Intrinsyc Extends Factory Automation to Low-cost Windows CE Devices with deviceOPC

Expanding the foundation provided by Intrinsyc's deviceCOM and deviceRMS technologies

ISA TECH/99, Philadelphia Pennsylvania Convention Center -- October 5, 1999: Intrinsyc (ICS.V) today announced the immediate availability of an important new product, deviceOPC, which brings the power of Windows DNA for Manufacturing to factory floor devices. This licensable technology allows manufacturers to quickly and affordably create powerful, yet low-cost, Windows CE based solutions that are network-compatible with the Enterprise.

Intrinsyc's deviceOPC and other breakthrough factory automation solutions, such as deviceCOM 2.2 and deviceRMS 3.0, will be showcased at ISA TECH/99, from October 5 to 7 at Philadelphia's Pennsylvania Convention Center at the Intrinsyc booth (# 845), as well as with a number of its industry partners. ISA TECH/99 is the premier industry trade show for instrumentation, systems, and automation technology. Intrinsyc deviceOPC 1.0 and deviceCOM 2.2 are both shipping today, while deviceRMS 3.0 is expected to be the first commercial implementation of Microsoft's emerging Universal Plug-and-Play (UPnP) technology for network management when it ships in Q1/00. During last week's unveiling of deviceRMS 3.0 at the Embedded Systems Conference West event in San Jose, CA, Intrinsyc's UPnP technology foundations garnered a significant amount of industry attention.

About deviceOPC 1.0
The deviceOPC technology is designed to tightly operate with Intrinsyc's deviceCOM framework, Intrinsyc's leading solution for rugged, distributed connectivity at the embedded level. It is designed to minimize the programming work required to develop OPC-compliant data access and event servers for Windows CE devices. The new deviceOPC technology was designed for headless Windows CE equipment, but can also be used on all other Windows platforms.

OPC is an industry standard interface defined by the OPC Foundation -- a non-profit organization of more than 220 industrial equipment and software vendors, including Intrinsyc -- for transmitting data from factory-floor devices and machines up to the Enterprise. The standard facilitates the development of OPC-compliant products by multiple vendors, so they can interoperate. End-users ultimately save on maintenance and support costs, lowering the total cost of ownership of their industrial automation systems.

"At less than 300K and designed for headless systems, deviceOPC cuts design time and expands OPC functionality to a broad variety of low-cost Windows CE devices," says Guylain Roy-MacHabee, VP Marketing for Intrinsyc. "Most existing and new OPC server applications depend on MFC (Microsoft Foundation Classes), the Windows operating system elements that provide user display capabilities. However, these elements are not present on headless Windows CE systems in order to minimize memory size and license fees. When porting existing applications to headless devices, developers must either go through time-consuming code cleanup or add MFC support to Windows CE devices. Intrinsyc deviceOPC solves those problems."

About deviceCOM 2.2
Intrinsyc deviceCOM enables OEMs to rapidly link their Internet Devices to the Web and the Enterprise. Intrinsyc deviceCOM 2.2, released September 20, 1999, includes new fault tolerance capabilities by allowing users to control how deviceCOM handles network interrupts and failures. It also has built-in Universal Plug-and-Play (UPnP) support, allowing OEMs to use deviceCOM to automatically and easily detect network devices, and it can work through firewalls, thereby extending DCOM functionality. With a footprint under 300K, deviceCOM was designed specifically for distributed embedded Windows systems. It fits into small, low-cost devices, is highly reliable, and runs on a wide range of communications networks. It also has powerful security options to protect the integrity of embedded systems. Intrinsyc deviceCOM offers local and remote DCOM connectivity on all Windows platforms today, including Windows CE 2.xx, and is completely compatible with COM client and server applications.

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About deviceRMS 3.0

Intrinsyc deviceRMS is built on deviceCOM, Intrinsyc's reliable, DCOM-compatible communications technology, and deviceUPnP, a powerful new feature compatible with Microsoft's emerging Universal Plug-and-Play standard. With built-in UPnP support, deviceRMS 3.0 brings 'automatic discovery' capabilities to Windows-based Internet Devices, and the ability to use the familiar Microsoft COM programming model to add system functionality. Once connected to any IP-capable network, whether LAN, Intranet or wireless, deviceRMS-enabled devices and their built-in resources are immediately detected by the system. Administrators can then easily remotely control, monitor and update devices, either individually or as groups -- from any desktop PC.

About Intrinsyc

Founded in 1992 and based in Vancouver, BC, Intrinsyc provides solutions for creating, managing and linking Internet Devices and Information Appliances -- small, embedded computers hidden in everyday things such as cars and VCRs, and in commercial and industrial products such as vending machines and factory floor controllers. Intrinsyc's technologies enable manufacturers to rapidly build highly reliable, web- and enterprise-ready devices for segments such as mobile computing, industrial automation, and point-of-sale -- all large and rapidly growing global markets. Intrinsyc's products have found acceptance with an expanding list of Fortune 500 companies, which are driven by the company's compelling business model, world-class technology and leading technological innovation. Intrinsyc's ultimate value proposition to its customers is accelerating their time-to-market in the highly competitive embedded systems space.

For more information, please contact:
Guylain Roy-MacHabee
VP Marketing
604-801-6461
groy@intrinsyc.com