

AUSA Sustaining Member Profile

VirTra Systems Inc.

Corporate Structure—Chairman and CEO: Bob Ferris. Headquarters: 7970 South Kyrene Road, Tempe, AZ 85284. Phone: 480-968-1488. Website: www.virtra.com.

VirTra Systems Inc. began in 1993 as one of the first virtual reality companies in the world. Today, the company is a global leading provider of the world's most realistic and effective judgmental use of force simulators. VirTra has set the standard for exceptional firearms training simulators and offers a variety of simulator platforms, powerful gas-powered recoil kits and the patented Threat-Fire simulated hostile return fire system.

The company also provides products and training content to military, law enforcement, post-secondary education and security agencies worldwide. VirTra is led by Bob Ferris, chairman and CEO, from its offices in Tempe, Ariz. Ferris attended the U.S. Air Force Academy and received a degree in systems engineering from the University of Arizona with a minor in software. Both experiences inspired him to create a new generation of more realistic and effective simulators.

A career path in the military can be rewarding but dangerous. Each service member plays a vital role on the military team and takes on great responsibility to defend the country. Furthermore, military members are expected to make the correct decisions, with excellent marksmanship, in split-second, life-and-death situations. The better and more realistic the training, the greater the chance the service member will succeed when lives hang in the balance and threats are real. Internationally, customers rely on VirTra's simulators for real-world preparation so trainees have a better chance to succeed in their missions and survive lethal encounters.

A critical component of quality simulator training is the realism it provides. Real-world performance is often directly related to the realism and intensity of training. Simply stated, the more realistic the training exercise, the more skills are transferable to a real-world situation. Thus, realism is critically important to any close combat tactical trainer.

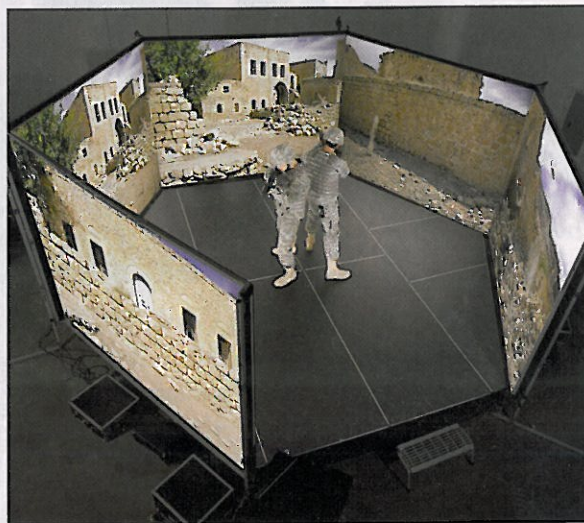
One of VirTra's primary missions is to make simulated training as realistic as humanly possible. VirTra goes to great lengths to re-create the real world in the simulator, from incredibly realistic 3-D audio and special effects to realistic recoil training firearms and shoot-back capabilities, to name a few. VirTra's attention to detail and higher standard for realism in military engagement skills simulation training lead to improved real-world skills for trainees.

Whether it's a portable single-screen simulator or the world's most advanced combat training simulator (the V-300 MIL), VirTra supports military engagement skills with a full line of firearms training and combat simulators. Military training has never been more realistic than with VirTra's latest small arms trainer. Inside a 300-degree wraparound simulator, teams can train for the most difficult real-world situations and ambushes, and maintain situational awareness during extreme stress.

The next real-world engagement will most certainly occur in a 360-degree environment. When training on a single-screen simulator, the trainee utilizes only a 60-degree field of view and never has to turn to face a potential threat. A single-screen simulator further reinforces tunnel vision, or "training with blinders

on." It is difficult to maintain situational awareness throughout a real-world engagement, but it is critical for survival. This type of training can be implemented on a multiscreen video simulator such as the V-180 MIL or V-300 MIL.

We believe the V-300 MIL is the world's highest standard for both individual and collective military virtual force options training simulators. Five screens and a 300-degree immersive training platform ensure that time in the simulator translates into real-world survival skills. Firearms training mode supports up to 15 individual firing lanes at one time with special installation requirement and fully configurable force options firearms training courseware. The optional training platform and audio system provide over 2,000 watts of audio, and transducers mean simulated explosions feel real and adrenaline is felt during training.



The optional Threat-Fire device safely simulates enemy return fire with an electric impulse or vibration, reinforcing performance under pressure. Superior simulation training results in better trained forces and a better chance of mission success with higher survival rates.

The V-300 MIL is sold to various military commands throughout the world and can support any local language. The system can be front-projected to reduce floor space, is deployed worldwide, and fits into a standard room with standard ceiling height. VirTra uses commercial off-the-shelf components, so no special power or heating, ventilation or air conditioning is required.

VirTra's mission is to develop, manufacture, sell and support the finest simulators, accessories and training scenarios in the world. The company also aims to meet the unique needs of the industry by constantly seeking innovative and better solutions to add value to customers.

The company's commitment to its customers has encouraged the finest military and law enforcement agencies in the U.S.—in addition to a growing list of prominent international customers—to select VirTra's simulators after trying out other options.