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Cypress Envirosystems and Invensys Form Technology Alliance to Deliver Energy-Efficient Monitoring and Control Solutions to Industrial and Commercial Facilities

Cypress Envirosystems' Wireless Automation Solutions Now Compatible with New Wonderware Corporate Energy Management Application

SAN JOSE, Calif., November 12, 2009 – Cypress Envirosystems, a subsidiary of Cypress Semiconductor Corp. (NASDAQ:CY), and Invensys Operations Management, a global provider of technology systems, software solutions and consulting services to the process and manufacturing industries, today announced the companies have formed a technology alliance. The agreement ensures seamless interoperability between Cypress Envirosystems' wireless monitoring and control solutions and a wide range of Wonderware® software solutions, including Invensys Operations Management's new Wonderware Corporate Energy Management Application. The combined solutions can be set up quickly to make it simple for customers to conserve energy and cut costs in industrial and commercial facilities.

"We are pleased to join forces with Invensys and to leverage their Wonderware software solutions, which are widely recognized for their ease of use and the versatility they bring to manage diverse plant and facilities functions effectively," said Harry Sim, CEO of Cypress Envirosystems. "Our combined solutions allow managers of existing facilities to automate processes with minimal disruption, significantly boosting operational efficiency while conserving energy."

Cypress Envirosystems' technologies enable older buildings and manufacturing sites to adopt the latest automation technologies at an affordable cost, and with minimal disruption to existing occupants, processes and staff. The products require minutes to install and typically provide payback within 12 months. The alliance with Invensys includes Cypress Envirosystems' Wireless

Gauge Reader, the Wireless Steam Trap Monitor, the Wireless Transducer Reader and the Wireless Pneumatic Thermostat.

The new Wonderware Corporate Energy Management Application transforms data into vital plant information to synchronize operations and business objectives. This application enables manufacturing, industrial and commercial facilities customers to easily and quickly implement energy management programs to achieve corporate-wide sustainability goals. It allows users to monitor, detect and notify personnel of energy inefficiencies when demand and usage limits have been exceeded and require attention. It also connects directly to meters through automation systems and building information networks, as well as accepts manual entry via Wonderware InTouch® HMI interface for operations management, control and optimization. Field information may also be supplied from the Wonderware IntelaTrac mobile workforce and decision support system. The energy management application checks consumption and demand at main and sub meters operating a wide range of power generation methods, including power, water, gas, air and steam. Alarms detect when demand limits are exceeded with visualization of alarms provided by InTouch software.

"End users have a growing need to extract data from their sustainability, energy savings and leak detection applications, but manufacturers are not always in a position to access this information because legacy systems are monitoring and controlling important processes such as water, steam, oil and natural gas consumption," said Craig Resnick, Research Director, ARC Advisory Group. "The strategic alliance between Cypress Envirosystems and Invensys will provide solutions that will connect these automation islands and extend the lifecycle of legacy assets, enabling the deployment of applications that will result in energy and natural resource savings, increased plant efficiency and a quick return on investment."

"Our open technology platform is a collaborative foundation that ecosystem partners use to develop a wide variety of targeted solutions for industrial automation and facilities management markets at competitive prices," said Matt Bauer, vice president of ecosystems, Invensys Operations Management. "Cypress Envirosystems is an example of the power in that approach. Together we deliver an outstanding value proposition that overcomes a major issue for many organizations: interactive control of, and data collection from, traditional analog-style instrumentation associated with energy usage and management. Their low-cost conversion of legacy meters, dials and valves into a wireless digital environment creates rapidly deployable,

highly cost-effective data sources for our corporate energy management solution. Together we offer a granular level of energy-usage visibility, tracking and control that simply has not been available in any of our served markets to date."

About the Cypress Envirosystems Product Line

The patent-pending Wireless Gauge Reader (WGR) clips-on to the front face of an existing gauge to capture and transmit the readings. It installs in minutes and does not require removing old gauges, breaking pressure seals, performing leak checks, running wires or interrupting the underlying process.

The Wireless Steam Trap Monitor (WSTM) mounts non-invasively onto existing steam traps in minutes and uses a proven algorithm to detect steam trap failures, particularly expensive steam leaks. An estimated 15-20% of steam traps are malfunctioning at a given time, and the WSTM augments manual audits to detect failures in a timely manner and avoid wasting resources.

The Wireless Transducer Reader (WTR) provides a fast and inexpensive solution to read and transmit data from existing standalone transducers with no need to run wires. Packaged with clamp-on current meters and ultrasonic flow meters, the WTR is an extremely cost effective and flexible method to obtain energy-use characterization and baseline data for audits.

The patent-pending Wireless Pneumatic Thermostat (WPT) retrofits existing pneumatic thermostats to deliver DDC-like functionality in minutes. Compared with a cost of $2,500 or more per zone for implementing DDC systems, the WPT costs less than 20% as much and enables remote temperature sensing and control of setpoints, programmable zone control, self-calibration and Demand Response program usage.

About Invensys Operations Management

Invensys Operations Management, a division of Invensys, is a leading provider of automation and information technology, systems, software solutions, services and consulting to the global manufacturing and infrastructure industries. Headquartered in Plano, Texas, its solutions are used by more than 40,000 clients around the world in more than 200,000 plants and facilities.

Invensys Operations Management's offerings are delivered under several prominent industry brands, including Action Instruments, ArchestrA, Avantis, Barber-Colman, Chessell, Continental,

Eurotherm, Foxboro, IMServ, InFusion, SimSci-Esscor, Triconex and Wonderware. The company's approximately 9,000 employees and its global partner ecosystem integrate these products and services to help clients collaborate across systems and enterprises in real time, extracting critical data to make faster, better decisions and synchronize their operations from the plant floor to the executive offices, aligning production goals with business objectives. To learn more about Invensys Operations Management, visit iom.invensys.com.

Invensys plc (www.invensys.com) is headquartered in London and is listed on the London Stock Exchange (ISYS.L), with approximately 20,000 employees working in 50 countries.

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About Cypress Envirosystems

Cypress Envirosystems is a subsidiary of Cypress Semiconductor (NASDAQ: CY). Its mission is to save energy and improve productivity in older plants and buildings, using state-of-the-art non-invasive and wireless technologies to minimize disruption and cost, delivering payback of 12 months or less. More information is available at: www.CypressEnvirosystems.com.

About Cypress

Cypress delivers high-performance, mixed-signal, programmable solutions that provide customers with rapid time-to-market and exceptional system value. Cypress offerings include the flagship PSoC® programmable system-on-chip families and derivatives such as PowerPSoC® solutions for high-voltage and LED lighting applications, CapSense® touch sensing and TrueTouch™ solutions for touchscreens. Cypress is the world leader in USB controllers, including the high-performance West Bridge® solution that enhances connectivity and performance in multimedia handsets. Cypress is also a leader in high-performance memories and programmable timing devices. Cypress serves numerous markets including consumer, mobile handsets, computation, data communications, automotive, industrial and military. Cypress trades on the NASDAQ under the ticker symbol CY. Visit Cypress online at www.cypress.com.

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