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Company Spotlight

MEMS Company Expands Scope of Sensor Fusion Efforts

Posted on Saturday, July 26 @ 19:25:18 EDT by [Calin](#)

Boulder, CO (July 22, 2003) - The U.S. Navy announced Sporian Microsystems, Inc. [[profile](#)] was awarded a contract to develop a MEMS (micro-electro-mechanical-system) sensor that will be used to monitor and evaluate the condition of aerospace systems. The contract is sponsored by the U.S. Navy at China Lake, CA through the Trident Program and will extend into 2004.



The sensor being developed under this contract will utilize Sporian Microsystems' unique technologies regarding MEMS, optics, and microelectronics packaging. The sensor is expected to incorporate technologies that measure temperature, mechanical shock, humidity, and strain all in a single microelectronics package. "We are very excited to expand our sensing capabilities under this contract and be given the opportunity to add a strain sensor to our existing repertoire of sensing parameters", said Sporian project lead Kevin Harsh.

The contract will be performed through a partnership among Sporian Microsystems, Lockheed Martin of Eagan, MN, and Boulder based Photonport

Technologies. "We are very fortunate to bring together such a well-rounded team with expertise in specific areas that will contribute to the overall success of this contract", stated Sporian Microsystems' VP of R&D, Wenge Zhang.

The project leverages Sporian Microsystems' existing technologies and expertise in measuring a wide range of conditions on a single, integrated microelectronics device. Along with several additional military applications, the company is targeting commercial applications in the packaging and shipping industry.

Sporian Microsystems was formed in 2000 as a R&D firm focused on areas in MEMS, optics, and microelectronics packaging. More information about Sporian Microsystems can be found at [www.sporian.com](#).

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