THE STRONGEST ELEMENT IN BUILDING EFFECTIVE TRAINING
Executive Summary

*Ti Training Corp.* (Ti) produces hardware, software and content for Law Enforcement and Public Safety Training Professionals. Ti manufactures and markets training simulation systems for instruction and skills application in both the classroom and simulation training room. In addition to the simulators, Ti also creates training content to be utilized with the simulators or as a stand-alone product. The strength of Ti is the ability to be a resource and a solution for the assurance that learning is taking place. In the Public Safety arena there is a never-ending thirst and requirement for new and continual training. Ti offers one-stop purchasing alternatives to this market creating a captive market and a repeat customer base.

Ti Training understands the Law Enforcement market. We are a simulation and content training company that is focused only on the Law Enforcement (LE) and the Public Safety community. We have Task Force meetings bi-monthly to get direct input as to the LE concerns and needs. We respond to the needs and can immediately have solutions to the current training needs. Having Up to date training material is key and Ti Training is delivering new content on a regular bases.

Company Summary

Ti Training located in Golden, Colorado (Denver) at the foot of the Rocky Mountains. Ti occupies a 9,000 square foot facility housing, offices, production area, an award winning video studio, R&D and a complete training facility. The employee owners have over 100 years of Law Enforcement simulation and video experience.

- The Company is employee owned.
- Ti Training was established in 2006
- The President has 16 years of LE simulation leadership.
- The VP of Operations has 30 years of LE sales & 10 years in simulation.
- The VP of Training has 16 years for LE simulation Training experience.
- The VP of Business Development has 18 years in LE simulation sales.
- The VP of Sales has 14 years of federal contracting & LE simulators.
- The entire Management team has worked together for over a decade.
- Ti Training has Agents and representatives in the US & around the World.
- Ti Training Holds a GSA contract and many state approved Vendor lists.
- Ti Training holds a Good Standing certificate in the state of Colorado.
Ti Training Mission Statement

Ti Training provides the law enforcement and municipal communities a highly interactive learning experience, with new technologies, high quality products, relevant content and reliable professional support. Ti Training forms long term partnerships with our customers, vendors and subject matter authors to create a trust and an open dialog between the customer and the company. Ti Training continues to stay abreast of current topics and find solutions with a fresh, innovative training approach. Our goal is to have solutions for agencies of every size and budget while earning a fair profit for our employee-owners and shareholders. We will always embrace and execute sound, ethical business practices.

The logo and company name were taken from the periodic Table, it is the symbol for Titanium. Pound for pound the strongest metal in the world. Ti Training has the tag line that we are "The Strongest Element in Training"

Products - Ti Training® has four products:

- **Training Lab®** - State of the art use-of-force training simulator
- **Training Room®** - Classroom interactive training simulator.
- **Training Table®** - Subject Matter experts delivering content in multi medias
- **Training Studio®** - The latest in video Equipment, Studio and Staff

Services

- **System Training** - Operation and simulation instructor training
- **Customer Service** - Support is 24/7 phone, on-line and site visits
- **Training Classes** - Teaching at conference, agencies and written papers
- **Video Productions** - Producing training content, product videos & print media
“Anything that we have to learn to do we learn by the actual doing of it... We become just by doing just acts, temperate by doing temperate ones, brave by doing brave ones.”

- Aristotle

Ti Training Simulation Products

Simulation training is learning by doing. Scenario training is the most effective and practical way to teach and evaluate knowledge, and the skills that officers will be required to use. It can validate or invalidate department training, policy and procedure. Performing physical tasks combined with cognitive processing in environments that are similar to their job, while increasing proficiency.... these are the reasons that simulation based training is so important and necessary. Recent research has shown that permanent gains can only be achieved when performing physical tasks combined with cognitive processing in environments that are similar to their job. This could easily be a definition of Simulation based training; it allows for learning via direct experience. At Ti Training Corp. We have taken this concept and have produced both products and content to allow the end user the greatest possible training experience.

The Benefits of Training Simulators

A realistic, repeatable stimulus throughout every training session is a necessity in effective training. This allows the agency to constantly teach and evaluate veteran officers, or new officers in a variety of environments and situations. The Procedures and Tactics the participant utilizes can affect the outcome of each scenario, just as in real life. Regardless of your training objective, the simulator is always available to assist you and your agency in reaching your goals. The results are an increase in officer learning and retention which directly correlates to an increase in their safety and efficiency, reducing agency costs in ammunition, training time and liability. These types of cost savings can easily offset the cost of the simulator within months.

Ti Training’s products and services have been designed to be the most effective, cost efficient and practical way to teach and transfer knowledge, ensure retention and evaluate skill sets that officers will be required to use. This concept is the basis for every product and service that we provide at Ti Training.
The Training Lab™ offers realism with the following features:

- All Scenarios are filmed in the latest HD video Format.
- The HD projection screen is in a wide format to visually broaden the trainees view.
- The system has 5.1-surround sound native to every scenario.
- Sound effects can be played in real time, from any direction, during a training session to enhance the scenario realism.
- Professional actors are used during the filming of scenarios for realism.
- Scenarios are written by Law Enforcement professionals and real life situations are constantly being re-enacted for training points.
- The Training Lab™ simulator can operate in any light conditions; there is no need for a specialized dark room.
- Every scenario is filmed in bright light and the computer can adjust the lighting level on a sliding scale from bright to total darkness.
- The student can chose to use actual flashlights for additional light during a scenario.
- The system can control other environmental options in the room, i.e. light bar, strobe light, fog machine, wind, etc.
- Every scenario has a slide volume control; training can take place in any environment and not cause adjacent room disturbance.

The Training Lab™ was designed to support the entire spectrum of enforcement skills training requirements from Academy recruits to in-service, qualification and remedial training for seasoned officers. The Training Lab™ supports the entire spectrum of enforcement skills:

- The Training Lab has scenario guides, but allows the instructor to verbalize the introduction of a scenario to fit their training objective and to make the scenario relevant to the person being trained. Making every scenario relevant to the trainee.
- Scenarios can be branched (changed) by the instructor in response to the trainee’s actions (e.g. verbalization, movement to cover, etc.)
- Scenarios can be de-escalated by the instructor in response to the trainee’s actions; they can also be escalated.
- Scenarios will also branch and react to weapons containing IR lasers. Examples include:
  - O/C Spray. This device is the actual size and shape of a typical O/C canister. If this pulsing laser hits the subject(s) on screen in the appropriate area, that person(s) will react as if they were sprayed with O/C.
  - Baton. If the trainee decides, as a force option, to use the baton, the instructor can branch the scenario to a baton reaction. In this case, the system will document the trainee’s use of baton.
TASER™ The TASER device is an actual M26 or X26 manufactured by TASER and is a safe weapon. It fires two lasers at the same 8 degree spread of a real cartridge and both lasers have to hit the suspect to be effective.

Pepperball gun or 37 / 40 MM launcher. The simulator will recognize lasers fired from these devices and branch the scenario accordingly.

Handgun. Scenarios will branch and document impact points from the use of a single handgun or from multiple handguns. The reaction of the suspect on the screen will depend on shot placement.

Shotgun. Scenarios will branch by the introduction of a shotgun laser. The shotgun laser can be set to be pellets, slug, X-Rep or less lethal rounds.

Long Gun. Scenarios will branch by the introduction of any long gun and the system will score accordingly.

Other Options. The system can be set to recognize a laser as any device you have or will have in the future. Simply assign the laser to that device in the system and the device will function and branch the scenarios accordingly.

Multiple Trainees

The Ti Training Lab will support up to 6 trainees at the same time dealing with a specific scenario and can track each trainee’s response.
Audio and Visual Feedback

The Training Lab™ provides for the inclusion of common adult learning elements — audio and visual feedback. Examples include audio and video recording capability of the officers as they go through training on the simulator animations, PowerPoint presentations, pictures, HTML files, training videos and documents. Simply telling a student what he or she did wrong is not enough and will quickly be forgotten. However, utilizing the Audio and Visual feedback tools on the Training Lab™, Instructors can show trainees areas that require improvement. Once this is accomplished, they can apply any given corrections in the same or similar scenarios. By applying these corrections in simulation, the trainee can demonstrate to the instructor and to themselves that the corrective measures were, in fact, valid. Without the opportunity to apply corrective measures, trainees will not have gained enough confidence and therefore, have no reason to attempt to utilize these measures in the future. For instance, after a Training Lab™ simulation session during which the suspect on screen shoots at the officer, the officer may be given direction by the instructor to make better use of available cover and to verbalize better. By running the scenario again, the officer can apply these corrective measures. The Training Lab™ Instructor can then “branch” the scenario down a different path where the suspect does not shoot or complies with the officers commands. This gives the officer confidence that by making better use of cover and verbalization skills the outcome is much more desirable. The evaluation and communication process in Training Lab™ gives the instructor the tools to clearly and accurately explain the trainee’s deficiencies and proficiencies.

Preloaded Scenarios

350+ professionally filmed High Definition (HD) scenarios are preloaded and all future scenarios filmed by Ti are always free to our customers for the life of the system. Scenario topics include: Active Shooter, Burglary, Patrol, Traffic, Corrections, Domestics, Emotionally Disturbed Persons, Off Duty, Security Details, and Graphic Targets. Everything is filmed, edited and projected in True HD 16 x 9 aspect ratio with 5.1 surround sound. Competitor’s systems simply modify standard video to fit a 16 x 9 aspect ratio screen.

Scenarios in our library are designed to address training objectives specific to your needs.

System Calibration

The exclusive self-calibration technology of the Training Lab™ eliminates ambient light issues and makes the system the most accurate and easiest simulation system to set-up available in the market today. Training personnel now have the ability to train in full room light. This allows the instructor to see and video the trainee during the simulation.
Film and Edit Your Own Scenarios

The Training Lab™ includes the ability to film and edit your own scenarios. This can be accomplished in as little as 20 minutes. So, for example, if you have an incident in your agency and need to ensure that all your deputies/officers are trained on your policies concerning that situation, you can film it and have it on your system almost immediately. The Training Lab™ comes standard with the required editing software and training to make your own, fully branching scenarios. You can designate target areas that are effective and how many shots each target area requires for a reaction. All with a click of a mouse.

Train Anywhere

The Training Lab is man portable, comes with two carrying cases with wheels that are less than 60 lbs. each. The Training Lab was designed to operate in any room conditions. Ti provides a 12’ or 14’ wide screen, or the system will work fine on a screen size as small as 6 feet wide or as large as 16 feet wide. Set up time is only 15 minutes.

Lowlight Training

All scenarios are filmed in daylight (Bright Light). The instructor can then adjust the lighting conditions of any scenario from completely bright, to completely dark, or anything in between. The trainee can use his/her actual flashlight to light up the portion of the screen that they want to see. Since most situations happen in adverse lighting conditions this is an important feature that is not possible without a simulation system. A simulator can meet your low light training requirements and provide for continual lowlight training throughout the year.

3D Audio

3D Audio controls allow the instructor to introduce, in real time, while the scenario is playing; sound effects to further stimulate the student. Sound effects files are accessible on the instructor’s screen and can be customized by the end user. Each sound effect can be played from any single speaker or from a combination of speakers in the room to provide directionality.
Live Fire Capable

The training Lab™ system has the capability of adding a live fire screen with no additional software or hardware changes to the base system. You only need to add the live fire screen itself and set up the system in a safe range. This allows you to fire live rounds while retaining all the other capabilities of the system.

Debriefing and Teaching

While running a trainee through a scenario you are testing to see what they know, how they react to multiple situations etc. But the real training takes place after the scenario ends and how the instructor uses this information to teach. With the Training Lab™ you have a complete file system to pull information to show the trainee word docs, PowerPoint's, PDF, Videos and graphics to reinforce policy, procedures, law, weapon functionality or anything you desire. You have the ability to add any document/file type supported by Microsoft by use of simple Windows copy operations.

Real-Time Feedback

The Training Lab™ provides feedback from a variety of sources. While trainees might be inclined to accept feedback from an expert/instructor or even their peers, the independent third-party verification given by the Training Lab™ is even more powerful. A good example of this type of objective feedback is the PIP (Picture in Picture). This is a Picture in Picture display of video and audio of the officer’s actions in sync with the simulation. The Training Lab™ PIP replay can be described to the trainee as a videotape of their performance taken by a tourist. The trainer can inform the officer that this videotape will be playing on the evening news and in the courtroom. It represents the primary means by which most people will judge their actions. This PIP replay technique is usually a very sobering exercise for all officers. Interestingly enough, it seems to have the greatest impact on the officer with between 5 and 15 years of service. A possible reason is that this officer grouping may have had an opportunity to develop bad habits that they themselves are unaware of.

Recent research has shown that the self evaluation that can be accomplished by the officer allowed to view the PIP feature of the Training Lab™ greatly increases leaning and retention.
3D Scenario Technology

The Training Lab™ system has the ability to have three dimensional (3D) stereoscopic scenarios added to your training. Ti Training has spent the last 18-months testing and evaluating the effects of having 3D in training simulation. Working with Dr. Lewinski of the Force Science Research Institute and TASER® International Training Division we have found there is a great training value in the introduction of 3D. The main value is realistic representation of relative distances. Most use of force decisions include relative distance as a factor in not only the decision to use force, but also in which force option is best,

In traditional two dimensional simulations, the screen is flat and the subjects everything is on the same plane. In the 3D simulation world you can actually gage the distance between people and objects and then use that information to decide the type of response that is reasonable. 3D, the characters and objects are now in real space. In other words, 3D represents the simulated world in the same way that the real world exists. Keep in mind our 3D technology is not simply graphical images drawn in a manner that makes them appear three dimensional. This is active 3D technology that very clearly represents the real world.

Train the Trainer Program

With the purchase of the Training Lab™, a 3 day Master Instructor/Operator course is included. This includes setup and operation training, simulation instructor development training and instruction on filming and editing scenarios. This course is designed as a train the trainer program will provide the tools necessary for your agency’s instructors to become experts in using simulation technology in training. The Vice President of Training at Ti Training Corp. has trained thousands of instructors at hundreds of agencies, around the world, on effective training in the simulated environment. We stress knowing how to push the buttons is not enough, we want your instructor’s and your department to understand the full range of training that can take place in simulation and how to maximize the value of your purchase.

Post-Incident Training

In addition to feedback on performance, trainees must be able to clearly articulate in their own words, according to law, policy and procedure, why they performed the way they did during the simulation-training scenario. If they are unable to provide this articulation in training, an instructor cannot expect them to be able to do it in a real-life incident. Simulation training provides a perfect opportunity for officers to learn and practice the art of articulation.
Economical Target Practice

Any target can be used on the Training Lab™ to create a programmable shooting range. Don’t waste ammo on troubled shooters. Put them on the Training Lab™ and let them practice economically. A custom course of fire can be created to replicate your course for cost-effective and repetitive training.

Documented Training

In addition to a more knowledgeable officer, one of the greatest benefits of simulation based training is the ability to document the fact that training AND learning took place. This type of documentation can be a powerful ally in any legal setting for every officer concerned.

Subject Matter Experts

Turn key courseware is available to train your entire department on hot topics that are happening around the world. Your agency might not have the resources to provide every officer with training in every possible subject that may be of use to them. Because the courseware is developed with the world’s top subject matter experts, we can provide and repeat these courses anytime, anywhere for everyone.

Low Cost of Ownership

The Training Lab™ and the Training Room™ use 100% Commercially Off The Shelf (COTS) computer and peripheral parts for ease of use, ease of upgrading and low cost of maintenance. All of the batteries are available commercially. New scenarios are automatically shipped to you quarterly, plus you have the ability to film your own so you will always have fresh training content.

Community Awareness

A simulator can be taken into the community for understanding and relationship building. “Putting them in your shoes”. In the classroom or in a practical simulation, let them feel it and have to react in the split second.
**Classroom Simulation**

Ti Training offers a Classroom keypad simulator the Training Room™. The Training Room™ is a keypad system that allows an instructor to have everyone in the class connected to the system in real time. While presenting material in either video or verbal format the instructor can poll the class, test on a topic, or can create a discussion on student responses. This powerful training tool helps tremendously in the retention levels of a class and will keep the entire class focused and alert.

The students can answer true or false, multiple choice, or rank answers in order. When presenting; an instructor now knows immediately if his class comprehends or if there is additional instruction required. If there is no need to remediate, the class moves forward with total understanding, saving time and money.

The software is free and can be loaded on as many computers within the department as you wish. The Training Room™ runs inside PowerPoint for familiarity and ease of use. Base systems come with 24 keypads, but extras can be added at any time up to 999 per class.

**Simulation = Success**

Simulation training provides the ability to succeed because each scenario allows the student to repeat the training as many times as necessary until the correct behavior—articulated by the instructor—has been applied. Again, repetition is the only likely way in which trainees will develop confidence in newly learned skills. This is the winning mindset. The Training Lab™ provides all scenarios with a true successful completion if all objectives are met. If the trainee is presented non-winnable scenarios, they can be wrongly conditioned into believing they are powerless to affect outcomes. There are multiple examples of where this defeatist mindset has resulted in injury and even death to law enforcement officers. The benefits to changing our mindset from testing and evaluation to teaching and learning in simulation training far outweigh the minimal effort required.

**ADA Issues**

Simulation has been accepted as a substitute for training employees with ADA issues or pregnancy. Yearly qualification is accepted for those with Lead, Noise, or other issues to maintain employment and not discriminate.
Simulation Products

The Use-of-Force and Firearm simulators from Ti Training come in many different configurations and are customized for the best possible fit for the end user based on department size, need and price. Currently we have 5 simulators:

- **The Training Lab® (TL)** Our flagship product. The TL is a full use of force simulator with the ability to train up to 6 officers at the same time and the capability to have any weapons or devices incorporated. Standard are features like scenario creation software, live fire software, PiP, Sound effects, Classroom simulator, etc. The TL can be ordered in a portable configuration or a permanent mount if you have the room.

- **The RULETC® (Rural Law Enforcement Training Center)** This simulator was designed with the NIJ RULETC program. Designed to be less expensive and affordable to smaller agencies with limited budgets. The heart of the system is the same as the TL and has the ability to add devices to grow with the needs of the department. This is designed to be a portable system.
  
  *Please check if your agency qualifies.

- **The TASER® Trainer (Tt)** This is very portable simulator designed for agencies with high volume TASER training or one that already has a simulator without TASER capabilities to teach use of force, marksmanship and the TASER courseware. Ti Training studio has made specific TASER scenarios and training content. In addition to being a use-of-force simulator the Tt comes with the classroom simulator embedded for teaching the TASER courseware.

- **The Firing Line®** This is a true Marksmanship program. You have the ability to create ranges, targets, scoring etc. The Firing Line is a 3D world that has full ballistics built in and customizable. The Firing line can be a standalone product or the software can be added to any Ti Training Simulation product.

- **The Training Room® (Tr)** This is a classroom training simulator. It can be a standalone or added to any Ti Training product. The Tr is a wirerless keypad response system that is embedded in Mircosoft PowerPoint™ for ease of use. Up to 999 keypads give instant feedback to the instructor. Ti Training has created a libary of titles to use with the Tr or the end user can import any powerpoint to make it interactive or create a new course.
Training Lab Standard Features

Windows Professional Operating System
Microsoft Office - To allow for full multimedia presentations
High Definition Video Projector Native 16 x 9 format
HD Projection Screen  Standard size 12' X 6'11"
5.1 Surround Sound Speaker System
22’ Flat Panel LCD Instructor Monitor
Keyboard & Optical Mouse
All Wires, cables and connectors necessary
Low Light feature, adjustable light conditions on any Scenario
Scenario creation software w/ ability to Customize existing Scenarios
Automatic line scan calibration for laser accuracy
Self calibrating without the need for hand held devices
Operates in ANY light conditions for safety and instructor control
Scenario and “On-the-Fly” 3-D Audio effects (Library included)
Audio Controls located on Instructor Monitor
Customizable Trainee Report Generation.
After scenario debriefing, allows any Microsoft™ material to be viewed
Picture in picture (PiP) in full color and audio for viewing on replay
Pause, play, restart and stop functions during scenario play
Slow Motion, Pause, Frame Forward, Frame Back controls on debrief replay
Digital scrolling capabilities in the replay video
Zoom in during debrief for viewing shot accuracy
Capable of creating scenario “playlist” with save and recall function
Classroom RF keypads can be integrated at no additional software cost
Training Scenario Library  400+ native HD scenarios preloaded
Free HD scenarios (2D and 3D)for the life of the system (15+ each quarter)
Professional filming with special effects for maximizing training objectives
Skill Builder Shooting Drills in Graphic Applications Pre Loaded
1 Year Warranty – Includes 24/7 support line and loaner system
Instructor Training * See Training Description
Baton Branching and scoring
2 – Dry Fire drop in Lasers or 1 -Recoil Kit
1 – OC laser canister
1 – Flashlight  Surefire G2 with Filter
2 - “Storm” Travel Cases
1 - Travel case for the Screen
Simulation Product Configuration

All of the Ti Training Products come in two configurations, A portable version or a permanent mounted system. Each has their advantages depending on your facility and training needs. Your sales person will work with you on the best configuration and the pricing is the same so it comes to what is best for you.

Both configurations have the same computer, screen, speakers, keyboard and mouse. Ti Training delivers the "Cube" computer case due to the ease of upgrades, durability and reliability. The cube easily travels well and is 100% COTS. Both can go to Live fire.

Both configurations come with a HD Free standing screen, standard size has viewing area 12' X 6'11" and comes in a storage / travel case. Options include a pull down screen, wall mounted or electric drop down screen and can range in dimension from 6' - 16' wide, depending on agencies requirements.

**Permanent Installation**

- Longer Pip USB cable 18'
- Longer projector/camera cables 50'
- Longer Speaker cables to fit the room.
- Ceiling mounting hardware for cameras and projector.
- Screen option, wall, free standing
  *Does not come with the 2 Storm cases

Optional I-Pad™ remote operation
Optional larger monitor

**Portable configuration**

- 2 - Storm Cases
- Pip USB cable 8'
- Projector/camera cables 25'
- Standard 5.1 Speakers with cables
- Screen is portable with legs and case
- Sets up & Calibrates in 15 min.
  *Does not come with Ceiling mounting hardware
Simulation Devices

The Training Lab can accommodate any device you currently are using on the street. We are very strong proponents of you have to training with any device that is available to you in real life.

**Handguns**
We have multiple ways of having a laser inserted in to a pistol to be used on the simulator.

With the dry fire drop in laser, any double action weapon can be used, your handgun, your sights, your trigger pull in dry fire. The "Red" Glock or and training weapon may also be used.

Any AirSoft™ weapon using the drop in laser can be used.

Using the Recoil system a real weapon can be made into a recoil laser simulation weapon with no permanent modifications. The drop in kit uses a 12 gram CO2 cartridge and produces around 80 shots allowing for clearing and reloading drills. Beretta 92-Glock17,19,22,31,23-H&K USP, P2000- Sig P226, P229

These Models available as of January 2010, check for updates and New tether-less weapon kits

A few of the pistols will have a tether to the air cylinder that is worn on the belt. This is a drop in kit with no modifications to the weapon. Beretta 92, M9 - Springfield XD - Glock 17, 19, 22, 23 - S&W M&P H&K P2000, USP - Colt 1911 - Sig P226, P228, P229

**Rifle Kits**
The Rifle kit for recoil uses the same CO2 cartridges, you simply replace the bolt, magazine and the lasers external on the barrel. No modification to the weapon.

AR- 15, M16, M4 - H&K MP5, G36, SL-8
Tethered - AR-15, M16, M4 H&K MP5, MPSK - FN M240, FN M249

These Models available as of January 2010, check for updates and New tether-less weapon kits
Simulation Environmental / Telemetry

The Auxiliary Control Box®
Through a click of a mouse on the Instructors screen you can control environmental objects in the room. Light Bars, Strobe lights, Fog machines etc. Any device that can plug into the 110 box can be controlled to make the training room more realistic and add stress to the trainee.

Remote Instructor
Using an I-Pad and a wireless connection the instructor can move about the room and control the Training Lab remotely. All functions are available to the instructor including choosing a scenario, volume, branching on the fly, Weapon malfunctions, etc.!

Telemetry
Different devices can be attached to the weapon or trainee to give feedback.

- Trigger Graph
- Heart Rate
- Respiratory Rate
Simulation Return Fire Options

**The Stress Vest®**

*In Simulation:* (Exclusively from Ti Training with the Training Lab)

The Stress Vest is worn by the officer during the scenario. When the suspect on the screen uses lethal force (or when the suspect punches or kicks at the officer) a laser floods the room. If the officer is not using cover properly, the laser will reach and activate the vest. Activation of the vest causes the vest to light up and activates a vibration module that can be worn on different parts of the body.

**Force on Force Training Package:**

The Force on Force package comes with 2 Stress Vests and 2 SIRT® Laser Weapons/drop in lasers. Additional Vests and Weapons/Lasers can be added. All parties can wear the vest for Force on Force training in any environment. Since there are no projectiles being fired, there is no requirement for additional safety equipment that can restrict vision and/or movement. The vest tracks the number of hits for debrief. The Force on Force package includes a Shock device that cannot be used in the Simulator training.

1. **Vibration Mode**– The sensor only vibrates when hit.
2. **Shock Mode**– Adjustable from 1 – 10 in electrical intensity.
3. **Wounded Mode**– The vest will activate with a shock if hit and then will continue to self activate throughout the training exercise as though the trainee has been wounded and must fight on. This mode is very effective when the sensor is worn on the gun hand forcing the trainee to switch hands using their weak hand for the rest of the exercise. The intensity can be preset and will continue at the same rate throughout the scenario.
4. **Move for Cover Mode** – The vest will activate with a shock if hit and if the trainee does not move to cover each time the vest is hit again the intensity will increase until the trainee moves behind cover.

**The Shadow Fire®**

The Shadow Fire is a standalone return fire cannon. It is remote controlled device, no wirers, completely portable. The Shadow fire shoots 68 cal. hard foam balls and can be used with the simulator or as a standalone training product. The barrel can be adjusted vertically and set in any aiming position for ease of use and simplicity.

**The Deluxe Shadow Fire®**

The Deluxe Shadow Fire fires the same hard foam balls as the Shadow Fire. It has a joystick with full pan & tilt capabilities to track the student in the training environment. With a barrel mounted camera and a viewing monitor the instructor can control the aim point and fire single, 3 round burst or go fully auto. The Deluxe Shadow Fire can be used with the Training Lab or as a standalone training product.
Simulation Scenarios

The heart of any video based simulation system is the content. The Scenarios are what you see and how they are Planned, Set up, Filmed and editing make all the difference in the world. Are you being drawn into the screen? Does it create an emotion? Is it relevant? Is it real? Ti Training is the only Simulation company with a in house studio and a full time video and editing staff! With a 3000 square foot studio and green screen technology coupled with a state of the art editing capabilities, Ti Training is constantly creating the best scenarios in the industry! and as always the new scenarios are free to our customers, keeping your training at its peak!

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<tr>
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<th>Full Time Video Staff</th>
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<tbody>
<tr>
<td>Ti</td>
<td>3000 foot studio in house</td>
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<td>Ti</td>
<td>Actors used on every scenario shoot</td>
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<td>Ti</td>
<td>Custom scenarios filmed upon request</td>
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<td>Ti</td>
<td>Professionally filmed with the &quot;Red One&quot; camera</td>
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<td>Ti</td>
<td>Shooting Video Resolution of up to 4096 x 2304</td>
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<td>Ti</td>
<td>Scenarios filmed on location with special effects</td>
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<td>Ti</td>
<td>Free Scenarios automatically shipped each quarter</td>
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<td>Ti</td>
<td>Always filmed w/ Law Enforcement present (SME's)</td>
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Scenario Effects

A customer requested to have scenarios where his officers would be sitting in their patrol car and would have to draw from their holster while seated and wearing a seat belt...were able to film the scenario then add special effects to have the windshield blow out by both the shooter and the officers shots.

We film on location and can film during the day then changed it to a night scene, notice the graphic overlays of gun fire and the added cityscape.

Many of the scenarios filmed we have added effects, such as blood splatter, Any "POST" effect is added to coincide with the training objectives. If a suspect is hit in the arm or leg they will see a different reaction then a head shot. A head shot might show blood splatter to alert the trainee as to a lethal hit.
Training Room

The Training Room is a keypad system that allows an instructor to have everyone in the class connected to the system in real time. While presenting material in either video or verbal format the instructor can poll the class, test on a topic, or can create a discussion on student responses. This powerful training tool helps tremendously in the retention levels of a class and will keep the entire class focused and alert.

The students can answer true or false, multiple choice, or rank answers in order. When presenting; an instructor knows if his class is following along or should more time be spent on one topic. If there is no need to remediate, the class moves forward with total understanding, saving time and money.

INTERACTIVE CLASSROOM SIMULATOR

Features Highlights

- PowerPoint based for ease of use
- Unlimited Keypads
- Self Creation of Training Content
- Repeatable Training
- Electronic Polling and Testing
- Immediate Student Feedback
- Non-Hardware Dependent
- Inexpensive
- Courseware available by experts in the field
- Load existing PowerPoint lessons making them interactive
- Free Software

Training Room—Complete Integration into Microsoft Office Suite

- Use Microsoft PowerPoint®, the presentation standard to create student interaction points specific to you.
- Track response information and view reporting results with Microsoft Excel® and Microsoft Word®.
- Create and import question lists with Microsoft Word®.
- Communicate and share collected information with Microsoft Outlook.

RF Receiver:

The Training Room receiver is a small USB connection device. It can be used in multiple environments since it fits any computer. The Tr Software is free and can be loaded on an unlimited number of agency computers. Training content can be authored offline. When presenting, the addition of the receiver and keypads provide a dynamic, interactive experience.
The Training Table is a group of Subject Matter Experts in the Law Enforcement, Fire and Public Safety fields that have come together with Ti Training to create training content for your use. This training content comes in the form of Play only DVD’s and also in a totally interactive classroom setting when used in conjunction with the Training Room classroom simulator. In the interactive version you have questions, quizzes, and final test for the students to take throughout the training session. Also, with the full interactive version you receive a Media Player CD with the entire course for use in embedding part into your own training lessons. As the Ti Training video content library grows so will the Training Table and the knowledge that is available to you and your department.

Sample Courseware

**Law Enforcement Agency Courseware**

**Use of Force Field Guide – Landmark Cases**

*$489.00*

This course is designed to be used in the classroom setting with the Ti Training Room software and keypad system. It is fully interactive for a classroom setting. Included in this package:

1- DVD Interactive course “Landmark Cases”
1- Instructor Manual
1- Student Handout (Non-copyrighted)
1- CD-Video in Windows Media

**Individual Officer Use Only**

**Use of Force Field Guide – Landmark Cases**

*$19.50*

This DVD version of the Landmark Cases Courseware is designed to be used by an individual for self learning. This is a play only DVD

Included in this package:
1- DVD Play only