



IRVINE SENSORS CORPORATION NEWS RELEASE

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FOR IMMEDIATE RELEASE

**IRVINE SENSORS TO SHOW ELECTRONIC “DOG TAG” AT ATA CONFERENCE
Operational demonstrations set for April 17 – 20, 2005 in Denver**

COSTA MESA, CALIFORNIA – March 22, 2005 -- Irvine Sensors Corporation (Nasdaq: IRSN, Boston Stock Exchange: ISC) announced today that it will be demonstrating the operational prototype of its electronic “dog tag” at the Tenth Annual Meeting and Exposition of the American Telemedicine Association (“ATA”) on April 17 – 20, 2005 held at the Colorado Convention Center in Denver, Colorado. Discussed by Irvine Sensors in recent web casts, the electronic dog tag is being developed to provide U.S. military personnel with a rugged electronic storage device, containing the individual’s complete medical history, which has the familiar size and look of a standard military identification dog tag worn around the neck. The Irvine Sensors’ electronic dog tag incorporates wireless communication using Secure Radio Frequency transmission, a USB interface, data storage capacity ranging from 256 megabytes to 8 gigabytes and a built-in rechargeable battery. These features would allow military health care providers to retrieve the medical history of personnel and record and transmit any medical care activity in all environments, including the battlefield, using a handheld personal data assistant (“PDA”) developed by the military for point-of-care use. The Irvine Sensors development activity to date has largely been funded through Small Business Innovation Research grants and is part of a broader, competitive procurement process intended to enhance military health care using advanced technologies.

John Carson, Irvine Sensors’ President said, “We recognize that a lot of factors will go into the ultimate selection of an electronic dog tag for field deployment, but we believe that our proprietary technology and expertise in miniaturizing electronics has given us a head start in developing a superior solution that addresses the full range of emerging military requirements. We hope to be able to test that view at the ATA conference, since the other companies competing for the potential production opportunity are also expected to be making demonstrations.”

Irvine Sensors Corporation, headquartered in Costa Mesa, California, is primarily engaged in the sale of stacked chip assemblies and miniaturized cameras and research and development related to high density electronics, miniaturized sensors, optical interconnection technology, high speed routers, image processing and low-power analog and mixed-signal integrated circuits for diverse systems applications.

Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995: This news release may contain forward-looking statements based on our current expectations, estimates and projections about our industry, management's beliefs, and certain assumptions made by us. Words such as "anticipates," "expects," "projects", "intends," "plans," "believes," "seeks," "estimates," "may," "will" and variations of these words or similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to, our expectations regarding potential demand and applications for electronic dog tags, in general, and our electronic dog tag specifically. Such statements speak only as of the date hereof and are subject to change. We undertake no obligation to revise or update publicly any forward-looking statements for any reason. These statements are not guarantees of future performance and are subject to certain risks, uncertainties and assumptions that are difficult to predict. Therefore, our actual results could differ materially and adversely from those expressed in any forward-looking statements as a result of various factors.

Important factors that may cause such a difference include, but are not limited to, our ability to achieve and sustain required production standards for a military electronic dog tag; the ability of our sources of supply to meet volume production needs, should such needs emerge; our ability to raise additional capital; our ability to control costs and expenses; the potential unforeseen impact of product offerings from competitors; and general economic and political conditions and specific conditions in the markets we address, particularly as it might effect the status of contract manufacturing sources that we would likely have to employ to manufacture our electronic dog tags. Further information on Irvine Sensors Corporation, including additional risk factors that may affect our forward looking statements, is contained in our Annual Report on Form 10-K, our Quarterly Reports on Form 10-Q, our Current Reports on Form 8-K and our other SEC filings that are available through the SEC's website (www.sec.gov).