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RAE Systems' Wireless Chemical/Radiation Sensor Systems Win Expanded Deployment With U.S. National Guard With Contract Valued At Over \$3million.

Stainless Steel AreaRAE Wireless Systems Selected

SAN JOSE, Calif. – August 19, 2008 – RAE Systems Inc. (AMEX: RAE), a leader in delivering innovative sensor solutions to serve industrial, energy, environmental, and government safety markets worldwide, today announced that RAE Systems has delivered to the United States National Guard additional AreaRAE wireless Rapid Deployment Kits (RDKs) to equip all 57 Civil Support Teams (CSTs) throughout the entire United States and its territories with portable toxic gas and radiation detection equipment and RAELink 3 portable radio modems. The contract was valued at more than \$3 million.

“Over the last several years we have seen the National Guard Civil Support Teams deployed for both disaster response and major public venue protection.” said Robert Chen, president and chief executive officer for RAE Systems. “We are proud to have been selected for this second round purchase to further equip the teams and to have our wireless sensor networks provide life-critical and time-critical information.”

The rapidly deployable AreaRAE wireless toxic gas and radiation detection systems are designed to interface with existing AreaRAE systems already in use by the CSTs as well as many civilian first responders. The AreaRAE RDK is designed to be quickly configured and deployed in any response scenario and can integrate with a wide range of detection equipment, including RAE Systems' portable monitors and third-party devices.



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The RAELink3 can be configured in the field to operate in multiple modes. When set as a repeater it extends the radio range of the AreaRAE system and gives the teams the flexibility to transmit sensor data around obstacles and buildings. RAELink3 modems can also link handheld, portable monitors to an AreaRAE system, allowing remote viewing of sensor and global positioning data.

There are currently 57 National Guard CST units deployed across the United States and U.S. territories on standby seven days a week, 24 hours a day. They are equipped to respond within 90 minutes of an incident. CSTs have provided support to civil authorities in every major event since 1999, including Hurricane Katrina and at major public events.

For more information on the RAE Systems family of [wireless toxic gas monitors](#), [GammaRAE](#) radiation detectors, [HazRAE and PlumeRAE](#) decision support tools, please visit our website at www.raesystems.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](#) networks, [wireless gas detection](#) systems and [radiation monitors](#) for energy production and refining, industrial and environmental safety, and public and government first responder security. RAE Systems' products are used in over 85 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.

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