

A decorative graphic consisting of a long, thin, dark blue swoosh that curves upwards and then downwards, with a four-pointed starburst at its peak.

PocketGENESIS™

Product Brief for PocketGENESIS™

April 2010



Pocket GENESIS V9

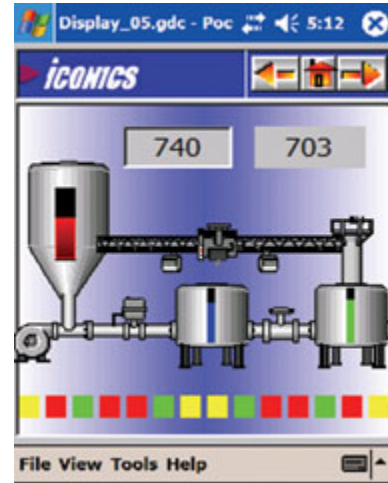
Product Brief



Get instantly connected to your most critical business and plant data, anytime and from anywhere!

Pocket GENESIS™ from ICONICS is the first suite of robust automation tools with a scalable architecture for running Human Machine Interfaces on Pocket PC–based devices. Pocket PC devices are ideal for operators and maintenance personnel who need to be mobile.

Pocket GENESIS from ICONICS can network via your internal intranet or wireless network with virtually any enterprise productivity application you may have. Pocket GENESIS is also fully compliant with the latest OPC specifications for Data Access, Alarm and Events and Historical Data Access.



Benefits of Pocket Devices in Automation

- Take advantage of low-cost, small-footprint devices.
- Enable your workforce to be mobile and not locked to a workstation.
- Get alarm notification instantly, anytime and anywhere.
- Reduce downtime by mobilizing maintenance engineers.
- Stay connected and get real-time KPI anytime and anywhere.

Time/Date	Description
2:23:25 PM 3/9/05	Core Humidity is low.
2:23:25 PM 3/9/05	The PSI in Tank1 is low.
2:23:25 PM 3/9/05	Level gauge is low.
2:23:25 PM 3/9/05	Compressor gauge is reading
2:23:23 PM 3/9/05	Belt Speed of Pump1 is low.
2:23:23 PM 3/9/05	Belt on the Box Line is slippin
2:23:22 PM 3/9/05	Tank33 High

Applying Handheld Wireless Devices on the Production Floor

A typical handheld, wireless application setup might look similar to the one below:

Work orders are produced and sent to the plant database.

From there maintenance personnel and operators with their Pocket PC devices running Pocket GENESIS can perform the operations they need and send the data back to the main application.

Even if the user drifts into a dead zone, Pocket GENESIS has a **store-and-forward** feature that will store and then forward the data once a connection is detected.



Full HMI Capability on Pocket PC - Graphics, Alarms, Trends, and More

Pocket GENESIS is a full-featured HMI designed and scaled for Pocket PC devices. It contains all the functionality of a desktop HMI, such as rich graphics. Instant alarm notification and acknowledgment as well as informative trending can be achieved with any Pocket PC device running Pocket GENESIS.

Use One Development Tool for Multiple Targets

With one development tool for multiple targets you can create impressive, scalable and portable visualization, trending, and alarm management displays from your workstation PC using the ICONICS easy point-and-click development tools. Then download the displays to your Pocket PC device running Pocket GENESIS.



Part of a Complete Suite of Scalable Solutions

Pocket GENESIS is part of a complete line of visualization solutions for real-time information. ICONICS solutions can visualize your information from the plant floor to the enterprise.



Supports the Following Operating Systems

- Pocket PC 2003
- Pocket PC 2003 Second Edition
- Windows Mobile 2003 for Pocket PC Phone Edition
- Windows Mobile 2003 SE for Pocket PC Phone Edition
- Windows Mobile 5.0 for Pocket PC Phone Edition
- Windows Mobile 6 Professional



Data-mine Standard Databases

Pocket GENESIS can also integrate easily and seamlessly into any enterprise application running on Microsoft SQL Server, MSDE, Microsoft Access, or Oracle databases.

Supports Multiple Pocket PC Platforms

Pocket GENESIS supports several Pocket PC platforms from small footprint to industrial devices. This list includes Dell Axim, HP IPAQ, Symbol Technologies industrial devices and more.

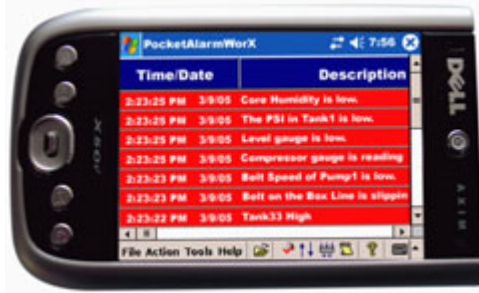


New Store & Forward Feature

Pocket GENESIS V9 is loaded with several new features, including built-in store-and-forward technology that allows your Pocket PC device to store information offline. Then you can forward the data when a wireless or wired connection becomes available.

Screen Rotation Supports Portrait and Landscape Modes

With Pocket GENESIS V9 users can switch between the traditional portrait mode and landscape mode screen orientation settings to optimize viewing of trend plots and alarm summaries.



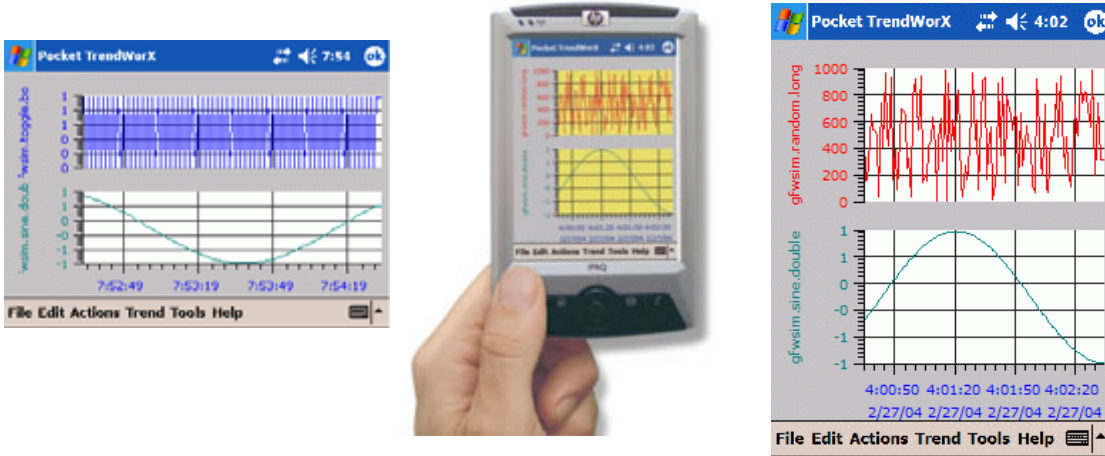
Remote Global Aliasing and Language Aliasing Support

Global aliasing and language aliasing save valuable development time and dollars. The same Pocket GENESIS screen or GraphWorX™ display file can be used to show different real-time information and also to switch between different languages automatically. A simple example of global aliasing would be a screen showing the values of Tank 1. An operator can click on a button labeled "Next Tank," and all the data tags on that screen instantly start showing the operator the values for Tank 2.

The same on-the-fly switching can also be used to switch between languages. With one push of a button the entire Pocket GENESIS application shows all information in a different language. Not only will the words change, but the units of measurement also will convert. For example, suppose the tank screen is displayed in English and an operator switches to French. The words will be translated from English to French, and the tank level will change from inches to centimeters.

Stackable Plots

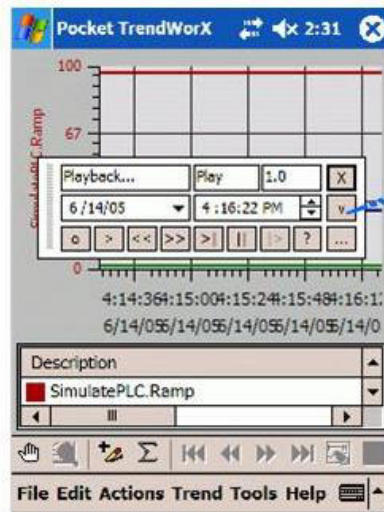
The award-winning Pocket TrendWorX™ component of Pocket GENESIS keeps getting better. V8 users can take advantage of stackable plots, allowing for quick trending comparisons and analysis. Tick marks, chart titles and labels are now completely configurable.



Historical Replay

VCRWorX™ introduced with GENESIS32™ V9 is now supported on Pocket GENESIS. From your Pocket PC device, you can replay and visualize historical, archived data from plant and business systems. With Pocket VCRWorX you can:

- Select a playback start time.
- Pick a playback speed.
- Compare live views with historical views.



VCRWorX Control Display allows floats on top of any Pocket TrendWorX screen

System Requirements

To use Pocket GENESIS software, you must have the minimum system requirements described in Tables 1 and 2 below. To get a current list of devices, go to Microsoft's Windows Mobile Web site at:

<http://www.microsoft.com/windowsmobile/devices/default.msp>.

Table 1 shows general device requirements. Table 2 shows the requirements of individual pocket applications. You can install GraphWorX, AlarmWorX, TrendWorX, and others by themselves or in any combination you desire.

Table 1. Pocket GENESIS Minimum Device Requirements.

Operating System	Minimum Memory MB	Optimum Memory MB
Windows Mobile 2003	32	64
Windows Mobile 2003 for Pocket PC Phone Edition	32	64
Windows Mobile 2003 2 nd Ed.	32	64
Windows Mobile 2003 SE for Pocket PC Phone Edition	32	64
Windows Mobile 5.0	32	64
Windows Mobile 5.0 for Pocket PC Phone Edition	32	64
Windows Mobile 6.0	32	64
Windows Mobile 6 Professional	32	64

Pocket GENESIS runs on the following Windows CE Operating Systems:

Windows Mobile 2003 for Pocket PC
 Windows Mobile 2003 for Pocket PC
 Phone Edition
 Windows Mobile 2003 SE for Pocket PC
 Windows Mobile 2003 SE for Pocket PC
 Phone Edition

Windows Mobile 5.0 for Pocket PC
 Windows Mobile 5.0 for Pocket PC
 Phone Edition
 Windows Mobile 6 Classic
 Windows Mobile 6 Professional

<i>Pocket GENESIS Component</i>	<i>Memory Size (Approximate)</i>
Pocket GENESIS™	4 MB
Pocket GraphWorX™	3 MB
Pocket TrendWorX™	3 MB
Pocket AlarmWorX™	3 MB
Help Files	0.5 MB
Examples	3 MB
Full Install	13 MB





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WHY CHOOSE ICONICS?

ICONICS, Inc. is a leading provider of award-winning enterprise Manufacturing intelligence and automation software solutions and implementation services. ICONICS solutions deliver real-time visibility into all enterprise operations and systems, helping companies to be more profitable, more agile and more efficient. ICONICS products have delivered value within over 250,000 installations worldwide and have been chosen by more than 70% of the Fortune 1000.

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