

Learning can no longer be confined to a classroom. If we are to keep pace with the constantly changing threats to national and international security, we must be able to identify and understand threat trends and deliver effective training in advance of personnel deployments. By harnessing the power of portable technologies and designing modular, mobile learning environments, we can deliver training exactly when and where it's needed.

Mobile learning brings the solution to the student instead of the student to the solution. It allows a geographically diverse student population to receive simultaneous, identical, or customized training. Convenient, timely, and accessible virtually anywhere, mobile learning can also be collaborative, providing almost instantaneous sharing and feedback, which leads to rapid student/instructor assessments and content improvements.

The modular design of mobile learning solutions facilitates rapid and cost-effective updates and customization of curriculum necessitated by existing, future, or real-time operational training requirements. This ability to adapt training to dynamic subject matter and environments is especially effective in keeping students current on developing scenarios and ensuring training relevance.

The volatile, wide-ranging effects of natural disasters, terrorist acts at large-scale events, and IED, biological, or chemical attacks demand fast, flexible, and mobile training solutions. We can tailor mobile training solutions to expedite high-volume student throughput. The result is timely, targeted, and cogent training for the spectrum of emergent response challenges.

Globalization means that security threats are everywhere at once. Mobile learning puts technology-enabled training solutions in the hands of warfighters, first responders, and law enforcement officers — anywhere, anytime.

The mobile counter-improvised explosive device interactive trainer (MCIT™) is A-T Solutions' premier mobile learning solution. MCIT was designed, developed, and produced under the sponsorship of the Joint Improvised Explosive Device Defeat Organization (JIJEDDO) Joint Center of Excellence (JCOE) at the Army's National Training Center.



Learn More About Our Mobile Learning Solutions by Visiting Our Website

www.a-tsolutions.com

A-T Solutions mobile learning solutions are:

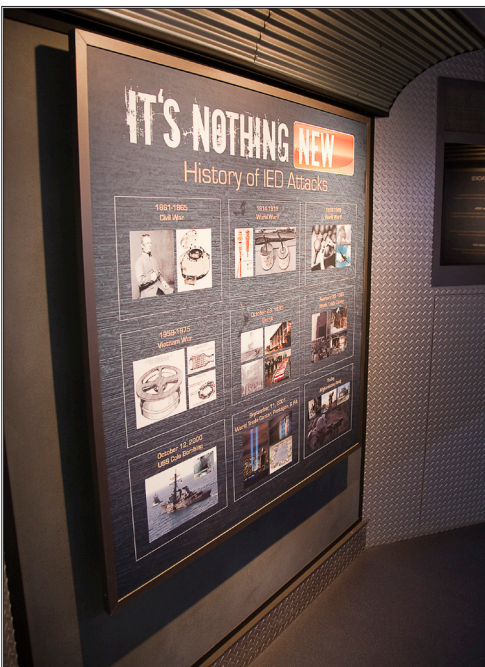
- Fast and flexible
- Modular and customizable
- Deployable worldwide
- Responsive to emerging trends
- Immersive and interactive
- Able to thoroughly train a high volume of students quickly
- Supported by a full life cycle learning management system
- Enabled by a content management system (CMS) that facilitates rapid updates of content

Development of MCIT™ began in 2008 when the JIEDDO Joint Center of Excellence (JCOE) partnered with A-T Solutions to solve the challenge of training large numbers of troops on C-IED content that rapidly changes. In 2009, the team expanded to include University of Southern California's (USC's) Institute for Creative Technologies to refine the MCIT design and field prototype systems. The result was unqualified success: A-T Solutions' MCIT, a technology-based solution for delivering C-IED training to a high volume of students in a short amount of time. In 2010, A-T Solutions was awarded a prime contract to field and operate 10 additional systems.

MCIT is mobile and modular, making it fast and flexible, the top two characteristics of successful training solutions in response to the global war on terror. Training is presented in a suite of four 40-foot ISO containers whose mobility allows for delivery of instruction anywhere in the world. MCIT's compartmentalized design facilitates integration of modifications to course content in response to developments in threat trends. MCIT's flexibility to adapt training to changing threats and areas of operation is especially effective in keeping forces current on the latest insurgent activities, trends, and tactics. MCIT's design allows easy customization and conversion of training program components inside each unit to address shifting training priorities.

MCIT's immersive learning environment for C-IED awareness training employs a variety of technology-enabled teaching methods, including video storytelling; multimedia training tools, such as films, CDs, videos, and DVDs; and a "good guys" versus "bad guys" (red versus blue) interactive simulator. In each MCIT, students are guided by video sequences and lighting cues through a complete training experience.

The MCIT system was designed to train personnel who have had minimal exposure to IEDs. It can train up to 120 personnel per 8-hour day. The complete training/evaluation cycle takes about 90 minutes. In that time students learn major IED concepts, IED types, and components; enemy mind-set, tactics, and bomb-making techniques; and blue force combat principles. Students apply C-IED principles from both a friendly and hostile perspective. Currently more than 19,000 warfighters have been trained.



“Great training for soldiers who are going in theater for the first time, and a great tool for refresher training.”

-Department of Defense Deployed Unit Commander

MCIT Highlights

- Mobile immersive learning environment for C-IED awareness training of enlisted personnel (E1- E4) and junior officers (O1-O2) with limited exposure to IEDs
- Uses video storytelling, multimedia technology, and VBS2-based force-on-force simulation
- MCIT content management system (CMS) facilitates relevancy of training content, enabling rapid updates in response to emerging threats and changes to blue force policies and tactics, techniques, and procedures (TTPs)
- Learning management system (LMS) tracks student throughput and captures student scores on the quizzes and simulation exercises