



**For Immediate Release**

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**RAE Systems Demonstrates Integrated Decision Support  
and First Responder Monitoring Tools at  
Fire Department Instructors Conference**

Solutions for HazMat, Gas Detection and Public Venue Protection

**SAN JOSE, Calif. – April 17, 2007** – RAE Systems Inc. (AMEX: RAE), a leading global provider of rapidly deployable sensor networks that enable customers to identify safety and security threats in real time, today announced participation at the Fire Department Instructors Conference (FDIC) that will be held April 19-21 in Indianapolis, Indiana. RAE Systems' booth number is 3712. Over 26,000 first responders are expected to attend this annual three-day event.

The company will feature LifeShirt® a real-time responder, life-sign, monitor for high stress HazMat, fire, toxic gas and radiation detection situations. This is the first system that offers responder vital-signs and hazardous environment monitoring on a single, wireless, integrated-interface platform.

“We have been a major presenter at this premier event for first responder training for more than 10 years. This year we will showcase monitoring systems not just for incident situational awareness, but full awareness of the vital signs of each responder using our AreaRAE wireless network and LifeShirt,” said Ryan Watson, Americas East Region Sales Director for RAE Systems. “FDIC is where first responders and emergency personnel come to learn about the latest technology to do their jobs of protecting us. We will also be featuring three of our newest products: AreaRAE Steel, GammaRAE II R and QRAE II.”

**Products featured for HazMat applications include:**



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- LifeShirt, a durable, lightweight chest strap with embedded sensors that can be integrated with the AreaRAE™ to monitor the vital signs of first responders
- AreaRAE Steel, the 5-sensor, wireless detection system
- PlumeRAE™, the toxic plume measurement system

### **Handheld gas detection products that will be featured include:**

- MultiRAE Plus™, the original handheld, multi-gas monitor with photoionization detection (PID)
- QRAE II™ the new, compact, one-to-four-sensor gas detector for combustibles, oxygen, hydrogen sulfide, and carbon monoxide
- ToxiRAE II™, the single-gas detectors for carbon monoxide, ammonia and chlorine and other toxic gases

### **Specialized public venue protection products will include:**

- GammaRAE II R™, the first intrinsically safe gamma radiation dosimeter/detector
- ChemRAE™, an ion mobility spectroscopy analyzer, for chemical warfare agent detection

### **About RAE Systems**

RAE Systems is a leading global provider of rapidly deployable sensor networks that enable customers to identify safety and security threats in real time. Products include [multi-sensor chemical detection](#), [wireless gas detection](#), [radiation](#) and [digital video monitoring networks](#) for energy production and refining, industrial and environmental safety, and public and government first responder security sectors. RAE Systems' products are used in over 65 countries by many of the world's leading corporations and by many U.S. government agencies. For more information about RAE Systems, please visit [www.RAESystems.com](http://www.RAESystems.com).

LifeShirt is a registered trademark of Vivometrics Corporations, AreaRAE, ChemRAE, GammaRAE MultiRAE, QRAE and ToxiRAE are registered trademarks of RAE Systems.

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