



News

CONTACT:
Jac Lande 858-505-2642
9333 Balboa Ave.
San Diego, CA 92123
www.cubic.com

Cubic To Spotlight Systems Integration and Situational Awareness Capabilities At San Diego Homeland Security Show

SAN DIEGO, Calif. – July 13, 2004 -- Cubic Defense Applications, the defense segment of Cubic Corporation (AMEX: CUB), will spotlight its systems integration and homeland security training capabilities at the Innovative Technologies in Homeland Security Show on July 12-15 at the San Diego Convention Center.

Cubic will demonstrate secure credentials that are based on Cubic smart card technology, along with Cubic-developed secure access gating systems equipped with threat detection technologies to provide early warning and prevention of terrorist attacks. The gating systems and threat technologies can be integrated with a Cubic-developed command-and-control system to provide first responders and crisis management teams with real-time awareness of potential or existing threats as crisis situations unfold.

Cubic and seven other technology companies will display their innovative systems, technologies and homeland security services in Booth No.104 at the three-day event, which is sponsored by the U.S. Department of Homeland Security's Directorate of Science and Technology. As a special highlight, actors will perform a short terrorism scenario at regularly scheduled times throughout the show. Strategic Operations, Inc., a company affiliated with San Diego's only TV and movie studio that offers urban and first-responder training to military and civilian organizations using state-of-the-art movie making special effects, will furnish the actors. The Strategic Operations' crew will

display their artistry with makeup and other special effects in simulating wounds and illnesses for “hyper-realistic” training exercises.

Products and services being promoted at the show fall into five basic categories: Secure Credentialing, Threat Detection and Prevention, Communications, Situational Awareness and Training for First Responders.

Secure Credentialing

Cubic will demonstrate a smart card-based secure credential with biometric capabilities designed for secure access to government buildings, airports, border crossings and other locations.

Cubic’s credential is based on the Cubic-developed smart card technology that is now part of the SmarTrip fare collection system for the Washington Metropolitan Area Transit Authority in Washington, D.C. The credential uses an enrollment system, a central certification management system for secure validation of permissions granted to the holder, sensors to capture and store the biometric data on the credential, and card readers to capture the biometric data when the credential is presented, compare the results and grant access if appropriate.

Cubic’s credential system will be demonstrated in conjunction with a prototype gate developed for use on the U.S.-Mexican border to control cross-border pedestrian traffic. Cubic is under contract with Computer Sciences Corporation to install the access gates at selected sites this summer. Cubic’s system can be used either for granting physical access through gates and into rooms, or logical access to networks and computers.

AssureTec Technologies, a New Hampshire-based manufacturer of identification document authentication systems for border and travel security applications, will display

its software platform capable of validating an existing credentials and extracting defined information as part of the enrollment process. AssureTec's system can be used to detect forged credentials when presented at a point of entry. When integrated with Cubic's Secure Credential, the system provides, with a high degree of certainty, that the individual presenting a credential is the individual to whom the credential was issued.

Threat Detection and Prevention Technologies:

Cubic has invited Aguila Technologies, a San Marcos, Calif., company that specializes in sensor array solutions to exhibit with Cubic. Aguila has developed a sensitive dosimeter – or radiation detector -- capable of detecting low levels of radiation. Cubic and Aguila have proposed integrating the dosimeters into transit gates and existing communications systems. The firms will demonstrate how Chemical, Biological, Radiological, Nuclear and Explosives (CBRNE) detectors from multiple suppliers could be integrated in many transit or other access control points.

Cubic's booth will also feature a display by South Carolina-based Porter Technologies, manufacturer of the CoreDefender locking system for shipping containers. Cubic is exploring opportunities for integrating this technology into customer tracking and monitoring solutions for U.S. ports.

Through its work with the Defense Threat Reduction Agency, Cubic is an experienced provider of computer weapons effects models that can assist government agencies and private companies in assessing the vulnerability of their facilities to CBRNE attacks.

Situational Awareness

Cubic will demonstrate its PC – Range Instrumentation System, a PC-based command and control system currently in use at Fort Benning, Ga., and planned for

deployment to the Alaska Training Range next year. The U.S. Army is currently using PC-RIS to track and record the actions of participants in instrumented ground combat training exercises. However, PC-RIS also holds promise for tracking and threat detection during real-world homeland security operations, as well as for tracking instrumented players in homeland security training exercises. Cubic has successfully linked personal digital assistants (PDAs) into the PC-RIS communications system developed for the Canadian military, allowing military or security personnel to send messages during either training or actual emergency situations. Cubic also will show how PC-RIS can be used in conjunction with security cameras and video display screens, as well as with PDAs, to relay information to security personnel in real time for prevention or containment of emergencies.

The PC-RIS system has been enhanced through the integration of products manufactured by RVision; a San Jose-based provider of rugged security camera systems; and BroadWare Technologies, a Cupertino company that makes an interactive video system allowing quick analysis of potential security threats. The PC-RIS, RVision and BroadWare system can be supported by a Cubic radio frequency (RF) communication subsystem to provide the foundation for an advanced situational awareness capability that will support crisis management, physical infrastructure protection, and training exercise control and after-action reviews.

Communications

In the realm of communications, Cubic will highlight its DF 4400 surveillance system for use in homeland security intelligence operations, and the public safety radio system that it has developed in conjunction with IP Mobile Net, an Irvine, Calif. company specializing in wireless mobile radio technology for public safety. These radios

are IP addressed and allow for significant increased data rates for first responder communications networks.

Training for First Responders

Cubic can provide instructional planning and traditional classroom or Web-based curriculum development for organizations of all sizes. Cubic can also plan and execute large-scale live and computer-based constructive simulation exercises. The company has extensive experience with interagency training under current contracts with the Utah National Guard, the U.S. Joint Forces Command and other U.S. government entities.

Cubic joined forces recently with Strategic Operations to instrument U.S. Marines participating in urban warfare training exercises at Strategic Operations' San Diego facility, which also offers training to SWAT teams and other law enforcement personnel.

Background information:

Cubic Defense Applications (CDA) provides realistic combat training systems for military forces, as well as mission support services for training and exercises, modeling and simulation, force modernization, educational services, curriculum design and development, web-based learning solutions, operations and maintenance and manufacturing services. The group also supplies products and systems for C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance) applications, search and rescue avionics and radio communications for military and civil markets. The corporation's other major segment, Cubic Transportation Systems, designs and manufactures automatic fare collection systems for public mass transit authorities. For more information about Cubic, see the company's Web site at www.cubic.com.

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