

# Web HMI™

## Web-Based Real-time Automation Software

### Web Access to Business and Factory Information

Connect to "live" plant, facilities, or corporate data over the Internet

### Thin-Client Architecture Requires No Installation

Delivers thin client visualization, trending, alarming and reporting

### Firewall and Corporate IT Friendly

Works with firewalls and routers over LANs, WANs and the Internet

### Data-Mine Historical Data from Standard Databases

View historical data from Microsoft® SQL Server 2005, SQL Server Express, Microsoft Access, Plant Historians, and more

### Comprehensive Security

Integrate with Windows® NT and active directory security

### Scalable Web Server Architecture

WebHMI scales seamlessly as applications and connections grow

### Universal OPC and SNMP Real-time Connectivity

OPC-To-The-Core™ technology and integrated SNMP simplifies connectivity and reduces the Total Cost of Ownership

### Web Studio Publishing Wizard

Easily publish operator displays, trends, alarms and reports to Web servers for instant access using standard browsers

### Web-Based Trends and Charts

Compare real-time data with historical information over the Web

### Web Access to Real-time and Historical Alarms

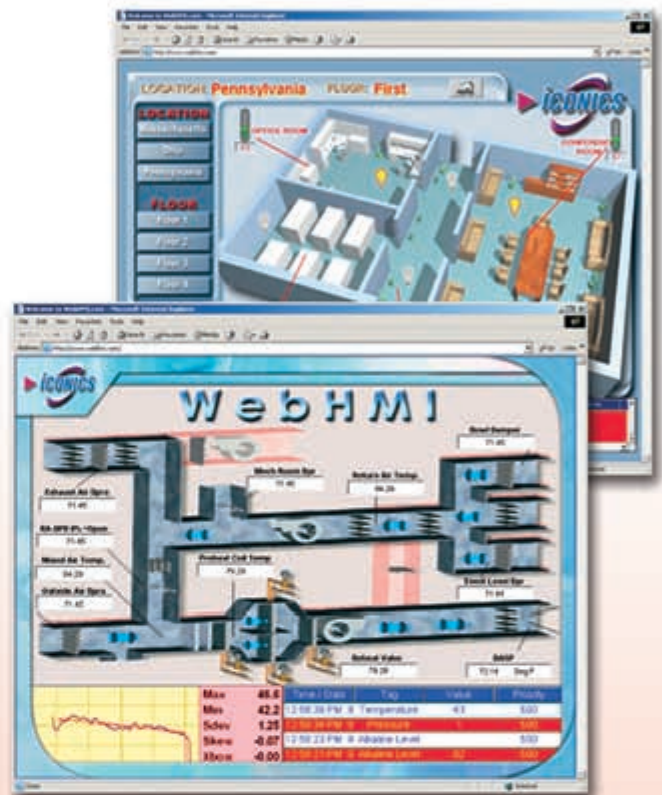
Instantly view and acknowledge alarms over the Internet or intranets. Analyze alarms using built-in pareto charts.

### Ideal for Remote Unattended Applications

Reliable, secure, read/write capabilities for remote users

### Reliable and Secure Tunneling Communications

Easily access information with built-in OPC technology or GenBroker



*"Turn any Web Browser into a Digital Dashboard!"*



Visualize Your Enterprise!™





# WebHMI™

Real-time, Visualization Over LANs, WANs and the Internet

## Web-Based HMI/SCADA

ICONICS' WebHMI™ turns any PC into a Web-enabled Thin Client by simply viewing a page on the WebHMI Server through Microsoft® Internet Explorer.

## Advantages of WebHMI

Publishing Web-based graphics, trends, reports and alarms is incredibly fast and intuitive using the ICONICS award-winning GENESIS32™. Based on the "one development tool, multiple target" design, creating applications for desktops, browsers, and Pocket PCs is easy. Easily configure distributed Web applications using the latest OPC-enabling technology.

## True Thin-Client Design

WebHMI uses Microsoft Internet Explorer to provide a Web browser interface to ICONICS' 32-bit graphics, trending, and alarming applications. WebHMI delivers all necessary components from a centralized Web server for automatic installation to any PC running any browser. There's no need to install any software onto the remote clients or to export or convert displays, WebHMI does all the work!

## ICONICS Markets Served

ICONICS has more than 200,000 systems running in over 20,000 plants worldwide. The following industries are benefiting from ICONICS solutions:

- 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.iconsics.com](http://www.iconsics.com)

# GENESIS 32™

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



Visualize Your Enterprise!

## WebHMI Architecture Overview

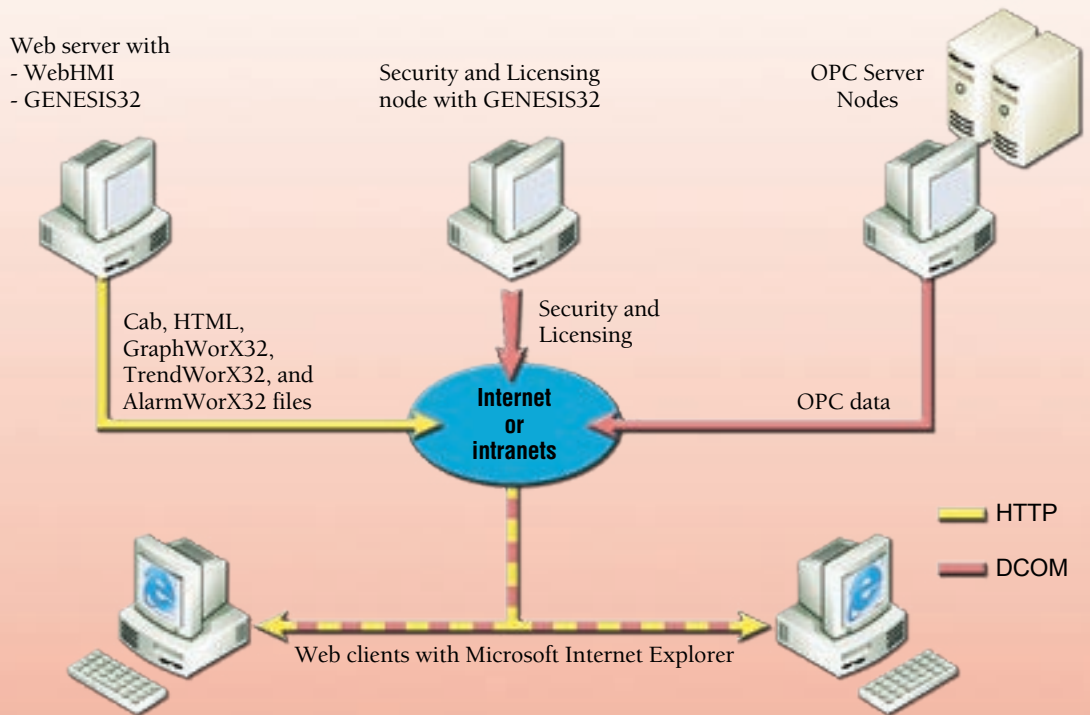
ICONICS' WebHMI enables users to view real-time HMI displays over the Internet or intranets on any client PC running Microsoft Internet Explorer. WebHMI is extremely easy to use and set up. Managers, supervisors and operators can simply point their browsers to the desired Web page containing production reports, HMI graphics, historical trends and alarms. As the client PC loads the requested HTML page from the designated Web server, which is running the WebHMI Server software, all the necessary components are automatically loaded to the client PC in the background. Once the HTML page download is complete, the remote client PC will have access to a real-time, OPC-enabled HTML page running on the browser. It's that simple!

## Publishing to Web Servers is Easy!

The Web publishing wizard publishes graphics, trends, reports and alarms to designated Web servers running Microsoft Personal Web Server or Microsoft Internet Information Server (IIS). Turn any application into a Web-enabled Digital Dashboard, integrating real-time factory and business information!

## Firewall and IT Friendly with Advanced Security

The WebHMI utilizes revolutionary GenBroker communications technology, which provides several advanced methods of communications across the Internet, intranets and plant and corporate IT infrastructures. GenBroker supports routers, smart switches, hubs and firewalls and uses industry standard OPC over SOAP/XML, OPC over TCP/IP as well as standard Microsoft COM, DCOM and VPN technologies to access real-time OPC data, alarms and historical information. Web pages have user-configurable advanced Windows security, providing both read and write capabilities. WebHMI's flexibility allows Web pages to be spread out over multiple networked Web servers. Dedicated security servers can be used to provide centralized security.



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