



## LOS ANGELES CITY AND SAFE ENVIRONMENT ENGINEERING DEVELOP STATE-OF-THE-ART INTEROPERABLE SQUAD

On December 20th, 2004, 6 days after Secretary of Homeland Security Tom Ridge dedicated it, Safe Environment Engineering took possession of the first Hazardous Materials Squad fully funded by the Department of Homeland Security. This squad is the culmination of the design efforts of the Los Angeles City Fire Department Hazardous Materials Division, Pierce Manufacturing, and Safe Environment Engineering. The completed squad will be delivered to Station 70 in Los Angeles, California. The Squad showcases state-of-the-art communication tools and equipment. It is representative of Los Angeles' dedication to resolving the problems associated with interoperability and the move towards a SAFECOM compliant system. Safe Environment Engineering designed and is installing a networked computer system that includes its Incident Command and Control System (ICCS). ICCS was designed and tested under a grant received from Technical Support Working Group (TSWG) and their collaborative efforts working with the Department of Homeland Security. This squad will be the first installed platform that allows the technical representatives and incident commanders the ability to view, report, instruct, research and disseminate real time sensor data wirelessly coming from multiple dissimilar commercially off the shelf (COTS) sensors. Incident data will be displayed on two large touch screens located in the command center of the vehicle. In addition to providing interoperability among sensors; ICCS also provides interoperation of software. Data is seamlessly routed between Safe Environment's ICCS Critical\*Path

real-time display and logging software and other software tools such as Defense Group, Inc.'s CoBRA software and Environmental Systems Research Institute, Inc.'s (ESRI) ArcView geographical information software (GIS). Station 70's squad will be capable of collecting incident information and either routing or sharing that information with other WiFi enabled computers (hand held or squad mounted). The system utilizes satellite to distribute information that needs to go beyond the incident location, and is capable of reaching anywhere in the world. This real-time voice, data, and video information can also be shared via fax or e-mail. Below, please see photos of our ICCS Squad build up. Please revisit soon to witness our progress.



Safe Environment Engineering 25061 W. Avenue Stanford, Suite 30 Valencia, CA 91355  
Ph: 661-295-5500 Fax: 661-294-9246

<http://www.safeenv.com>