



IRVINE SENSORS CORPORATION NEWS RELEASE

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FOR IMMEDIATE RELEASE

IRVINE SENSORS APPOINTS NEW DIRECTOR Chris Toffales, former DRS executive joins Board

COSTA MESA, CALIFORNIA – September 1, 2004 -- Irvine Sensors Corporation (Nasdaq: IRSN, Boston Stock Exchange: ISC) announced today that, pursuant to its By-Laws, its Board of Directors has taken action to increase the size of the Irvine Sensors' Board from seven to eight directors and has appointed Chris Toffales to serve on its Board of Directors. Mr. Toffales is the Vice Chairman of Communications Power Industries (CPI), a company specializing in military and commercial electronic products with fiscal 2003 revenues of \$265 million and also President of Toffales and Associates, a senior corporate advisory organization structured to assist defense and electronics companies in strategic development and mergers and acquisitions. From 1995 through 2003, in prior senior executive roles with DRS Technologies and Lockheed Martin Fairchild Systems, Mr. Toffales played a lead role in business development and merger and acquisition activities at those growth-oriented companies.

Robert Richards, Irvine Sensors CEO and Director, said, "We believe that our Company has reached the stage of business development where our Board can greatly benefit from the proven experience and industry recognition of Chris Toffales. We are gratified that he has accepted the invitation to join our Board."

Irvine Sensors Corporation, headquartered in Costa Mesa, California, is primarily engaged in the design, manufacture and sale of stacked chip assemblies, infrared cameras and application-specific electronics. The Company also conducts funded 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.