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WORLD WIRELESS COMMUNICATIONS' MICROHOPPER RADIO IS INCORPORATED INTO A FIXED RF GAS DETECTION UNIT

American Control Technologies and Industrial Scientific utilize 900 Spread Spectrum Microhopper to develop the first fixed RF gas detection unit

Denver, CO, JULY 19, 2000 – World Wireless Communications Inc. (Amex: XWC), a leading developer of wireless and Internet technology, announced today that American Control Technologies, a leader in RF system integration, has integrated World Wireless' Microhopper radio into a fixed RF gas detection unit manufactured and developed by Industrial Scientific Corporation, a leader in gas sensor safety systems. This product will be shown at the upcoming ISA show (International Society for Measurement and Control) which will draw tens of thousands of instrumentation professionals to New Orleans on August 21-24 2000.

The Industrial Scientific Corporation Transmitter II™ monitor incorporates the World Wireless 900 Spread Spectrum Microhopper radio with an RS485 interface board, to provide the first compact and optimized wireless fixed gas monitoring and detection unit. The radio/sensor integration offers cost-sensitive industries, such as remote sensing and control, an affordable and reliable wireless alternative to cost prohibitive installation of conduit and wiring.

"The integration of a wireless network link coupled with an industry standard software protocol such as Modbus provides customers the highest level of scalability and interoperability at a cost effective system price," remarked James Skourlis, Project Manager and Senior Electrical Engineer of Industrial Scientific Corporation. "The level

of flexibility intrinsic to this architecture permits customers the widest choice of installation options and configurations when it comes to gas monitoring and controlling."

Lawrence Lebeau and Richard Zapolin, of American Control Technologies, explained why the new wireless sensor offered technical and cost advantages beyond the present generation of gas detectors. They explained that, " Most previous products in the fixed gas detection market offered only hard-wired sensor connections using the long-standing approach of a low-current signal to send the detector reading to the central monitor. With each sensor on its own pair of sensor wires cabled separately from power wiring, the sensors were often too costly to include within a system."

"More recently attempts were made to send the sensor information through a UHF radio network, but the costs of licensing the radio channels and the problems with ensuring a reliable link limited the acceptance of this approach. As radio and control experts, we turned instead to the capabilities offered by the compact and inexpensive license-free radios from World Wireless. The integration of the MODBUS communications protocol permitted true netting of the data from the sensors since each could be queried independently to respond with a custom message identified by its own network address."

"Combining that approach with wireless links for the network, the resulting product was free from the costs of wiring while retaining the reliability of the older generation of current-loop sensors. Retaining all of the sensor capabilities with lower system-costs and easier implementation is a combination that is hard to match."

The 900 Spread Spectrum Microhopper incorporates World Wireless' proprietary Secure-Sync™ technology that adds security, increases throughput efficiency, and provides error detection. It significantly reduces the overhead inherent in other coding methods and provides faster effective communications speeds at a much lower cost. Early response has been enthusiastic from industry leaders, who seek to tie their systems together without the expense of retrofit wiring or explosion-proof instrumentation cabling.

“We are pleased that American Control Technologies, Ltd. and Industrial Scientific have incorporated our 900 Spread Spectrum Microhopper into their gas detection unit,” remarked David Singer, president and CEO, World Wireless. “This development is an excellent example of one of many areas in which our radio can be applied.”

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About Industrial Scientific Corporation

Headquartered in Oakdale, Pennsylvania, Industrial Scientific Corporation designs, manufacturers and sells gas monitoring instruments and other technical products for the preservation of human life and property. The Company currently has 28 regional offices in six countries worldwide and is a leading developer and manufacturer of gas monitoring solutions, offering a comprehensive line of products and services. For more information on this project or other Industrial Scientific's gas detection products, call 1-800-DETECTS (338-3287) or visit the Industrial Scientific web site at www.indsci.com.

About American Control Technologies, Ltd.

American Control Technologies, Ltd. is an RF and control engineering firm, founded nine years ago by a group of engineers who recognized a need for RF and control engineering based support for OEMs. A.C.T. has been involved in the design and manufacture of sophisticated radio frequency data products, including transceivers, integrated RF modems, and stand-alone wireless data acquisition. A.C.T. also offers consulting services, including RF path surveys and interfacing through all major communications protocols with emphasis on Modbus™ and Allen Bradley Data Highway™. American Control Technologies, Ltd. is a subsidiary of American Computer Technologies, Ltd. For more information, please visit the company's web site at www.americancomptech.com.

About World Wireless Communications

World Wireless Communications, Inc.(Amex: XWC) formed in 1995 is a leading developer of wireless and Internet systems. The company develops and distributes components for its X-traWeb™ network, a convergence technology for the monitoring

and control of remote systems through the Internet. XWC also focuses on spectrum radios in the 900 MHz and 2.4 GHz Bands. X-traWeb is a critical advancement for the next evolution of Internet application -- creating an *eLifestyle* whereby many commonly used products will be easily monitored and controlled remotely through the Internet from anywhere in the world. For more information, please visit the company's web site at www.worldwireless.com.

Statements made in this press release, other than those concerning historical information, should be considered forward-looking and subject to various risks and uncertainties. Such forward-looking statements are made based on management's belief as well as the assumptions made by, and information currently available to, management pursuant to the 'safe harbor' provisions of the Private Securities Litigation Reform Act of 1995.

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