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ICONICS IN THE NEWS

InTech, February 2002. "The Factory Floor: System Checks Faraway Machines' Health"

Control Engineering, January 2002. "Software Standards Propel Information Exchange"

Control, December 2001. "Technically Speaking: Sensor Networks Get Unwired"

Start, December 2001. "Extending OPC"

IAN, November 2001. "MobileHMI Receives Automation Excellence Award"

Look for these articles online at www.iconics.com.

New MobileHMI Product Integrates .NET Technology

MobileHMI™, ICONICS' new Web-enabled mobile telephony software product, connects users to real-time manufacturing and production data over their wireless PDAs, Palm™, Pocket PCs, mobile phones, and other handheld devices. MobileHMI, which is the first ICONICS product to incorporate the Microsoft® .NET framework and Mobile Internet Toolkit, uses Wireless Application Protocol (WAP) technology, the leading global standard for applications over wireless networks. WAP provides a uniform technology platform with consistent formats for delivering Internet and intranet-based information and services to digital mobile phones and other wireless devices. MobileHMI supports any devices using WAP, WML, cHTML and HTML technologies.

"MobileHMI is definitely one of the most exciting automation products developed in response to manufacturers' needs and the 'wireless revolution' underway," says Russ Agrusa, President and CEO of ICONICS. "In 1995, there were eight million mobile phone subscribers. By the end of 1999, the number had risen to 450 million. That's an increase of 5,600 percent! Analysts predict that by the end of 2002 there will be more than one billion mobile phone users in the world. That's one phone for every six people. The world, its people, and the way we work are all changing. We are all 'going mobile'!"

MobileHMI, which provides instant access to real-time and database manufacturing data, anytime and anywhere the user may be, is an ideal solution for companies aiming to reduce their operating costs and maximize productivity. It is the first product to integrate the Plug and Play OPC automation standard with mobile, wireless Web phone technology. It supports the display of real-time alarming and live and historical trend information.

MobileHMI users can easily communicate with their production line, process control system, building automation and more

simply by connecting via their wireless mobile device and selecting from the menu choices that are instantly available on their mobile device's display screen.

Configuring MobileHMI is easy, flexible and graphically intuitive. Mobile applications can be configured to individual needs by choosing which OPC real-time information will be displayed from a wide selection of OPC servers.

The MobileHMI Configurator, which enables users to define how data will be displayed on their mobile devices, includes the following features:

- **User profiles and security management:** Provides customized password protection for all users. User profiles allow for user-specific, custom introduction pages as well as page and action restrictions.
- **Configuration database wizard:** Automatically creates Microsoft SQL Server® MobileHMI configuration databases.
- **Industry-standard OPC connectivity:** Enables instant wireless access to OPC Data Access, OPC Historical Data Access, and OPC Alarm and Events data from OPC servers.
- **Open database connectivity:** Provides instant wireless access to Microsoft SQL Server and Microsoft Access™ databases.
- **Mobile device emulator:** Enables users to see how their displays will look and to test their configurations before implementing their applications.

The monitoring of plant, building, and business data using mobile telephony technology is crucial in situations in which unattended and remote operations are necessary. MobileHMI is ideal for corporate managers, maintenance, facility and production supervisors, service fleets, and technicians in the automotive, discrete parts, food, pharmaceutical, steel, utilities, building control, and chemical industries.



From the Desk of

Russ Agrusa
President & CEO
ICONICS

Bill Gates' and Microsoft's vision of a PC on every desktop and in every home has largely been realized in the US, Japan, and many European countries. With the announcement of its .NET initiative, Microsoft has a new vision: to provide products and technologies that enable users to access information at any time, anywhere and on any type of device. With the release of Microsoft® Visual Studio® .NET, Mobile Information Server, and Mobile Internet Toolkit, creating industrial and commercial Web and wireless applications is becoming easier.

ICONICS' new MobileHMI™ is our first product designed from the ground up using the Microsoft .NET framework. Created specifically for the emerging wireless and mobile markets, MobileHMI enables users to deploy their applications to a wide variety of wireless PDAs, Pocket PCs, Internet phones and other mobile devices.

MobileHMI is the first in a series of products that will be based entirely on the Microsoft .NET vision. ICONICS plans to introduce several new products that will integrate the .NET technology into our GENESIS32™ family of HMI and SCADA products, providing greater Web, wireless and mobile capabilities to the factory and building automation industries.

Both thick-client and thin-client technologies are complementary and usually coexist on many applications to provide the greatest flexibility and capability. Most applications that require thick clients (for example, preinstalled products such as GENESIS32) have a need to distribute HMI and SCADA capabilities over corporate intranets and the Internet. This requires a thin-client solution in which the applications are delivered from a Web server to Web browsers using highly secure and robust TCP/IP, XML and OPC communications. ICONICS' GENESIS32, WebHMI™ and MobileHMI are ideal for any thick-client or thin-client application.

As many companies maintain smaller staffs to monitor machinery, buildings, plants and networks, there is an increasing need for instant access to operations. You don't need your notebook or PC to control your automation processes. Direct control, such as changing set points and acknowledging alarms directly from your wireless mobile device is possible and easy to do. MobileHMI provides this capability, enabling maintenance, operations and management personnel to stay in touch with their applications at all times.

Frantschach Pulp & Paper Uses ICONICS' WebHMI

The Frantschach Company, one of the world's leading producers of industrial packaging materials, is using ICONICS' GENESIS32™ and WebHMI™ software at its Pulp & Paper division's plant in Steti, Czech Republic. The plant, which produces 1,500 tons of paper daily, is one of the largest paper production sites in Europe, and is the largest WebHMI application in Eastern Europe.

The HMI/SCADA system for the Frantschach production plant, known as the Technological Information System (TIS), was implemented by the Merz Company, which acted as the consultant and system integrator for the TIS. The TIS is based on industry-standard OPC Data Access, Historical Data Access, and Alarm and Events communications.

The TIS, which uses nine OPC servers — including Measurex, OSI PI, Modbus, Siemens, and others — to integrate and process real-time data from all segments of the facility, employs 20 full ICONICS GENESIS32 systems with more than 100 graphics screens for real-time HMI visualization of the plant's operations.

An ICONICS WebHMI server provides HMI displays to 50 WebHMI clients, enabling production, maintenance, and management personnel to

view real-time OPC data from Web browsers on more than 150 PCs throughout the facility.

To handle the enormous amount of data generated by the plant, the TIS also uses ICONICS' DataWorX™32 OPC data exchange product, which provides a homogenous data-collection engine for more than 4,500 real-time OPC tags and more than 10,000 historical OPC tags.

Lubomir Rulisek, Pulp Mill Manager for the plant, comments "ICONICS' WebHMI software, SAP, OSI PI, and our integrator Merz have created the most powerful Web-enabled technological information systems for monitoring and analyzing our complete Pulp & Paper plant application."



ICONICS Introduces New Embedded GENESIS Products

ICONICS has recently introduced a new GENESIS™ product line for the Microsoft® Windows® Embedded family of operating systems, including Windows CE, Windows NT® Embedded, and Windows XP Embedded.

The ICONICS Embedded Series is a set of GENESIS products that install automatically on these Embedded operating systems. Designed for devices requiring small memory "footprints," the Embedded GENESIS Series is ideal for diskless systems that use flash memory.

The Embedded Series features several different configuration options that can be tailored to the needs of the customer. The ICONICS Embedded Series includes the following products:

- **Embedded GENESIS32:** Features the complete GENESIS32 product installation, including the configuration and runtime components. Some of the support files are not included.

- **Embedded SCADA:** Installs primary GENESIS32 runtime components, but does not include logging components and support files. This is a "real-time" system without archiving capability.
- **Embedded HMI:** Delivers visual HMI project displays using runtime components in GraphWorX™32.
- **Embedded WebHMI:** Delivers GENESIS32 components (and associated security, live data, etc.) to remote Web browsers. Embedded WebHMI provides the same Web-enabling functionality as the WebHMI product, but with the Web server running on an Embedded Windows platform.
- **Embedded GenBroker:** Deploys the ICONICS GenBroker™ utility, which provides OPC over TCP/IP communications across intranets and the Internet, connecting Embedded devices to OPC data over networks as well as through firewalls and routers.

ICONICS Unveils New Corporate Web Site

Months of intense planning and development have culminated in the launch of a new and improved ICONICS Web site. The new site, which replaces the former site at www.iconics.com, provides users with easy access to the latest information about the company and its products.

As shown in the screen at right, the site features easy-to-navigate drop-down menus with links to Products, Services, Support, News, Events, and Company Information. An advanced search function ensures that users can quickly find the information they need. "The new Web site's user-friendly architecture and attractive design make browsing the site an efficient and enjoyable experience," says Bob Braier, ICONICS' Director of Product Deployment.

The Products section provides a com-

prehensive overview of ICONICS products, including GENESIS32 and its add-on components, Pocket GENESIS™, WebHMI™, MobileHMI™, OPC Servers and OPC Toolkits.

Customers can register and license their ICONICS products and sign up for training courses online. They can also request information about products and services, submit an Action Report to the ICONICS Technical Support Team, and browse the Knowledge Database to get answers and solutions to frequently asked questions and technical issues. Many downloads are also available, including free OPC tools, hot fixes, and product user documentation.

The new site also includes both past and present news articles and press releases, as well as information about



upcoming industry trade shows and events. Customers can also locate and contact worldwide ICONICS sales representatives, distributors, and offices.

The new Web site offers a tremendous amount of information and vast resources for ICONICS customers, distributors, sales representatives, OEMs, and system integrators. Check out the new site today at www.iconics.com.

ICONICS Signs Multimillion-Dollar Deal With Johnson Controls

Johnson Controls, Inc. (JCI) has executed a licensing and technology agreement to continue the incorporation of ICONICS' GENESIS32™ software technology into its Metasys® Workstation building automation products. This multimillion-dollar agreement extends the relationship already in place between the two companies.

JCI provides building control systems and services, energy management and integrated facility management for nonresidential facilities. As part of this new agreement, JCI will continue to license ICONICS' Windows component-based products, GENESIS32 Enterprise Edition, incorporating various software components into its Metasys family of products.

Using the ICONICS GraphWorX™32 graphics component, Metasys Workstation users can analyze a facility's operations through the use of state-of-the-art graphical displays. Combined with the ICONICS AlarmWorX™32 product, alarm management is always at the facility manager's fingertips. A Multimedia Alarming option provides for remote notification of critical problems via e-mail, pager, voice mail, marquee and other methods, ensuring rapid response to the customer's needs.

Metasys Workstation offers dynamic, high-performance graphics, trending and alarming. With features such as animation color gradients, diagnostic trend charts and multifaceted zooming, the Metasys

Workstation makes it easy to tie together graphics, alarms and system operating functions. Users can build in navigation links, issue commands, and launch applications from operator interface displays.

"Our expanded relationship with ICONICS is a significant addition to our portfolio of building management technologies. The agreement strengthens Johnson Controls' ability to serve its markets with a high-performance, online graphical user interface (GUI) that is easy to operate, learn and use," notes Dale Lueck, JCI's Vice President and General Manager of Systems Products Worldwide. "In addition, the portability of these GUI components across multiple platforms accelerates the marriage of building systems with enterprise information and Web technologies."

The combination of ICONICS' GENESIS32 software and JCI's Metasys hardware creates a unified set of facility management workstations for the industrial process control portion of a plant's operation. "This is a strategic fit for both ICONICS and JCI," says Russ Agrusa, ICONICS' President and CEO. "We make high-level building blocks of automation used in various process and factory control systems. This synergy allows us to share our expertise with the building controls industry for more efficient, quality building environments."

ICONICS UPDATES

New Office Opens in Italy

ICONICS has opened a new office in Genova, Italy that will serve the Southern European markets, including Italy, France, Portugal, Spain, Greece, and Turkey. Headed by Roberto Penso, ICONICS' Southern Europe Sales Manager, the office will provide sales, technical support, training, and other services.

New Czech Office Directors

Zdenek Zadak has been named Director of the ICONICS office in Plzen, Czech Republic. Vojta Kresl has been appointed Technical Director of the Czech office.

Technical Support Manager

Kiran Sonti has been appointed Technical Support Manager.

Quality Assurance Manager

Oliver Gruner has been named Quality Assurance Manager.

New OPC ToolWorX Demo

A new OPC ToolWorX™ 3.05 Demo is now available as a FREE download on the ICONICS Web site at www.iconics.com/support/free_tools.



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UPCOMING EVENTS & SPECIALS

Training Classes

Foxborough, Massachusetts

- **GENESIS32 Standard**
April 23–25, 2002
June 4–6, 2002
- **GENESIS32 Advanced**
May 21–24, 2002
September 24–27, 2002
- **GENESIS32 Plus***
April 2–4, 2002
May 7–9, 2002

Gouda, Netherlands

- **GENESIS32 Europe**
April 24–26, 2002
May 29–31, 2002

*GENESIS32 Plus is a new three-day course that covers WebHMI and AlarmWorX32 Multimedia.

Spring Specials

Spring specials available April 1, 2002 through May 31, 2002

One FREE Pocket GENESIS Studio with the purchase of a GENESIS32 Enterprise Edition *with the Support-WorX Extended Plan* (limited to one per order).

Buy one, get one FREE. Attend a GENESIS32 Standard class during April or June 2002, and attend a GENESIS32 Plus class or a GENESIS32 Advanced class during the months of May 2002 through December 2002 FREE.

To place your product order, contact your local ICONICS representative or distributor. Using code **SP1102** (Pocket GENESIS Studio special) or code **SP1103** (training special) you may fax your order to (508) 543-1503, or e-mail it to orders@iconics.com.

Industry Events

- **InterPhex**
April 15–17, 2002
New York, New York
- **American Water Works Association**
June 16–20, 2002
New Orleans, Louisiana
- **ISA 2002**
October 21–24, 2002
Chicago, Illinois
- **FDA 21 CFR 11 Seminars**
Please check the ICONICS Web site at www.iconics.com for information about upcoming FDA seminars.

For the latest information about upcoming events, visit the ICONICS Web site at www.iconics.com.