

# SHOOTING SPORTS SIMULATIONS

2025



COMPETITION

CIVIL DEFENSE

ENTERTAINMENT

HUNTER EDUCATION





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**SIMRANGE PROVIDES TRAINING FOR SYSTEM OPERATION AND FIREARM INSTRUCTION,  
WITH EMPHASIS ON  
SAFETY, ETHICS, AND RESPONSIBILITY.**

## CONTENTS

- 4. COMPETITION SHOOTING
- 6. CIVIL DEFENSE
- 7. HUNTER EDUCATION
- 8. ENTERTAINMENT
- 10. SIMULATED FIREARMS
- 12. SIMRANGE
- 13. SCREENS
- 14. SHOOTING INTEGRATIONS
- 16. SOFTWARE TITLES



**LASER SHOT**

## INTRODUCTION

Laser Shot's simulators open portals to exciting hunts, challenging games, and endless entertainment. With countless custom configuration options to choose from, these multimedia systems are ideal for any recreation facility, firing range complex, entertainment venue, home, or lodge and feature gorgeous HD projection, powerful gaming consoles, and life like simulated firearms. Ideal for more than just shooting - simulators double as entertainment systems, transforming a room into an immersive theater experience with your favorite movies, shows, and video games.

A variety of simulated firearms are available. Handguns, shotguns, and rifles can all be converted into both dry-fire and recoil configurations, or you can convert your own firearm with a simulated recoil conversion kit.

**LASERSHOT.COM**

# COMPETITION SHOOTING

## TRAIN LIKE THE PROS

Laser Shot's competition shooting software and simulated weapons were designed with input from the current International Practical Shooting Confederation (IPSC) World Champion as well as five World Speed Shooting Championships among many other titles.

Players are constantly challenged with targets of numerous sizes, multiple-hit targets, moving targets, reduced-size targets, and the stressors of being timed and competing against others.

Software titles like Practical Shooting are not a static virtual target course, but simulate movements to other obstacles and present an array of targets that make it an excellent training tool that encourages players to get better and compete amongst each other.

Max Michel, Jr. is one of the most dominant competitive shooters in the world due to his unmatched mental focus and the unrivaled training methods he's developed throughout his career.

### MAX MICHEL



Software: Max Michel Pro Shooter  
Screen Size: 9'  
SIM Firearm: SIM M17



Software: Skeet Shooting  
Screen Size: Curve Screen



Brad Kidd Jr. is a professional shotgun shooting coach specializing in sporting clays, trap, skeet, and wing shooting. With thousands of hours of coaching experience, he has taught shooters at all levels, from beginners to advanced athletes.

Brad has an exceptional track record of helping beginners progress to the highest ranks of competitive shooting. Several of his students have achieved the honor of making the NSCA All-American Team, showcasing his ability to elevate shooters to elite levels.

### **BRAD KIDD JR. SAYS...**

"The best shooting simulator on the planet...just ask the US Armed Forces, swat teams and pro shooters across multiple disciplines." - Brad Kidd Jr.

# CIVIL DEFENSE

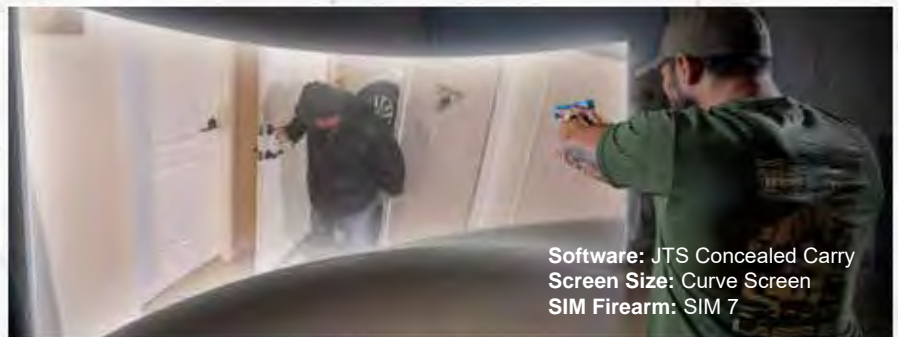
Firearm training for the purpose of civil/self defense has never been more accessible. SIMrange technology enables trainers and users to practice firearm handling, safety and usage any time, anywhere, and without the costs associated with using firearms including ammo, travel and gun maintenance. SIMrange's team of engineers produces a wide range of simulated firearms available in dry-fire and simulated recoil configuration.

## JUDGEMENTAL TRAINING SOFTWARE:



Used by police departments and law enforcement agencies across the globe, JTS is designed to challenge cognition through the use of real life interactive simulated scenarios. The scenarios were designed based on real life exposure to emergent threats in the law enforcement and military communities. As the student reacts to the scenarios presented to them, the instructor has the ability to manipulate the scenario based on the student's presentation of their organizations force continuum.

With over 1000 branching scenarios to choose from in the JTS library, from responding to a domestic disturbance or burglary to more complex branching scenarios such as active shooter and concealed carry scenarios, the instructor has the ability to challenge the student all while reinforcing the force continuum.



## SIMULATED FIREARMS & CONVERSION KITS

FULL SELECTION ON PG. 10 & 11



**SIM 7**  
DRY-FIRE



**M4 SBR**  
SIMULATED RECOIL  
REAL LOWER INCLUDED



**870 SHOTGUN**  
DRY-FIRE



## POPULAR SOFTWARE TITLES

FULL SELECTION ON PG. 16



# HUNTER EDUCATION

Experience exciting hunts and hone your marksmanship skills. A variety of software titles are offered for hunters looking to practice anytime and anywhere. Hunt game of any kind in your own home or facility with an installed system, or for those constantly on-the-go, a portable system allows users to quickly set-up in almost any room in a matter of minutes.

Bears, boars, birds and more are all available to be hunted in a simulated environment. The sub-pixel accuracy of patented laser-hit detection cameras ensures maximum realism when firing at targets. A selection of simulated hunting rifles and shotguns is available for hunters of all sizes, and recoil conversion kits can be used to convert your own weapon into a simulated firearm.

Software titles and simulated firearms are used in conjunction with components including a projector, gaming computer and laser-hit detection camera, to create a complete firearm simulator. No longer are hunters restricted to hunting trips or gun ranges to obtain valuable trigger time that is crucial in maintaining and enhancing one's marksmanship skills. One need not travel beyond the safety and comfort of the indoors. The power of simulation technology can be exploited to allow users the opportunity to practice hunting day or night, rain or shine, in nearly any environment.



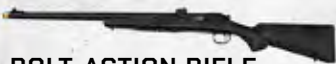
Software: Five Stand  
Screen Size: Curve Screen  
SIM Firearm: 870 Shotgun



Software: Full Boar  
Screen Size: 9'  
SIM Firearm: Standard Rifle

## SIMULATED FIREARMS & CONVERSION KITS

FULL SELECTION ON PG. 10 & 11



**BOLT-ACTION RIFLE**  
DRY-FIRE



**MEDIUM RIFLE**  
DRY-FIRE



**STANDARD RIFLE**  
DRY-FIRE



## POPULAR SOFTWARE TITLES

FULL SELECTION ON PG. 17



# ENTERTAINMENT

## VENUES

### RESTAURANTS · BARS · GOLF STORES/CLUBS · ENTERTAINMENT CENTERS · RANGES

The prevalence of firearm simulators in venues is rapidly increasing across the globe. Many bars, restaurants and even professional sports stadiums/arenas now feature one or more of such simulators, with several newer venues featuring them as the main attraction. CC/self defense trainers and hunting educators are now outfitting their facilities with one or more of these simulators and simulated firearms to provide the most immersive training experience possible.

SIMrange is prepared to equip any size and type of venue with a wide range of simulators, software, and simulated firearms. Ultra-short throw technology enables maximum utilization of limited space, and a library boasting over 175 software titles provides patrons with countless hours of entertainment. Simulated handguns, rifles and shotguns are available in dry-fire configurations, and simulated recoil versions can be used for a more realistic experience.



Software: Practical Shooting  
Screen Size: 14'  
SIM Firearm: SIM 7

# HOME THEATER

Whether you are seeking to add a multi-use entertainment system in your home or to upgrade your current home theater setup, SIMrange has the custom solution to fit the needs of any customer. Short throw and ultra-short throw technology allows simulators to be installed in rooms of nearly any-size.

If your room already features a projector, SIMrange can seamlessly integrate simulator technology. If you are interested in installing a complete home theater setup to your home, SIMrange will provide a solution that functions as much more. Movies, show, video games and of course, simulated firearm entertainment will all be made available with the installation of a SIMrange simulator.



Software: Trap Shooting American Singles  
Screen Size: 9'  
SIM Firearm: Bolt-Action Rifle



Software: Pro Deer Hunter  
Screen Size: 12'  
SIM Firearm: Standard Rifle

## POPULAR SOFTWARE TITLES

FULL SELECTION ON PG. 17



## SIMULATED FIREARMS & CONVERSION KITS

FULL SELECTION ON PG. 10 & 11



**SIM 7**  
DRY-FIRE



**870 SHOTGUN**  
DRY-FIRE

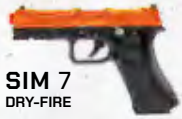


**MEDIUM RIFLE**  
DRY-FIRE



# SIMULATED FIREARMS

Laser Shot manufactures a variety of simulated firearms, both dry-fire and simulated recoil, for simulation training. Dry-fire firearms emit an infrared laser when the trigger is pressed. Recoil weapons cycle the bolt through CO2 or compressed air via refillable barrel reservoirs.



**SIM 7**  
DRY-FIRE



**SIM M17**  
DRY-FIRE



**1911**  
DRY-FIRE



**P320**  
SIMULATED RECOIL



**M9**  
SIMULATED RECOIL



**SIM 8**  
DRY-FIRE



**SIM M18**  
DRY-FIRE



**M9**  
DRY-FIRE



**GLOCK 17**  
SIMULATED RECOIL



**GLOCK 19**  
SIMULATED RECOIL

## DRY-FIRE

Designed by firearm engineers to replicate the form, fit, and function of prolific polymer-framed sidearms, SIMrange's line of simulated pistols instill unforgettable muscle memory into the user with their true-to-life trigger weight, take-up, and reset. These simulated firearms 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 SIMrange virtual firearm training simulators.

## SIMULATED RECOIL

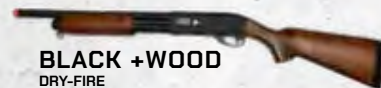
Laser Shot is the first simulator company to design our pneumatic recoil to be filled inside barrel reservoirs instead of the magazines. The barrel reservoirs can be filled with an adapter on a Co2 tank with siphon tube. Since magazine changes are required more frequently during normal training, the seals are commonly worn out and cause increased air leaks. Laser Shot improved this feature by leaving the magazines inert and constructed air reservoirs inside the barrels.

No additional accessories to the weapon are required that would not normally be standard issue. This design allows for a higher fidelity simulated weapon. Synthetic audio is not necessary because the mechanical action is sufficient to replicate the cracking of the weapon being fired, assisting in working toward mitigating flinching or anticipation of recoil.

### 870 SHOTGUN



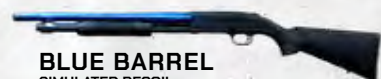
**SILVER + WOOD**  
DRY-FIRE



**BLACK + WOOD**  
DRY-FIRE



**BLACK**  
DRY-FIRE



**BLUE BARREL**  
SIMULATED RECOIL  
REAL GUN INCLUDED



**BOLT-ACTION RIFLE**  
DRY-FIRE



**STANDARD RIFLE**  
DRY-FIRE



**MEDIUM RIFLE**  
DRY-FIRE



**SMALL RIFLE**  
DRY-FIRE



**AK 47**  
DRY-FIRE



**SIM M4**  
DRY-FIRE



**M4**  
SIMULATED RECOIL  
REAL LOWER INCLUDED



**M4 SBR**  
SIMULATED RECOIL  
REAL LOWER INCLUDED

# CONVERSION KITS - PARTNERS

## DRY FIRE



**LASER KIT, IR**

This kit will allow you to use laser based dry fire training to practice with your favorite handguns that are chambered in 9mm, 45ACP, or 40S&W.



**LASER 9MM**

Needed to convert your personal firearm to a simulated IR laser gun



**12 GAUGE SHOTGUN ADAPTER**

Incorporate laser based dryfire training by converting your 9mm to work with your favorite 12G shotgun!



**20 GAUGE SHOTGUN ADAPTER**

Incorporate laser based dryfire training by converting your 9mm to work with your favorite 20G shotgun!

## RECOIL KITS



**Dvorak Recoil Conversion Kits** feature refillable Co2 reservoirs inside of the magazine, mitigating time spent refilling after the reservoir has been depleted. With multiple full magazines at the ready, simply eject the empty mag and insert a full magazine to simulate a real magazine swap with your simulated recoil firearm.

### PISTOL KIT

Replacement barrel and 2 magazine containing refillable Co2 reservoirs (25-30 shots before noticeable decrease in recoil).

### RIFLE KIT

With purchase of a rifle Dvorak kit, SIMrange supplies and outfits complete uppers from real firearms with Dvorak kit installed.



Use a **CoolFire Recoil Conversion Kit** to convert your personal firearm into a simulated handgun. Build unforgettably muscle memory and marksmanship skills with this tetherless recoil kit purpose-built by CoolFire to fit your privately-owned handguns.



### PISTOL KIT

Barrel with built-in, refillable Co2 reservoir and refill port located at the end of the muzzle (15-25 shots before noticeable decrease in recoil)

# SIMRANGE

The SIMrange ST is the best option for those who need to maximize useage of space. With ultra-short throw technology, the UST can be placed as close as 18 inches from the projection surface.



## **ST** SHORT THROW

Projection System  
DLP

Native Resolution  
1080p (1920x1080)

Brightness  
3000 ANSI LUMENS

Aspect Ratio  
16:9 Format

Throw Ratio  
0.69 :1 (Distance: Width)

Camera  
Laser-hit detection

Lens  
Standard

Installation  
Floor

## **UST** ULTRA SHORT THROW

Projection System  
DLP

Native Resolution  
1080p (1920x1080)

Brightness  
3000 ANSI LUMENS

Aspect Ratio  
16:9 Format

Throw Ratio  
0.33 :1 (Distance: Width)

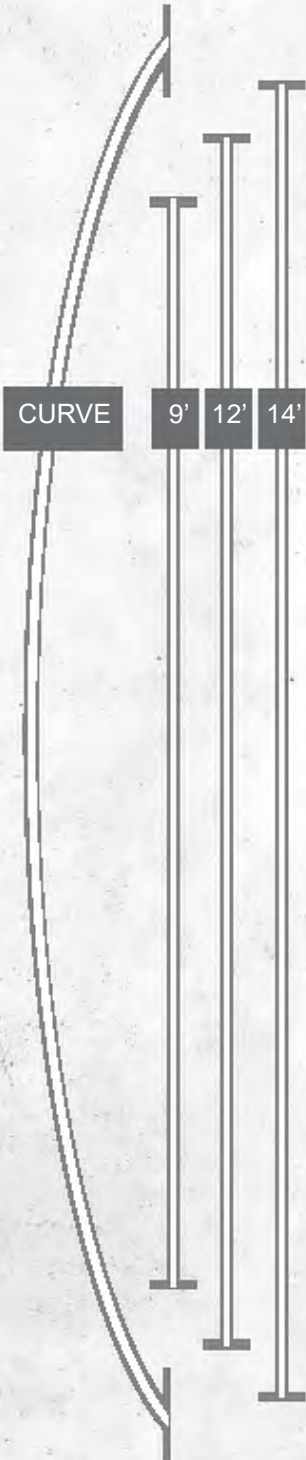
Camera  
Laser-hit detection.

Lens  
Fish-eye

Installation  
Floor / Ceiling

# SCREENS

## SCREEN SIZES



## ROOM WIDTH

The smallest recommended\* screen size is 9', which requires a room of at least equivalent width.

\*Smaller options available upon request

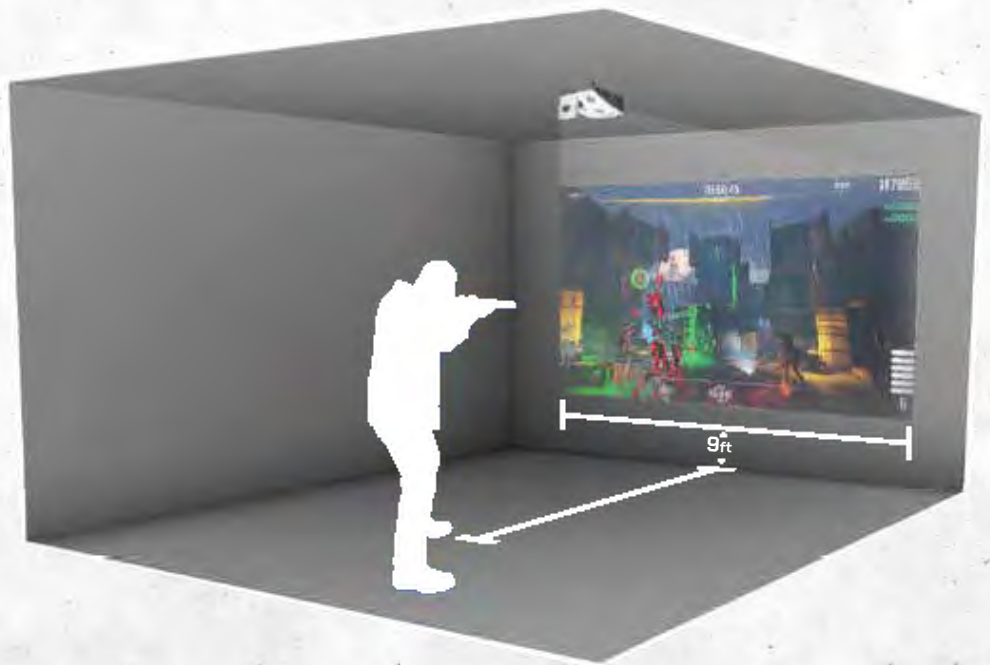
## ROOM LENGTH

The throw ratio (distance from projector to screen) for the UST and ST are:

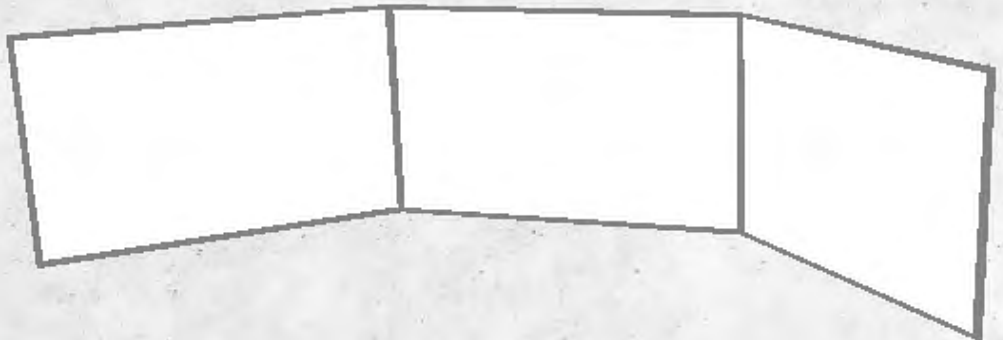
**UST** - 0.33 : 1 (distance : screen width)  
ex. projector 3ft. from wall : 9ft screen

**ST** - 0.69 : 1 (distance : screen width)  
ex. projector 6.21ft. from wall : 9ft screen

Recommended: Use width of screen to determine distance to stand from screen (ex. stand 9ft back from a 9ft screen).



## MULTI SCREEN



# SHOOTING INTEGRATIONS

## DO YOU OWN A GOLF SIMULATOR?

SIMrange technology can be seamlessly integrated into virtually any simulator setup. With the addition of a SIMrange custom mini-gaming PC, laser-hit detection camera/software, simulated firearms, and SIMrange software titles, your golf simulator now doubles as a SIMrange firearm simulator.

Expand the entertainment value of your venue or home theater with access to SIMrange's library of over 175 software titles and selection of simulated recoil and dry-fire firearms. Our team of engineers is standing by ready to turn any firearm into a simulated version, and our software team is hard at work producing courseware to facilitate firearm training and fun titles fit for the whole family to enjoy.



**Software:** Warehouse Warfare  
**Screen Size:** 14'  
**SIM Firearm:** 870 Shotgun

### SIMULATED FIREARMS & CONVERSION KITS

FULL SELECTION ON PG. 10



**SIM 7**  
DRY-FIRE



**870 SHOTGUN**  
DRY-FIRE

### POPULAR SOFTWARE TITLES

FULL SELECTION ON PG. 17





## LASER DETECTION CAMERA PACKAGE

### i7 MINI GAMING COMPUTER

Every SIMrange simulator requires a custom mini-gaming computer equipped with laser-hit detection/tracking software. Personal computers are not compatible with this software, making this mini-gaming PC an essential component of every SIMrange setup.



### LASER-HIT DETECTION CAMERA

These advanced cameras come equipped with patented laser-hit detection software that enables sub-pixel accuracy when determining shot location in the virtual world of the simulation being projected. These cameras are commonly integrated into the projector to ensure constant alignment and maximum portability. Integration of the laser-hit detection camera is one of the primary features that make SIMrange simulators industry leaders in setup time and ease-of-use.

Non-integrated cameras setups are also available and may be preferable if you already own a projector or if portability is not a primary concern.

### LENS OPTIONS

The lens of the laser-hit detection camera is available in two variants. The UST comes equipped with a fish-eye lens, while the ST generally comes equipped with a standard lens. Non-integrated cameras may come equipped with either, and our team of experts will always recommend the lens option that is optimal for your specific simulator setup.

# SOFTWARE TITLES

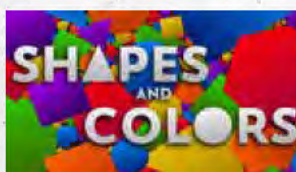
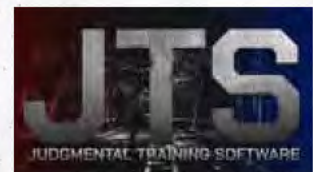
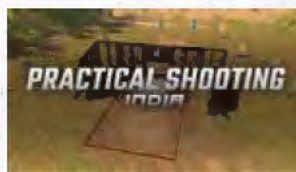
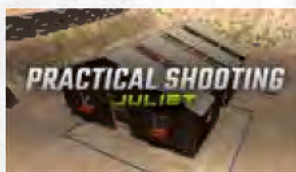
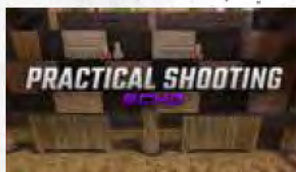
With an extensive library of software to choose from, SIMrange has a title for every user. Test your skills on professional shooting courses, practice hunting big game, or fight cowboys and pirates with the whole family.

Hunter Education software is available for hunting educators, as well as the Judgement Training Software library, which offers over 9000 branching scenarios, used by Law Enforcement to practice use of firearms in high intensity situations. The United States military use several of SIMrange's training coursewares to practice and qualify for firearm standards.

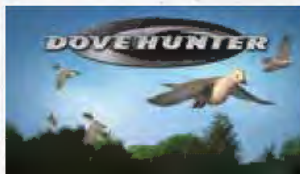
## SKILL BUILDING

### MOST POPULAR TITLE

**Practical Shooting Alpha** recreates courses on which the world's elite shooting competitors put their mental focus, speed, and accuracy to the test in global leagues like the International Practical Shooting Confederation (IPSC) and the International Defensive Pistol Association (IDPA).



# HUNTERS EDUCATION



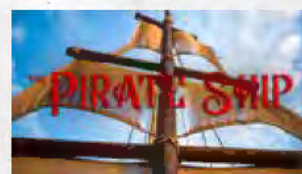
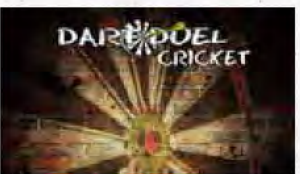
# HOME THEATER



## NEWEST TITLE

**Zombies**, fight of hordes of bloodthirsty zombies in this action-packed arcade-style simulation! Select from a variety of simulated firearms and enjoy a horror-themed night of fun with friends and family on your SIMrange.

Choose between two maps, Basement and Shipyard. Put your survival skills to the test against endless waves of zombies in the unlimited time mode, or try the timed mode and shoot for the high score in 150 seconds.





# LIVE FIRE RANGES



## SHOOTING RANGE TECHNOLOGIES™

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.

## MOBILE RANGE

The Modular Small Arms Range (MSAR) training device provides a zero-surface-danger-zone alternative solution to the standard MILCON indoor firing range. The completed MSAR includes a weathertight enclosure and all range systems such as OSHA/ NIOSH/EPA/ASHRAE compliant HEPA-filtered ventilation, ballistic containment, sound isolation, target, lighting, communication, touchscreen controls and safety/emergency systems. 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 small arms training solution. Just provide a solid, level foundation/support for anchorage and utility connections and we do the rest. Modular prefabrication drastically shortens acquisition time and simplifies procurement requirements. Weapons cleaning and storage and restroom/washing module options are also available.

Available with fixed or dynamic (tactical) firing lines, with full ballistic and splatter protection and NO interior dividing walls, columns, or supports within the shooting area, MSAR offers a safe, affordable small arms range solution which is superior to ranges constructed from shipping containers and conventional indoor ranges constructed as permanent 'brick and mortar' buildings.



## MOBILE RANGE

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 virtual targetry system. Other custom options available.

## CONTAINER RANGE

SRT installs the latest shooting range technology 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 as well as police and military units who have frequent training and qualification needs.

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.



# TRAINING HEROES THROUGH SIMULATION

## MILITARY



**500K +**  
WAR FIGHTERS TRAINED  
SINCE 2009

Laser Shot simulators lead the market with their milspec durability, performance, options, and by utilizing enterprise-level courseware used for battlefield simulations and qualification drills for all services.

The following training solutions feature technology designed and developed in accordance with the direction and verification of top military subject matter experts.

Warrior Skills Trainer (WST) is equipped with Virtual Battlespace 3 under the Army's enterprise license. VBS3 is authorized IAW TC 3-20.31 Mounted Machine Gun Gunnery, Table-II simulations.

## LAW ENFORCEMENT

Empower law enforcement professionals with Laser Shot's cutting-edge simulation solutions. Elevate tactical training, enhance decision-making, and ensure readiness through realistic scenarios. Explore our advanced technology designed to meet the unique training needs of law enforcement agencies, fostering skill development and operational preparedness.

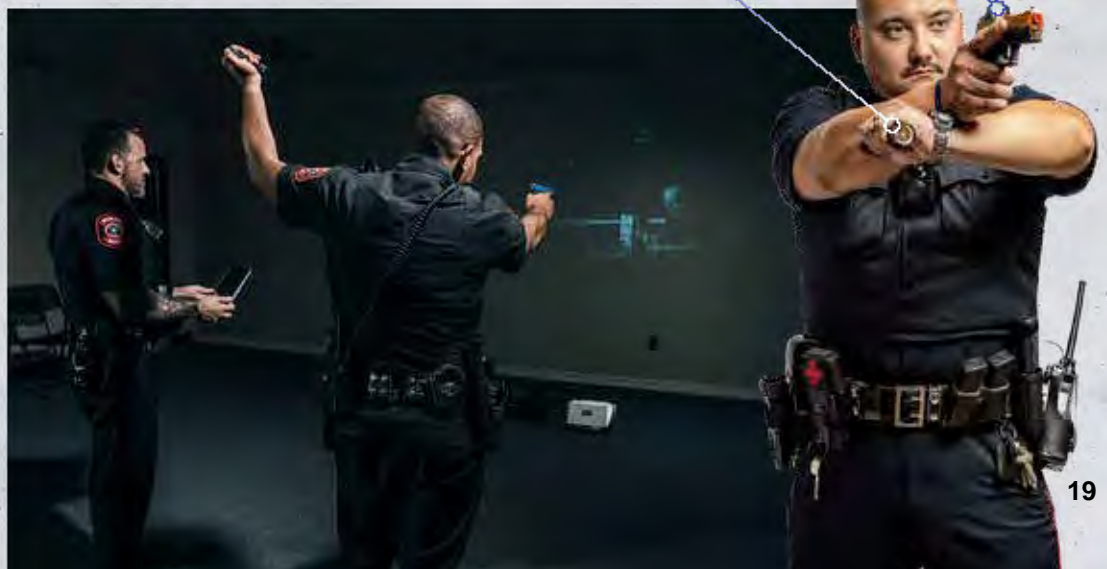
Judgmental Training Software (JTS) challenges cognition with real-life interactive simulated scenarios.



### KEY FEATURES

- Curriculum
- Instructor Capabilities
- JTS Editor
- Content Creation
- Content Creation Training
- Custom Content Development

Simulator for Law Enforcement has two cameras: flash light and firearm





 **LASER SHOT**



 **LASER SHOT**

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