ABOUT US

Laser Shot provides affordable, alternative training solutions for military, law enforcement professionals, and pro shooters. Since its establishment in 1999, Laser Shot has remained committed to developing the most realistic and practical firearm simulators, crew training simulators, and live-fire facilities available worldwide.

Laser Shot offers progressive training solutions that are applicable to all skill levels, adaptable for individual customer needs—all while focusing on “train-as-you-fight” core principles. Our training solutions augment existing programs with safe alternatives by using technologically-advanced simulations for immersive training. In live-fire facilities, they turn conventional, mundane ranges and shoot houses into exceptional, cutting-edge facilities.

Laser Shot, Inc.
Corporate Office
4214 Bluebonnet Drive
Stafford, Texas 77477
Phone: 281.240.1122
Since 1999, Laser Shot has researched camera technology to find an optimum method for tracking simulated firearms using visible and infrared lasers. Laser Shot cameras are truly state-of-the-art. When combined with Laser Shot’s proprietary sub-pixel laser tracking algorithm, the end result is the fastest and most accurate tracking method available for simulated firearms on the market today.

Laser Shot’s camera technology is an integral piece of large-scale military training simulators currently in use throughout the United States and abroad. Of the many reasons why military clients choose Laser Shot for their firearms simulation needs, perhaps none are as important as the unparalleled level of tracking accuracy afforded by our uniquely advanced camera technology suite.

**LASER SHOT HIT DETECTION CAMERA**

Our Laser Shot hit detection cameras are the workhorse for our firearm simulators. The Laser Shot Detection Cameras detect the location of the visible and/or infrared lasers emitted from the various simulated firearms and transmits the recorded data to the computer to display the location of the impact.

**BENEFITS**

- Use live firearms against virtual targetry
- USB 2.0 hi-speed port
- Adaptable to nearly any live-fire facility
- Functional with Simunition™, UTM™, rubber paintball, or airsoft rounds
PERSONAL SKILLS TRAINER DESIGN AND OPTIONS

Laser Shot camera technology is available to the everyday person. Whether you are a professional firearms competitor, recreational sport shooter or shooting enthusiast, at Laser Shot we understand that accuracy of the camera technology suite is most important. When you choose a system backed by years of research and proven by military testing, you know that you are shooting a Laser Shot Simulator.

Laser Shot has designed shooting simulator systems that can be purchased in a number of convenient ways. From mounted high tech/high dollar systems designed for multi-million dollar homes and installed by Laser Shot’s dealer/integrator affiliates, to small ultra-short throw projectors and complete portable systems that require no installation.

Laser Shot offers turn-key portable range simulators that have all the features in one complete package. The choice and options are yours.

“As a professional shooter, travel, time and convenience as well as repetition and extreme accuracy makes all the difference in training. Laser Shot provides a realistic solution for all five concerns.”

- Max Michel

The only Action Shooter to hold a Guinness World Record
Laser Shot develops shooting simulators for everyone who enjoys firearms training and fun. Laser Shot simulators train the serious world class competitors from the average person who wants to improve their shooting skills for both protection and self confidence, to the private consumer and hunter education markets as well.

The precision accuracy is there for all, but the different firearms options, software, screens and installation, change the costs and seriousness of the training. With recoil firearms, inserts for your own firearm, and multiple software titles from which to choose, there is a system to fit any shooters’ needs.

Laser Shot offers a variety of simulators with options for pre-construction planning, to after-market installation in your current establishment or residence, to complete portability, with our PSATS (Portable Small Arms Training Simulator) to our latest SimRange, short throw projector system with integrated camera technology.

Please visit LaserShot.com for more information.
Max Michel, Guinness World Record holder, using the SimRange™ - page 8, Run and Gun - page 19 and the SIM7 simulated firearm - page 32.
PORTABLE OR INSTALLED SYSTEM

SimRange™ simulates a traditional shooting range with the use of virtual targets. Laser Shot’s newest technology allows ultra-short throw projectors with integrated hit detection cameras to be placed within 18” of the screen surface - reducing the overall footprint required.

Traditionally, firearms simulators require the installation of an independent laser hit detection camera adjacent to the projector. SimRange™ solves that problem by integrating the hit detection camera inside the projector, ensuring proper alignment and minimal set up time.

Key Features:
- Scalable for larger training throughput
- Exceptional video quality in 1080P HD
- Increases shooter’s proficiency, confidence, and skill levels
- Safely conducts firearms training without the need for ballistic facilities or live-fire weapons
The Laser Shot Webcam Range provides users a simple solution using a webcam and Laser Shot software to perform basic firearms training. Shooters can apply the fundamentals of pistol training with a Laser Shot Webcam Range and not have to worry about live firearms or ammunition while training. Laser Shot Webcam Range only works with visible laser firearms and inserts.

**ITEMS INCLUDED**
- Webcam
- Webcam Range Software
- Manual

**OPTIONAL ITEMS**
- Visible Laser Firearms
- Visible Laser Firearm Accessories
- Laptop
- Camera Tripod
- Targets

*Laser Shot Webcam Range only sees and records visible laser firearms and inserts.*
Laser Shot’s Curved Screen Simulators have modernized the immersive virtual training industry. By utilizing a curved, seamless screen, we are able to create an uninterrupted image, offering the most realistic firearms training experience available.

Immersive virtual training replicates live-fire training an individual would receive on a traditional shooting range. This offers a large variety of targets, qualification courses, and skill drills. Shooters can fine tune their small arms fundamentals with our Skill Drills Training Modules as well as put themselves into realistic use of force situations with our Judgmental Training Software (JTS).

(Compatible with the 130 Degree Curve/Compatibility with 180 Degree Curve coming soon.)

<table>
<thead>
<tr>
<th>SYSTEM TYPE</th>
<th>FIREARM COMPATIBILITY</th>
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</thead>
<tbody>
<tr>
<td>LONG AND SHORT RANGE MARKSMANSHIP</td>
<td>LS Ultra Short Throw Video Projector</td>
</tr>
<tr>
<td>COLLECTIVE EXERCISE</td>
<td>Gaming Console</td>
</tr>
<tr>
<td>SHOOT/DON’T SHOOT SCENARIO</td>
<td>Modular Truss Designs/ Hard Mount Installs</td>
</tr>
<tr>
<td>130 DEGREE CURVE SCREEN</td>
<td>Seamless Screens</td>
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<tr>
<td>9’ HEIGHT</td>
<td>7 M CURVED SCREEN WITH TRUSS STRUCTURE</td>
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<tr>
<td>15’ X 15’ FOOTPRINT</td>
<td>SPEAKER SET</td>
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<tr>
<td>180 DEGREE CURVE SCREEN</td>
<td>NON-TETHERED OR TETHERED WEAPONS</td>
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180 Degree Curve Screen
19’10” Front Width
12’3” Height

130 Degree Curve Screen
15’ x 15’ Footprint
9’ Height
The Laser Shot Curved Screen is ideal for virtual ranges, sporting events, or cinema. Boasting a massive HD picture field of view, the Curve is the ultimate immersion experience and comes in a variety of sizes.

**INCLUDES**
- Laser Hit Detection Camera
- Gaming Console
- Wireless Keyboard & Mouse
- Short Throw Projector
- Amplified Monitor Speakers
- Curved Screen
- Truss System

**IMMERSIVE FEATURES**
- Customizable configurations for an array of environments
- Great for cinema and multimedia
- HD picture quality

**FLAT SCREEN SYSTEM**
Laser Shot works on any flat screen supporting 16 x 9 image sizes. Small, medium and large, Laser Shot has installed simulators of all sizes. As an after-market installation it is as simple as installing the Laser Shot camera near the video projector, run a USB or Ethernet cable from the camera to the computer and install an HDMI video cable from the computer to the video projector, if there hasn’t already been one installed. Two cords and two screws, it couldn’t get easier than that!
# TRAINING SOFTWARE

Laser Shot recognizes that the key to successful training will come from a combination of both hardware and software. To that end, Laser Shot believes in developing the most realistic and effective training software available.

Laser Shot’s virtual targetry software replicates current military and law enforcement training standards. Proven training methods provided by subject matter experts in the law enforcement industry have been instrumental in advancing individual skill sets.

Laser Shot also understands that organizations may have different training needs so we pride ourselves in working with our customers to develop specific software that meets their requirements.

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<th>SYSTEM TYPE</th>
<th>FIREARM COMPATIBILITY</th>
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<td>PORTABLE</td>
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<td>LIVE FIRE</td>
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<tr>
<th>TRAINING TYPE</th>
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<td>SKILL BUILDING</td>
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<td>QUALIFICATION</td>
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<td>MARKSMANSHIP</td>
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Armed professionals whether they be military, law enforcement, or Concealed Carry Holders, must be able to perform under high stress conditions. These conditions may include multiple threats, innocent civilians, reduced light, reloads, and weapon malfunctions. History has shown that traditional firearms qualification training alone is insufficient to prepare individuals to perform under the stress of deadly force encounters.

Laser Shot's Judgmental Training Software (JTS) is a high definition, video-based, use-of-force training solution. Training scenarios are presented with armed professionals that develop decision making and performance skills associated with use-of-force encounters. JTS incorporates the latest in firearms training technology to reinforce proper judgment and decision making.

JTS trains individuals to respond to an unknown stimulus that requires situational interpretation based upon the context of the encounter. Performance can be evaluated based on the individual's decision, weapon manipulation, tactics, and articulation against both the law and agency policy. This training enhances real world performance by developing mental models that support critical decision making under stress that can offset the consequences of loss of life, personal injury, criminal liability, civil liability, or job loss.

JTS includes state-of-the-art features with multiple outcomes per scenario that instructors can run from the fixed system or tablet instructor station and can either escalate or de-escalate the situation based on the individual's decisions. JTS also includes the ability to record the individual's actions and commands during the scenario for later review to identify strengths and areas for improvement. The after action review also shows shot placement and response times to assess marksmanship skills.
KEY FEATURES
- Authoring station
- HD quality scenarios
- Easy-to-use interface
- After action reviews (AAR)
- Multi-scenario outcome capability
- Interactive, immersive, and intuitive
- Instructor driven or automated scenario outcome
- Dynamic scenarios with user controlled outcomes
- Multi-point hit-zone design for easier hit-zone creation

BENEFITS
- Proactively monitor reactions to scenarios
- Identify areas where use-of-force retraining may be necessary
- Customize scenarios and replicate events for training purposes

JTS Scenario - Burglary

JTS Scenario Building Tool
Created in partnership with Michael Johnson at Shockwave Defense, this new line of JTS scenarios has been specifically designed from law enforcement subject matter experts and performed by the trainers at Shockwave at full-force. These particular scenarios also have far more possible branches allowing for more training value and longevity-of-use to the customer.

- Scenario 1: Vehicular theft in a concealed carry situation
- Scenario 2: Domestic disputes requiring law enforcement aid
- Scenario 3: Officer assistance during an assailant pursuit
- Scenario 4: Intruders breaking into your home
Laser Shot’s C/CAT is a portable, modular, barrier system which allows shooters to utilize cover and concealment, enhancing simulated and force-on-force training scenarios.

Barricades measure 4’x6’ and are built with modularity in mind. A C/CAT can be configured to replicate obstacles found in the field, such as: doorways, hallways, corners, and other architectural layouts. Barriers also incorporate 2’x2’ removable panels to create apertures and windows.

Each C/CAT system is comprised of two barricades which can be set up and torn down in minutes. The entire system packs easily into a single case measuring 13’x39’ and weighs only 46 lbs.

**KEY FEATURES**

- Barriers can be linked to create a 90 degree corner
- Barriers can be configured to simulate a side-fed or center-fed room
- Panels can stand alone or be linked with little effort utilizing integrated Fastex buckles
- Multiple C/CAT’s can be purchased to create more elaborate layouts such as rooms or elongated hallways
- Each set comes with 2 complete barriers, (4) solid 2’x2’ panels, (2) clear windows, (1) curtain and (1) quarter-aperture
- Constructed of durable PVC and is CA fire compliant material
- Padded carry bag is included and designed with air travel in mind
- Made in America
Transform an indoor space into a cutting-edge, modular competition shooting course! Run & Gun is a perfect addition to any shooting sports complex, gun store, training academy, entertainment venue, or event and can be configured into countless virtual courses by rearranging pre-made stages or with optional add-on packs in the future.

The next evolution of Laser Shot’s hit software title Practical Shooting - Run & Gun takes it to the next level by networking multiple shooting lanes into a single, action-packed simulator that emulates real IPSC- or IDPA-style competitions without the need for live firearms. When paired with Thermal Shot™ Live-Fire Technology, Run & Gun is ideal for indoor live-fire ranges who want to modernize their customers’ experience and increase attendance.

Compatible simulation firearms include inert laser trainers, drop-in recoil kits for real firearms, UTM kits, or dedicated recoil non-gun training weapons. Add a few CCAT modular barriers to the indoor course to create a truly 3D competition shooting experience.
### Personal Skills Training Software

<table>
<thead>
<tr>
<th>TITLES</th>
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<tbody>
<tr>
<td>Air Assault</td>
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<tr>
<td>Bear Hunter</td>
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<tr>
<td>Course of Fire</td>
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<tr>
<td>CQC - Close Quarters Combat</td>
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<tr>
<td>Dart Duel - 01s</td>
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<td>Dart Duel - Cricket</td>
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<td>Dart Duel - High Score</td>
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<td>Dart Duel - Shanghai</td>
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<td>Dove Hunter</td>
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<td>Endless Easterns</td>
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<td>European Tower Hunting: Pheasant Hunt</td>
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<tr>
<td>Five Stand</td>
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<td>Flooded Timbers</td>
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<td>Flying Rubber Ducky</td>
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<td>Full Boar</td>
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<td>Gobblin Goulds</td>
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<td>Hunting Targets</td>
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<td>JTS - Judgmental Training Software</td>
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<tr>
<td>Mallard Hunt</td>
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<td>Mallard Madness</td>
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<td>Merriam Madness</td>
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<td>Midway Mallard</td>
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<td>Osceola Outbreak</td>
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<td>Patridge Hunter</td>
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<tr>
<td>Practical Shooting Alpha</td>
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<tr>
<td>Practical Shooting Bravo</td>
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<tr>
<td>Practical Shooting Charlie</td>
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</tbody>
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#### Software Titles

- **Rabbit Hunter**
- **Dove Hunter**
- **Air Assault**
- **Flooded Timbers**
- **Reaction Plates**
- **Xtreme Squirrel**

*Images of software titles.*
SOFTWARE TITLES
PERSONAL SKILLS TRAINING

TITLES
- Practical Shooting Delta
- Practical Shooting Echo
- Practical Shooting Foxtrot
- Prairie Dog Hunt
- Pro Shooting Challenge 1
- Pro Shooting Challenge 2
- Pro Shooting Challenge 3
- Pro Shooting Challenge 4
- Pro Shooting Challenge 5
- Rabbit Hunter
- Reaction Plates
- Rio Roundup
- Roe Deer Hunter
- Shapes and Colors
- Skill Drills 1
- Skill Drills 2
- Skill Drills 3
- Speed Trap II
- Steel Challenge
- Target Shootin'
- The Pirate Ship
- The Saloon
- Virtual Hunting HD
- Wild Turkey Shooting Gallery
- Xtreme Squirrel Hunt
- Zombie Hunting

Practical Shooting - Charlie
The Saloon
Pro Shooting Challenge
Roe Deer Hunter
Prairie Dog Hunt
Skill Drills 1
PRACTICAL SHOOTING
6 COMPETITION SHOOTING TITLES

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<th>TRAINING TYPE</th>
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Competition shooting tests the ability to shoot both quickly and accurately.

Laser Shot took these skill sets into consideration and created challenging courses that will help shooters further develop their technique. It gives a shooter the ability to train in the comforts of an indoor environment all year round. This software paired with Laser Shot hardware enables a shooter to easily train for any competition shooting match.

- Competitive scoring system
- Time and accuracy scoring factors
- Shoot / no-shoot targets
- Simulates actual course pathways
- Wood and metal targets

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<tr>
<th>SKILL BUILDING</th>
<th>TRAINING COURSEWARE</th>
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<tr>
<td></td>
<td>ALPHA BRAVO CHARLIE</td>
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<td>DELTA ECHO FOXTROT</td>
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Course of Fire™ enables users to replicate the traditional shooting range experience. It is designed for the purpose of helping law enforcement agencies meet their firearms training standards. The user-friendly interface features include a simple menu, course editor, and language editor.

**KEY FEATURES**
- Immediate feedback
- Easy-to-use interface
- Scalable for higher throughput
- Accurately sized targets and scoring
- Comprehensive After Action Review
- Instructor screen for real time monitoring
- Database of individuals and training history
- Capable of augmenting live-fire qualification
Laser Shot simulators are the secret weapon of clay shooting champions like Corey Kruse and Brad Kidd. Powered by Laser Shot's true-to-life ballistics algorithms, these competitors have the ultimate edge: the ability to train virtually anywhere.

Laser Shot’s Five Stand software provides a realistic virtual version of the game, and when paired with Absolute Zero 12-gauge laser ammo, a competitor is able to train with their own shotgun - building the muscle memory associated with their gun’s sight picture, weight, and trigger’s unique breaking point. Day or night, rain or shine – a private Five Stand range is always standing by, ready to sharpen a competitor’s skills and bring the excitement of the game virtually anywhere.

“I use my Laser Shot for serious training to work my gun mounts prior to competition...” - Brad Kidd Jr., 17X All-American Shooter
Skill Drills 1™ includes ten unique programs, each focusing on a specific shooting fundamental. The data provided in the after-action review (AAR) aids shooters in the ability to track improvement by measuring speed, accuracy, target acquisition, and target priority. The customizable setting allows the difficulty to be catered to any skill level.

- Quick Skill Drill
- Matched Color Drill
- Hostage Drill
- Transitional

Skill Drills 2™ includes eight additional programs, which combine both shooting fundamentals and critical thinking exercises.

- Lateral Thinking
- Charging
- Dueling Tree
- Speed
- Matched Colors 2

Skill Drills 3™ integrates ten new, separate training drills into an intuitive user interface. Supporting multiple, simultaneous and independent training lanes, each of the drills comes with straightforward instructions as well as AAR.

- Skills Drills 3
- Acceleration Drill
- El Presidente
- Demi Presidente

- Timing Speed
- Speed and Distance
- Fast Drill
- Accuracy - Timing
PRO SHOOTER

"I TRAIN WITH LASER SHOT"

- BRAD KIDD JR.

17X ALL AMERICAN SHOOTER
HUNTER EDUCATION TOOLS

It is imperative to practice safety and responsibility in your hunting activities. Laser Shot Hunter Education Tools are included with our systems because we are committed to educating and reeducating hunters of all ages and experience levels.

From the basics of firearms handling to bow hunting to game cleaning and care, these tools will provide plenty of valuable lessons.

**COVERED TOPICS**
- Rifles
- Shotguns
- Handguns
- Ammunition
- Bow Hunting
- Firearm Basics
- Muzzle Loading
- Hunter Responsibility
- Game Care & Cleaning
- Firearms Handling and Safety
- Principles of Wildlife Management
- Marksmanship and Shooting Fundamentals

**VIRTUAL HUNTING HD**

**COVERED TOPICS**
- Over 500 animal scenes
- Create your own playlist
- Display shot hits
- Shows kill zones
- Start-and-stop scenarios for proper training
Max Michel
- Current International Practical Shooting Confederation (IPSC) World Champion (XVII, USA)
- Only shooter in the world to hold seven World Speed Shooting titles as well as the only Action Shooter to hold a Guinness World Record
- Veteran of the U.S. Army for 10 years and Army Marksmanship Team member & instructor
- Current captain of the Team SIG SAUER shooting team

Cory Kruse
- World Sporting Clays Championship Silver, 2008
- Diamond Classic Champion, 2014
- North American FITASC Champion, 2014
- Browning Briley World Open Prelim and 5-Stand Champion, 2014
- PSCA Tour - Leg 1 - 4th Place, 2014

Brad Kidd
- 17 Time All-American
- 10 Time USA Team Member
- Led Team USA to Team Gold in both Sporting and FITASC World Championships
- World FITASC Silver Medalist, 2013
- Captain of Team USA, 2011
- World Sporting Silver Medalist, 2011

BJ Norris
- Steel Challenge World Champion, 2011
- Steel Challenge Iron Sight Pistol Division World Champion, 2012
- Steel Challenge Iron Sight Pistol Division National Champion (2012, 2009)
Laser Shot designs, manufactures, and assembles a variety of simulated firearms solutions that address different training requirements from law enforcement professionals.

**SIMULATED FIREARM TYPE**

**Turnkey simulated firearms** that action the bolt through CO₂ or compressed air. Refillable reservoir in barrel or magazine. Recharged with CO₂ refill adaptor and tank or through compressed air. Tethered options also available.

**Transform customer provided firearm** into a simulated recoil firearm by removing manufacturer’s barrel assembly and replacing with conversion kit. Laser is inside the barrel assembly and replacement magazines provide reservoir for CO₂ to provide recoil. Tethered options also available.

**Realistic facsimile of firearm models** but has no action or recoil and will emit a laser when the trigger is depressed.

**Laser modules** that can be inserted into customer’s firearm and register shots when trigger is pressed.
SIM7

Designed by firearm engineers to replicate the form, fit, and function of prolific polymer-framed sidearms, the SIM7 instills unforgettable muscle memory into the user with its true-to-life trigger weight, take-up, and reset. This simulated firearm can be outfitted with the user’s choice of a visible laser for standard dry-fire training or an 850nm infrared laser for integration with Laser Shot virtual firearm training simulators.

Laser Shot understands that a good training tool requires more than realism and took the development of this product several steps further by receiving ATF Certification #3311/304559 “non-firearm” status for international (non-ITAR) shipping and answered the market’s demand for a maintenance-free device by ensuring the simulated trigger will function flawlessly through trigger pulls numbering in the hundreds of thousands - if not millions.

**KEY FEATURES**

- Reliable through countless shots
- IR or visible laser
- Familiar ergonomics and assembly
- Compatible with issued accessories
- Moving action
- Milspec durability
- True-to-life trigger
  - Weight
  - Take-up
  - Break
  - Reset
- Laser powered by two AAA batteries
- Recoil models powered by CO2 or compressed air
SIM4

A training firearms is only as realistic as its trigger pull weight, take-up, and reset. Laser Shot’s team of firearm engineers built the SIM4 around a true-to-life trigger mechanism and equipped it with realistic form, fit, and function to that of the M4/M16 series of rifles. Available in dry-fire or recoil configurations, this training firearm is currently used by elite military and law enforcement units worldwide to instill unforgettable muscle memory during virtual phases of their training regimens.

### KEY FEATURES

- Reliable through countless shots
- IR or visible laser
  - Familiar ergonomics and assembly
- Compatible with issued accessories
- Moving action
- Milspec durability
- True-to-life trigger
  - Weight
  - Take-up
  - Break
  - Reset
- Laser powered by a single 393 battery
- Recoil models powered by CO2 or
<table>
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<tr>
<th>SIMULATED FIREARM</th>
<th>DRYFIRE</th>
<th>SENSORED</th>
<th>RECOIL</th>
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<tbody>
<tr>
<td>SIM7</td>
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<td>M9</td>
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<td>SIG® 229</td>
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<td>SIG® 226</td>
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<td>GLOCK® 19</td>
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Note: All firearms in this list are simulated versions.

SIG(R) is a registered trademark of SIG SAUER
GLOCK(R) is a registered trademark of GLOCK
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<th>RECOIL KIT</th>
<th>RECOIL</th>
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<td></td>
<td><strong>SIM4</strong></td>
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<td><strong>M16</strong></td>
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<td><strong>CROSSHAIR M24</strong></td>
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<td><strong>STANDARD RIFLE 37”</strong></td>
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<td><strong>YOUTH RIFLE 31.5”</strong></td>
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<td><strong>870 SHOTGUN 38”</strong></td>
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Dry fire laser inserts allow users to convert their individual firearm into a simulated firearm by inserting a laser into the barrel or chamber. When the firing pin makes contact with the primer cap*, an infrared laser is emitted. Some firearm models may require a reset trigger.

*While firing pins should not be damaged when making contact with primer caps, it is recommended that you inspect for any wear.

- DryFire Laser Kit, IR, .40, .45, 9MM (3.5” - 4.8” Barrel Lengths)
- DryFire Laser Kit, IR, .40, .45, 9MM (2.9” - 4” Barrel Lengths)
- DryFire LASER, 9MM, IR
- 12 Gauge Shotgun Adapter
- 20 Gauge Shotgun Adapter
- DryFire Laser Revolver Kit, IR, .357/.38 Special, (6 Pack)
- Glock® 17 Reset Trigger
- Replacement Laser Cartridge Cap

Laser Inserts Absolute Zero Short Flash System (SFS), IR
9MM, .38, .40, .45, 12GA, 20GA
HOW TO USE ABSOLUTE ZERO

Begin with a weapon system with a properly zeroed optic. Feed an Absolute Zero round into the chamber and close the bolt (please note, the round will not activate until the bolt is closed). Aim the projected beam onto a target at a distance of 25+ meters. With the weapon’s optic pointed at the center of the target, document the position of the laser using the laser dot reference provided. The relation of the laser’s position to the optic’s point of aim is the weapon’s unique Absolute Zero signature.

When utilizing the Absolute Zero round to re-zero an optic suspected of being misaligned, or to zero an optic new to the weapon, simply chamber the Absolute Zero round and align the laser’s position in accordance with the previously documented laser dot reference. Once the exact laser position is achieved, adjust the optic to be aligned with the center of the target. The optic is now Absolutely Zeroed.

Laser insert calibers listed from left to right:
- .50 Caliber Stainless Steel
- .50 Caliber Brass
- .223 Caliber Brass
- 9MM Caliber Brass
ACCESSORIES

Laser Shot offers a wide variety of computers, projectors, screens and accessories to fit your individual needs and budget.
CINEFOLD SCREEN

Featuring a matte, pure-white finish, the Cinefold screen is Laser Shot’s recommendation for compact portable simulators due to its tool-less assembly, simple setup, and small footprint when packed. Sizes are available to meet individual needs.

LUMA SCREEN

For permanent or semi-permanent install locations, the Luma Screen is the ideal show/no show solution as it rolls up into a compact housing after installation to a suitable ceiling or wall. Sizes are available to meet individual needs.

PROJECTOR

As the center piece of many Laser Shot Simulators, the Epson PowerLite provides a vivid 1080P image from 30” to 300” diagonal. Its plug-n-play capability and breakthrough horizontal image correction yield maximum training time.

USB EXTENDERS

Gefen’s USB 2.0 LR Sender unit connects to the host (USB extenders are used to increase the maximum available distance between an accessory and PC). The Receiver unit is connected to a USB device(s) at the desired extended location. A CAT-5 cable is installed between the two modules and the 5V power supply is attached to the Receiver. Any USB device(s) plugged into the Receiver are now seen by the host. The V120 Camera requires a USB 3.0; and with shorter cable runs under 34” it is recommended to use the Startech USB.30 active extender.

MINI GAMING CONSOLE

The Mini Gaming Console is the workhorse powering several premier Laser Shot Simulator models due to its powerful graphics card and compact size. When ordered from Laser Shot, each console will ship with all the required power, video, and security settings preset for use in a virtual simulator.
RANGES

Shooting Range Technologies™ is a leading authority on live-fire range design, fabrication and equipment. With more than seventy combined years of industry experience, SRT personnel are uniquely qualified to take on your range project and complete it on time and within budget. We use the very latest in computer aided design technology, and operate some of the largest computer driven dual-head water jet cutting machines in North America. As the live-fire division of Laser Shot, Inc., and previously operating solely under the Laser Shot name, SRT has been designing, fabricating and equipping specialized, 360-degree containment / zero SDZ live-fire shooting range facilities since 2005.

Ranges to Fit Any Need

Products include SRT’s Modular Ranges, Mobile Ranges, Container Ranges, and Shoot Houses. We’ll even help you with your custom conventional style range if you like. We have built and supplied range facilities for every branch of the U.S. military, including SOCOM; foreign militaries, including the Canadian Special Forces; DHS/ICE / Border Patrol; and The Federal Reserve; as well as Law Enforcement Agencies and Civilian/Commercial customers, worldwide. Even Sturm, Ruger & Co., one of the world’s largest firearms manufacturers, after exhaustive research, chose SRT to design, build and outfit their new, modular live-fire testing facilities in two of their manufacturing plants.
**Thermal Shot™** technology is the exclusive live fire solution that ensures an entire target wall is tracked. This implies that all areas of the screen will accurately track and register projectiles, resulting in zero blind spots or rogue shots. As a projectile passes through or strikes the Thermal Shot™ screen, the thermal camera detects and measures the locations of those strikes, instantly mapping the strikes to the projected images. The computer responds immediately with the correlating results which may include depictions of death, wounding, chipping, splintering, or other realistic bullet impacts.

**Key Features**

- Adaptable to nearly any live-fire facility
- Use live service firearms against virtual targetry
- Functional with Simunition™, UTM™, rubber paintball, or airsoft rounds
SRT installs the latest shooting range technologies in a compact self-contained unit through the use of modified 40’ shipping containers, which can be connected end-to-end for a maximum shooting distance of 100 meters. These ranges are in use by firearm manufacturers who need a testing range, police and military units who have frequent training and qualification needs, and competition shooters who need a live-fire range to hone their skills daily.

Optionally, Laser Shot’s powerful Thermal Shot technology can transform each Container Range into a virtual training center featuring challenging software with moving targets at simulated distances. See our Software chapter for a list of possibilities.

**STANDARD FEATURES**
- Turnkey indoor firearms training facility includes HVAC, trap, lighting, etc.
- Modified standard HC-40’ ISO shipping container(s) maintain affordability
- Use either a single container or join multiple mid-section containers to accommodate distances to 100 meters
- Multiple rubber and steel bullet trap choices to fit individual need
- Standard 7.62mm x 51 capable
- Easily moveable with crane and flatbed
- Can be located in most any flat, level area that offers minimal support
- OSHA, NIOSH, NEHC, NAVFAC and EPA compliant for airflow and discharge
- Low electrical power requirement (220VAC)
SRT’s Mobile Range is a completely self-contained live-fire training facility, transportable by standard over-the-road methods, without special permitting. Available in several target distances including 7, 10, and a 25 yards/meters. A ‘drive-up’ solution providing on-site, live-fire training. The Mobile Range can be customized to include monorail targets, shooting booths and/or Laser Shot’s Thermal Shot™ live-fire simulator. Other custom options available.

**STANDARD FEATURES**

- 360 degree containment with AR500 armor plate steel provides
- 100% purge-only ventilation system with 99.97% HEPA-filtered exhaust. Recirc/AC available.
- 14” ballistic rubber block trap backed with ½” AR500 armor plate rated for ball ammunition 7.62mm x 51
- Fully insulated (thermal/acoustical)
- Double air wall ensures shooter air quality and quick contaminant removal
- Exclusive Thermal Shot™ Live-fire Simulator System
- Range Master’s Office with complete operator station including:
  - Two-way intercom system
  - Targetry controls
  - Ventilation and lighting system controls
- Shore Power Connection
- DOT approved tandem axle chassis
SRT’s Modular Small Arms Range (MSAR) provides an equipment-based, zero-surface-danger-zone, alternative solution to the standard constructed indoor firing range. The MSAR can either include the weathertight enclosure, or be assembled inside an existing building. It includes all range systems such as OSHA/NIOSH/EPA/ASHRAE compliant HEPA-filtered ventilation, ballistic containment, sound isolation, target, lighting, communication and emergency systems. Control rooms, storage space and classrooms, as well as a choice in bullet trap and target styles; including patented Thermal Shot™ Live-fire Virtual Targetry are available. MSAR is a turnkey solution—Just provide a solid, level foundation/support and utility connections and we do the rest! Modular prefabrication drastically shortens acquisition time and simplifies procurement requirements.

**STANDARD FEATURES**

- 360° enclosed AR-500 armored shooting bay - No-Surface-Danger-Zone required
- 99.97% HEPA-filtered ventilation/HVAC available in Purge or Recirculating style
- Meets all applicable NIOSH, ASHRAE, OSHA & EPA requirements
- Only indoor range certified for use with new 7.62mm and 5.56mm EPR (M80A1 and M855A1) ammunition
- Modular, relocatable assembly simplifies procurement (non-MILCON)
- “Green” Range (complete particulate and fragmented lead containment/management)
- Noise pollution controls minimize impact on neighbors
- Steel or rubber bullet traps—proven designs
- Multiple target options, including Thermal Shot™ Live-fire virtual targetry/video wall
- Built-in Range Control Office
FEDERAL & STATE SIMULATOR / RANGE CLIENTS

Alcohol, Tobacco and Firearms Commission  
Attorney General’s Office  
Defense Intelligence Agency  
Defense Logistic Agency  
Department of Defense  
Department of Energy  
Department of Justice - MO  
Department of the Treasury - IRS OIG  
Department of Transportation  
Department of Veterans Affairs  
Environmental Protection Agency  
Federal Bureau of Investigation Academy  
Federal Bureau of Investigation - Detroit  
Federal Bureau of Investigation - VA  
Federal Bureau of Investigation - WV  
Federal Bureau of Investigation - Quantico, VA  
Georgia Department of Corrections  
Immigration & Customs Enforcement  
Maine Department of Corrections  
Mississippi Highway Patrol  
National Security Agency  
Pennsylvania Board of Probation & Parole  
Pennsylvania Commission Crime Delinquency  
US Border Patrol - Long Beach, CA  
US Department of Homeland Security  
US Coast Guard - AK  
US Court Services  
US Customs & Border Protection - NJ  
US Department of State

US Department of Transportation - NY  
US Department of State - Lima, Peru  
US Marshals - Cheyenne, WY  
US Marshals - AK  
US Marshals - LA  
US Marshals Service - FL  
US Marshals Service Special Operations  
US Marshals - Las Vegas, NV  
US Marshals - Jackson, MS  
US Marshals - NJ  
US Marshals - OH  
US Marshals - Oxford, MS  
US Probation Office - Detroit, MI  
US Probation Office - Jacksonville FL  
US Probation Office - IN  
US Probation Office - Philadelphia, PA  
US Probation Office - Tampa, FL  
US Postal Service  
US Postal Service OIG - Long Beach, CA  
US Postal Service OIG - Chicago, IL  
US Postal Service OIG - Denver, CO  
US Postal Service OIG - Edison, NJ  
US Postal Service OIG - Jacksonville, FL  
US Postal Service OIG - Lester, PA  
US Postal Service OIG - North Metro, GA  
Utah Adult Probation & Parole - Region III  
Utah Department of Corrections - Gunnison, UT

CONSERVATION GROUPS

Congressional Sportsman Foundation  
Dallas Safari Club  
Ducks Unlimited  
International Hunter Education Association  
North American Deer Breeders  
Pheasants Forever  
Quail Coalition  
Rocky Mountain Elk Foundation  
Wild Sheep Foundation  
Wild Turkey Federation