

TRAINING IN VIRTUAL ENVIRONMENTS

TRAIN TO SURVIVE

NASA prepares for spaceflight with a simple rule: “Train as you will fly and then you can fly as you trained”. This rule ensures that people are prepared for future events. At Tietronix, we understand the importance of this rule and create virtual environments and serious games that portray situations as close to the real world as possible to prepare trainees for some of the worst conditions they could face including: biological, chemical, explosive, or nuclear threats due to terrorist activities; plane, truck, or bus crashes; emergency medical situations; or hostage situations. Always unexpected....

WHY VIRTUAL TRAINING?

The efficiency of first responders to any crisis or catastrophe is in direct proportion to their training received. From small pipe bombs to WMD, terrorism is a problem that every first responder organization must face. Utilizing either virtual environments or serious games allows those emergency personnel to feel comfortable with the processes and situations that they may encounter. This type of training can be applied to any type of incident or accident. It can be especially useful for oversight or management personnel such as the Incident Commander for a given event. Virtual training allows leaders to develop situational awareness, to see the large picture, develop skills in evaluating and responding to a situation, and better manage resources.

Tietronix has considerable experience with training for contingency operations. From NASA astronaut training activities, to developing and executing emergency procedures and complex operations, to assisting and fielding personnel conducting fire training and safety training of all types, we have done it all. Not only do our virtual environments and serious games provide for the most realistic training possible, they also are a cost effective method to meet your training needs.

SOME APPLICATIONS OF VE OR SMART GAMES FOR TRAINING:

- Train ordinance experts (WMD training, device management).
- Fork-lift truck operators training for safe and effective operations in warehouse environments.
- Train aircraft operations personnel (including interactive software technical manuals) and service vehicle operations around aircraft.
- Medical workers (virtual treatment, triage decisions, scene management) training.
- Firefighters (fire commander strategy decisions, crash management) training.
- Police (crowd control, anti-terror actions), and HAZMAT team (PPE training, chemical detection training) training.
- Transportation vehicles accident training.
- Resource management and command structure training.

