MobileHMI™

Instant KPI & Alerts For Mobile Devices

Microsoft .net

Instantly Receive KPIs, Alerts and More
Plant Managers and production line supervisors receive KPI alarms instantly on cell phones or PDAs without needing to go back to their office

Scalable Enterprise Strength .NET Architecture
Take maximum advantage of the latest .NET technology. Leverage ADO.NET 2.0 for native data-mining capabilities

Reliable and Secure Wireless Communications
Role-based information access with password or PIN protection guarantees information security

Live Real-Time OPC Data
Connect to multiple real-time data sources such as OPC, PLCs, sensors, DCS systems and much more

Data Mine Standard Databases
Browse historical data from Microsoft® SQL Server 2000 and 2005, MSDE, Microsoft Access, ODBC and Oracle® databases

Browse Spreadsheets and Reports On Your Mobile Phone
View Excel spreadsheets whole or pre-configured sections anytime, anywhere

Fast Setup with Configuration Wizards
Define the data and delivery format. Filter historical OPC tags, create groups, and expressions

Real-Time SNMP Provides Integrated Network Monitoring
Monitor health of your network devices, receive network alerts on your cell phone

Supports Multiple Wireless Standards
Supports multiple standards such as GSM, TDMA, and CDMA using WAP

Powerful Internet Phone Emulation
WYSIWYG configuration simulates exactly how the mobile phone interface will appear

Role-Based User Preferences
Get to the information that matters most with customizable default displays on a per user basis. Localization preferences are also remembered for each user, so the information is delivered in your native language

"Instant access to your plant and business data anytime and from anywhere!"

Microsoft® GOLD CERTIFIED *Partner*

iCONICS

Visualize Your Enterprise!™

MobileHMI Microsoft .NET

Wireless Mobile Web Telephony Software

MobileHMI™ is the first product to integrate the Plug and Play OPC software automation standard with Web-enabled wireless phone technology. It's the ideal solution for applications requiring unattended maintenance and/or remote operations. Take advantage of your existing mobile communications infrastructure to access business, plant floor and production information.

Advantages of MobileHMI
MobileHMI applications can be customized by selecting specific OPC real-time information to display from a wide selection of ICONICS and third-party OPC Servers. Users can configure exactly what information they wish to display on their phones. MobileHMI is able to display real-time alarming, live & historical values, and additional information from Microsoft Access, SQL Server, Excel and other databases.

Receive KPI Alerts Instantly!
MobileHMI delivers KPI alerts directly to your wireless device, giving you the power to mobilize your workforce. Need to know a temperature value on the other side of the plant? Just browse your mobile device and the information is there in seconds!

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:

- Aerospace & Defense
- Automotive
- Biotechnology
- Building Automation
- Chemical & Petrochemical
- Consumer Packaged Goods
- Financial
- Food & Beverage
- Government
- Machine Builders
- Metals & Mining
- Oil & Gas
- Pharmaceuticals
- Power & Utilities
- Pulp & Paper
- Semiconductors
- Water & Wastewater

For further information call
508-543-8600
or visit our website
www.iconics.com

BIZVIZ

ICONICS

Visualize Your Enterprise!™

Based on Microsoft .NET Technology
Designed from the ground up with Microsoft's newest .NET technology, MobileHMI takes advantage of Microsoft's Mobile.NET SDK to connect to over 400 different wireless and mobile devices including mobile phones and Pocket PC, Palm, Blackberry, and other PDA devices.

Mobilize Your Work Force with Web Phones
You are free to work efficiently with the confidence that you will be alerted, and know you have the tools to analyze the information to pinpoint the source of any problems.

Wireless Mobile Phone Reaches the Factory Floor
Connect your mobile telephone to your production line, process control, automotive, water treatment or other systems. Using OPC Plug and Play, you can stay informed anytime, anywhere.

Live Real-time OPC Data Updates
MobileHMI is fully compliant with the OPC Foundation specifications for Data Access (DA), Alarms and Events (AE), and Historical Data Access (HDA). Connect to PLCs, remote I/O, standard fieldbus networks, sensors, DCS systems and much more.

2-Way Mobile Communications
MobileHMI supports GSM, TDMA, and CDMA global wireless standards, using the Wireless Applications Protocol (WAP). Away from your desk? Working off-site? Need to stay in touch on the weekend? Not a problem! Change set points and instantly receive alarm acknowledgements.

Instant Notification of OPC Alarms on Your Mobile Phone
Receive, sort, filter and acknowledge alarms using the Plug and Play OPC industry standard.

View Reports, Spreadsheets and Historical Data
Review real-time, as well as pre-defined historical trend, data from industry standard databases such as Microsoft SQL Server 2000 and 2005, SQL Server Express, MSDE, Microsoft Access, Oracle, or any ODBC connection.

Advanced Wireless Security
Customize your MobileHMI application and use PIN codes for advanced private security. Send information using the Web's hottest wireless communications tool.
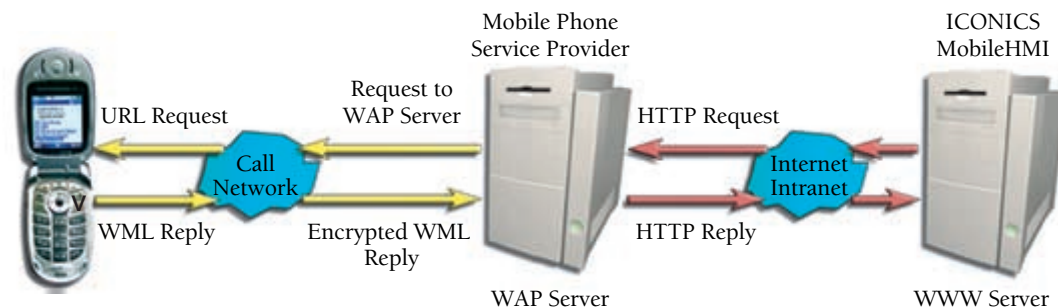
Advanced Mobile Configuration Wizard
Easy to use, timesaving configuration wizard provides the simplest method for defining mobile wireless projects. Managing wireless information has never been so easy!

Powerful Internet Phone Emulation
The Phone Emulator allows users to simulate exactly how their mobile phone will look and feel. This WYSIWYG tool makes it possible to see exactly what you will receive.

Centralized Security for Role-Based Views
MobileHMI integrates with the centralized ICONICS Security Server, which is used throughout the GENESIS32 and BizViz suites. This ensures that your mobile users will have the same secure access that they have on their desktops.

Mobile Phone Service Provider — ICONICS MobileHMI

URL Request — Request to WAP Server — Call Network — HTTP Request — Internet Intranet
WML Reply — Encrypted WML Reply — HTTP Reply
WAP Server — WWW Server

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