INTRINSYC Software Inc.

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INTRINSYC OPENS NEW MARKET SEGMENTS FOR EMBEDDED WINDOWS WITH THE INTRODUCTION OF 7 NEW PRODUCTS

Embedded Systems Conference, San Jose, Calif. – November 3, 1998 – Intrinsyc Software Inc. announced seven new products targeting the embedded Windows / Embedded Internet software market which are all shipping as full production releases today. The introduction of these licensable software technologies and supporting development tools is expected to fundamentally change the nature of the embedded software market by allowing the use of Microsoft's Windows CE, Windows NT and Windows NT Server operating systems in a number of new market segments that have traditionally been the sole domain of proprietary operating systems and technologies.

Intrinsyc has focused its software development efforts on extending the core capabilities of the Windows CE and NT operating systems into non-desktop, or embedded, computing applications. Key areas of interest to Intrinsyc have been: (a) addressing improvements in the quality and capabilities of the software development tools available to embedded systems programmers who are tasked with the challenge of efficiently creating new embedded Windows based products; and (b) extending the communications capabilities of these Windows operating systems with Internet/Intranet networking features, and Distributed Computing functionality.

With today's new product announcements by Intrinsyc, many of the barriers to entry for the Windows CE and NT operating systems into a number of important embedded market segments have fallen, creating a multitude of new opportunities for Original Equipment Manufacturers (OEMs) who are interested in manufacturing embedded Windows based product lines.

For details of today's announcements by Intrinsyc, please reference its web site at www.intrinsyc.com. Highlights on each of the new products follow here:

Rainbow™ ODK - Bringing the Embedded Internet to Window CE

The Rainbow OEM Development Kit (ODK) V2.1 brings the Embedded Internet to Windows CE by giving OEMs the ability to quickly develop embedded systems applications based on Intrinsyc's licensable Rainbow Web server technology. This technology enables Web server functionality to be easily and inexpensively incorporated into the rapidly growing number of consumer, commercial and industrial electronics products running the Windows CE operating system. Using Rainbow, OEMs can manufacture Windows CE based products that can be remotely managed, configured and controlled via the Internet or private TCP/IP networks.

Rainbow™ RMS – Giving OEM Products new Remote Configuration and Support Features

The Rainbow Remote Management System (RMS) gives OEMs powerful new remote configuration and support features for their Windows CE based products. Rainbow RMS is a collection of licensable Rainbow web server extensions and administration tools that provide the framework for remote management in distributed or embedded systems. Rainbow RMS provides full remote control over the file system, registry, applications, processes, and the operating system of networked products via the Internet or private TCP/IP networks. Rainbow RMS can be customized to meet special needs.

DeviceCOM™ ODK – Distributed Computing for Windows CE

The DeviceCOM OEM Developers Kit V1.0 brings distributed computing to Windows CE based products by giving OEMs the ability to quickly develop embedded systems applications based on Intrinsyc's licensable DeviceCOM technology. DeviceCOM is the first implementation of the DCOM (Distributed Component Object Model) standard for the Windows CE operating system. DeviceCOM makes it possible for OEMs to quickly add DCOM support to their Windows CE based products.

DCOM is a widely deployed object technology framework for Windows 95, Windows 98 and Windows NT operating systems created by Microsoft to standardize and facilitate the development of distributed systems. Windows CE is a natural choice for use in hierarchical systems where lower level embedded Windows CE systems communicate with higher level Windows NT and CE clients and servers. The DeviceCOM ODK empowers OEMs to use Windows CE in a broad range of DCOM-based applications such as industrial automation, information kiosks or point-of-sale systems.

DeviceCOM™ OPC Kit – DCOM support for Windows CE in Industrial Automation

The DeviceCOM™ OLE for Process Control (OPC) Kit makes it possible for Industrial Automation OEMs to quickly develop Windows CE based products for factory automation environments. OPC is a standard built upon the OLE (Object Linking and Embedding) and DCOM (Distributed Component Object Model) standards for distributed systems. The DeviceCOM OPC Kit builds on the DeviceCOM foundation, providing OPC-specific proxy/stub libraries that support OLE/COM communication between Windows 95, 98, NT and CE platforms.

The DeviceCOM OPC Kit is a breakthrough for process control and related industries. Inexpensive, low level Windows CE devices can now be easily integrated into DCS (Distributed Control Systems) and SCADA (Supervisory Control And Data Acquisition) systems using the OPC standard for communications and interoperability. Previously, low level controllers, I/O and data acquisition devices could only communicate with OPC-based systems through custom interfaces. DeviceCOM for OPC can also be implemented on low cost embedded PCs running ported Soft PLC and monitoring and control software.

Integration Expert™ for Windows CE – The Essential Companion to the Microsoft Windows CE Platform Builder

As announced in a separate news release yesterday, Integration Expert (IX) for Windows CE V1.1 is an essential software development tool suite that works in conjunction with Microsoft's Windows CE Platform Builder (ETK) to simplify and accelerate many critical aspects of Windows CE based embedded system development. The ETK is the tool used to customize and build the operating system, download to the target, and debug on the target.

Where the ETK is command-line driven, IX provides a graphical, intuitive interface to the ETK as well as a variety of analysis, optimization and integration tools not available in the ETK. IX also facilitates the development of application software in parallel with the development of the hardware platform. The result of using IX is a dramatic improvement in developer productivity and reduction in time to market. Improved developer productivity with IX can be translated into tens or even hundreds of thousands of dollars in time-to-market opportunities.

Integration Expert™ for Windows NT – Extending the Horizons for Embedded NT

Integration Expert (IX) for Windows NT is a powerful software development tool suite that works in conjunction with Microsoft's Windows NT and NT Server technologies to simplify and accelerate many critical aspects of embedded Windows NT system development. IX is a companion product to Microsoft's new embedded NT technologies and tools, and is the only software development tool suite on the market that can create embedded Windows NT Server targets. IX provides a variety of analysis, optimization and integration tools specifically for high-end embedded systems deployment. IX also facilitates the development of application software in parallel with the development of the hardware platform.

CErfBoard™ – An Exciting New Family of Embedded Internet Reference Platforms

CErfBoard V1.0 is an exciting new family of Windows CE based Embedded Internet Reference Platforms, tools, and application software that is the result of collaboration between Hitachi Semiconductor (America) Inc. and Intrinsyc Software, Inc.. Coupled with Hitachi's powerful SuperH™ RISC processor technologies and Intrinsyc's extensible Rainbow embedded web server, CErfBoard brings Windows CE Embedded Internet applications into markets that have previously been the sole domain of other proprietary operating systems. Micro-CErfBoard is the currently the world's smallest embedded Windows CE device.

OEMs can use CErfBoard reference platform technologies to quickly and economically integrate Embedded Internet functions into a wide range of Windows CE based products such as home entertainment and security systems, point of sale systems, and industrial and automotive control systems. Any embedded system with a need for low-cost, simple remote Internet connectivity, data collection, administration and management can be based on CErfBoard technologies. These designs are also supported by Intrinsyc's Integration Expert, DeviceCOM and WinFT embedded software technologies.

About Intrinsyc

Intrinsyc Software Inc. (VSE:ICS, US:ISYRF) is developing the next millennium's embedded Windows and Embedded Internet software technologies for license to Original Equipment Manufacturers (OEMs) in their consumer and commercial electronics product lines. For more information, contact Intrinsyc at info@intrinsyc.com or World Wide Web Page: http://www.intrinsyc.com.