting

All ICONICS products support industry standard Microsoft Visual Basic® for Applications as well as VBScript and JScript.

Multimedia Alarming and Notification

AlarmWorX™32 Multimedia automatically alerts remote users of alarms and events via two-way pagers, fax, video, e-mail, pop-up windows, instant messenger, marquees on remote PCs, telephones and more!

OPC Data Bridging and Redundancy

DataWorX™32 offers OPC server-to-OPC server data exchange, automatic redundant switchover, as well as OPC Data Access and data aggregation.

Project Deployment Tools

ProjectWorX™32 is a powerful project deployment and management tool. Create and edit new applications, integrate them with Microsoft Visual SourceSafe®, and pack projects for automatic unpacking on remote computers for rapid applications deployment.

Embedded NT / XP and Windows CE

ICONICS products can be installed on PCs with limited resources and small memory "footprints."

Manufacturing Intelligence Made Easy

Optimize your KPI and OEE reporting. Bridge data between multiple data sources across multiple platforms with easy point and click tools.

Collaborative Automation Web Portals

Create visualization dashboards and real-time portals, which provide for collaboration of real-time data, projects and business information.

Visualize Any Data Source

Retrieve data from any OPC real-time or historical data source. Combine plant with business information and bridge virtually any data source.

Modular Visualization for Automation

The modularity of ICONICS solutions allows low-end to high-end scalability, giving you the ability to expand your system as your needs grow.

Open Database and Historical Storage

ICONICS products natively log historical data into IT-friendly open databases (Microsoft Access, Microsoft SQL Server, MSDE and Oracle®)

Wireless Mobile Connectivity

ICONICS offers the widest range of remote, wireless connectivity in the industry. With modules such as Pocket GENESIS™ and MobileHMI™ ICONICS provides access to your system at any time, from anywhere!

Comprehensive and Simple-to-Use Reporting

With ReportWorX™ easily create, schedule, print, e-mail, fax or Web publish reports. Using an Excel plug-in, reports can include, OPC, SQL, Oracle, Access, MSDE, SAP, ERP, CRM, MES or any data source.

Part 11, Traceability, Security and Audit Tools

ICONICS makes regulatory compliance easy with a full set of features that include comprehensive electronic records security, audit trails and many other features. ICONICS' Security Server is central to all ICONICS products and can synchronize with Windows NT and active directory server.

International Language Switching

ICONICS has native language switching for graphics displays, alarms and historical trends. It also supports automatic engineering unit conversion, all at the touch of a button. ICONICS solutions offer the most extensive and comprehensive language switching in the industry today!

Automatic Diagnostics and Analysis

TraceWorX™32, built into all ICONICS products, is designed to provide diagnostics, analysis and debugging to monitor system performance.