



For Immediate Release

**Contact:**

Bob Durstenfeld  
408-952-8402  
bdurstenfeld@raesystems.com

## **AreaRAE Chosen by Total Safety for Industrial Deployments**

**San Jose, Calif. – March 28, 2007** – RAE Systems Inc. (AMEX:RAE), today announced that Total Safety U.S. Inc. and its global customers have standardized on AreaRAE wireless, toxic gas monitoring, Rapid Deployment Kits (RDK) to monitor oil refinery and chemical plant turn-arounds. Total Safety was able to show its customers the proven ability of wireless gas detection to save time, money and keep at-risk workers safe during facility shut down and retrofit operations. Total Safety is the world's leading provider of safety service solutions to the upstream, refinery and general industrial markets.

“Industrial plant turn-arounds and the ability to retrofit or repair an oil refinery or chemical plant is a cost sensitive and labor intensive operation,” said Charlie Ripoll executive vice president of marketing and business development at Total Safety U.S. Inc. “Our customers appreciate the short time to deploy the wireless AreaRAE units, their continuous 24x7 operation and the real-time information for protecting their workers in hazardous environments.”

“Partnering with a leader in industrial safety to provide best-in-class protection is part of our corporate mission,” said Robert Chen, RAE Systems’ president and chief executive officer. “We aim to provide high-quality safety solutions for industrial workers around the world and we are proud to work with Total Safety to achieve this goal.”

Most industrial plant turn-arounds, upgrades or retrofits call for “permit-required” confined space entry work to upgrade and repair storage tanks, pressure vessels, and piping. In the United States, this work must all be done in accordance with Occupational Safety and Health Administration (OSHA) regulation 1910.146. There are equivalent



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safety standards for working in normally uninhabited spaces in all developed and most developing countries. These standards all require that a worker be protected at all times from the threat of an explosive atmosphere or toxic gases. AreaRAE is used to assure workers that there is sufficient oxygen to breathe, that there is no imminent threat from an explosive atmosphere, and that there is no threat from carbon monoxide, hydrogen sulfide or any other toxic gas. Using the wireless AreaRAE RDK, plant managers can automate the simultaneous monitoring of multiple work sites saving both time and money.

AreaRAE continues to be adopted by both first responders and industrial users. For more information on RAE Systems' products, please visit [www.raesystems.com](http://www.raesystems.com).

For information about Total Safety, please visit [www.totalsafety.com](http://www.totalsafety.com).

### **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).

### **About Total Safety**

Total Safety, based in Houston, Texas, is the world's leading provider of integrated safety strategies and the products necessary to support them. With more than 40 offices worldwide, from Africa to the Americas, Total Safety has the people, programs, and processes to deliver the industry's best safety equipment and services tailored to specific business needs. From refining and petrochemical facilities to offshore drilling platforms, Total Safety provides the equipment and support to keep people safe and operations profitable. Total Safety stands committed to ensuring the safe wellbeing of workers worldwide. Please visit [www.totalsafety.com](http://www.totalsafety.com).

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