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Press Release

Source: Kai Sensors, Inc.

Kai Sensors Secures U.S. Army Funding for Radar on a Chip

Monday October 15, 3:21 pm ET

HONOLULU, HI--(MARKET WIRE)--Oct 15, 2007 -- Kai Sensors, Inc., a Honolulu-based developer of wireless heart rate and respiration sensing technology, today announced that through a wholly owned subsidiary, it has secured the first phase of a U.S. Army contract that could be worth up to \$850,000 for development of sensor and communication technology on a single chip.

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Kai Sensors develops products based on its proprietary, state-of-the-art Heart Sensing Radar technology, named LifeReader(TM), which has the ability to accurately detect and monitor heart and respiration activity of multiple subjects wirelessly, remotely, safely, and with no contact to the subjects. The Company's technology is capable of doing so through walls and with the accuracy needed to meet many health care applications. It works by using sophisticated MIMO Doppler radar technology in combination with advanced algorithms and data analysis.

"We are very excited about partnering with the Army in our chip development efforts," states Andrea Yuen, Kai Sensors' CEO. "Being awarded this

contract by the Army validates that we are at the cutting edge of our field and will facilitate our efforts to develop LifeReader(TM) chips that will someday be integrated into products for the automotive, homeland security, and medical markets."

In the automotive industry, Kai Sensors' products, once designed into a car, could improve driver and passenger safety by detecting a baby mistakenly left in a car, by delivering medical information on passengers involved in an accident, and by alerting a driver when he is falling asleep or in medical danger. The Company's homeland security products will be designed to enhance national security by allowing for improved screening techniques, through identifying individuals who should be screened further. The Company's remote patient monitoring devices will someday help physicians diagnose and monitor numerous health care conditions much less intrusively and more accurately by allowing physicians to collect more data from a patient over a longer period of time.

"The Kai Sensors team is highly innovative and has extensive experience in Doppler radar, chip technology, and communications. They are very well positioned to bring this technology to market for both military and commercial applications," states Dr. Barry Perlman, Associate Director for Technology of the U.S. Army Communications Electronics Center. "Development of a highly integrated multifunction system on a chip to support radar and communications will significantly impact a number of important Army search, track, identification, and sensor communications applications where small size, weight and power or SWAP are critical requirements."

LifeReader(TM) was developed at the University of Hawaii's Electrical Engineering Department over the past four years by a group of industry leading researchers. Kai Sensors' chairman of the board is Dustin Shindo, founder, chairman, and CEO of Hoku Scientific.

About Kai Sensors, Inc.

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Kai Sensors, Inc. is a Hawaii-based technology development company that engages in the development and commercialization of wireless heart rate and respiration detection and monitoring devices based on the company's proprietary LifeReader(TM) technology. The company plans to integrate its technology into products for the automotive, homeland security, and remote patient monitoring markets. Kai Sensors holds the worldwide exclusive license in all fields of use to LifeReader(TM), which was developed at the University of Hawaii over the past four years.

Kai Sensors' technical team includes experts in MIMO Doppler radar, chips, remote sensing and communication technologies. They have a combined 22 years of experience and more than 60 publications in this field. The technical team includes Dr. Victor Lubecke, Dr. Anders Host-Madsen, and Dr. Olga Boric-Lubecke.

LifeReader(TM) is a trademark of Kai Sensors, Inc.

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