

VirTra

V-ST PRO[®]

The V-ST PRO[®] is a high fidelity firearms and tactical skills training simulator. Certified ballistics translates into real world survival skills.

“ We want to make sure the use of force is proper. And we must have the right training tools to make that possible. We are always mindful of those kinds of considerations even in the selection of our training platforms. Providing the best, most accurate training simulators is something we can do to protect the public and our officers as they do their jobs. ”

Dr. Levi Bolton, Executive Director of the Arizona Police Association

“ By bringing our training in-house, we can control the learning environment which allows for an unmatched test of human performance, mental acuity and a new-found perspective on the individual that will push the limits of peak performance with maximum efficiency of our training time. ”

Travis Haley, CEO of Haley Strategic



VirTra

V-ST PRO[®]

SYSTEM CAPABILITIES

MULTIPLE RANGE ENVIRONMENTS

Choose from a variety of environments, weather, wind speeds, shooting positions and more.

REAL WORLD BALLISTICS

Capable of replicating live fire and shooting distances up to 2,000m. Ballistics calculator is independently verified with .02 milliradians accuracy.

VIDEO AUTHORIZING

Equipped with video authoring abilities that allows the end user to create customized scenarios.

TRAINING CONTENT LIBRARY

Multiple training points for objective-based learning.

HIGH QUALITY

Scenarios are filmed in high fidelity – including 4K and above – with real actors for maximum training immersion.

COURSEWARE

Includes: Active Shooters, De-Escalation, Emotionally Disturbed Person (EDP), High-Risk Entries and Skill Drills.

DEBRIEF/AAR CAPABILITY

Identify events, shot sequence and hit/miss placements down to one-hundredths of a second.

BUILT BY EXPERTS

Built by VirTra SMEs and external industry experts with a combined 300+ years of experience.

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V-300®

The V-300® is a judgmental use of force, decision-making simulator with 300-degrees of immersion that translates into real-world survival skills.

“ The V-300 is the **top-of-the-line in simulators**. It allows for immersion, de-escalation, stress inoculation, different weapon systems and multiple scenarios with multiple branching options. ”

Officer M. Austin, Omaha Police Department Academy Instructor

“ This 300-degree firearms training simulator **far surpasses any law enforcement training currently available** in the region. It provides real life training, giving officers a chance to test their skills against a variety of situations many encounter on a daily basis. ”

Chief Deputy David Huckstep, Alachua County Sheriff's Office





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V-300[®]

SYSTEM CAPABILITIES

MULTIPLE RANGE ENVIRONMENTS

Choose from a variety of environments, weather, wind speeds, shooting positions and more.

REAL WORLD BALLISTICS

Capable of replicating live fire and shooting distances up to 2,000m. Ballistics calculator is independently verified with .02 milliradians accuracy.

V-MARKSMANSHIP[®]

5 screens allow for training on multiple targets, courses and ranges spread across the simulation or on individual screens.

TRAINING CONTENT LIBRARY

Multiple training points for objective-based learning.

HIGH QUALITY

Scenarios are filmed in high fidelity – including 4K and above – with real actors for maximum training immersion.

COURSEWARE

Includes: Active Shooters, De-Escalation, Emotionally Disturbed Person (EDP), High-Risk Entries and Skill Drills.

DEBRIEF/AAR CAPABILITY

Identify events, shot sequence and hit/miss placements down to one-hundredths of a second.

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V-180[®]

The V-180[®] is a 180-degree judgmental use of force simulator whose immersive experience translates into real-world survival skills.

“For training, we always say, practice like you play, right? These simulate real-life scenarios. Officer safety. Safety to citizens. Safety to your fellow partner. People you work with. We’re trying to achieve safety for everyone, and controlling it, in very high-stress situations.”

Nick Poblocki, Firearms Instructor, Buffalo Police Department

“The [VirTra firearms training simulator] system is very immersive. You feel like you are in the middle of a real situation, and our officers are amazed at how realistic it is. The V-180 really ups the ante on our use of force training.”

Diane Scanga, Director of Campus Safety, Jefferson College



SYSTEM CAPABILITIES

MULTIPLE RANGE ENVIRONMENTS

Choose from a variety of environments, weather, wind speeds, shooting positions and more.

REAL WORLD BALLISTICS

Capable of replicating live fire and shooting distances up to 2,000m. Ballistics calculator is independently verified with .02 milliradians accuracy.

V-MARKSMANSHIP®

3 screens allow for training on targets, courses and ranges spread across the simulation or on individual screens.

TRAINING CONTENT LIBRARY

Multiple training points for objective-based learning.

HIGH QUALITY

Scenarios are filmed in high fidelity – including 4K and above – with real actors for maximum training immersion.

COURSEWARE

Includes: Active Shooters, De-Escalation, Emotionally Disturbed Person (EDP), High-Risk Entries and Skill Drills.

DEBRIEF/AAR CAPABILITY

Identify events, shot sequence and hit/miss placements down to one-hundredths of a second.

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V-100®

The V-100® is a portable, one-screen virtual small arms training solution that translates into real-world survival skills.

“ It allows for those mistakes to happen and get corrected before they are a problem for the agencies that we train for, and really that’s a huge piece of why we implemented this. We want to improve the training in a way that’s going to allow for those better choices down the road. ”

Todd Brophy, Washington State Criminal Justice Academy

“ The VirTra simulator allows Marksmanship and realistic scenario-based training to take place on a daily basis without the need for a shooting range, protective equipment, role players, safety officers or a scenario-based training site. ”

Officer Yong Lee, Instructor & Firearms Training Coordinator, Bellevue, WA



SYSTEM CAPABILITIES

MULTIPLE RANGE ENVIRONMENTS

Choose from a variety of environments, weather, wind speeds, shooting positions and more.

REAL WORLD BALLISTICS

Capable of replicating live fire and shooting distances up to 2,000m. Ballistics calculator is independently verified with .02 milliradians accuracy.

VIDEO AUTHORING

Equipped with video authoring abilities that allows the end user to create customized scenarios.

TRAINING CONTENT LIBRARY

Multiple training points for objective-based learning.

HIGH QUALITY

Scenarios are filmed in high fidelity – including 4K and above – with real actors for maximum training immersion.

COURSEWARE

Includes: Active Shooters, De-Escalation, Emotionally Disturbed Person (EDP), High-Risk Entries and Skill Drills.

DEBRIEF/AAR CAPABILITY

Identify events, shot sequence and hit/miss placements down to one-hundredths of a second.

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V-DTS™

The VirTra Driver Training Simulator (V-DTS™) is an advanced high-fidelity training experience that translates into real world defensive and emergency driving skills.

Over the past decade, 1,068 officers were killed in the line of duty. Of this number, 330 officers were killed by handguns, whereas 577 died from accidents.

FBI Uniform Crime Reporting Program

Training performed in a driving simulator can reduce officer-related crashes by 8%. Departments that have blended simulated and real-life emergency vehicle operation (EVO) training have seen crashes decrease by nearly 10%.

California Commission on Peace Officer Standards and Training, 2009





VirTra

V-DTS™

SYSTEM CAPABILITIES

SCENARIO AUTHORIZING

Create or modify environments with localization options to customize training to department needs.

VIRTUAL REALISM

Adjustable traffic density, natural hazards, roadside obstacles, weather and time of day.

REAL-WORLD PHYSICS

Real-world accuracy for acceleration, traction, skidding, sliding, etc. based on speed and conditions.

MULTIPLE ENVIRONMENTS

Urban, rural, residential and highway environments or the Test Facility Track.

CUSTOMIZATION

Departments can select a left- or right-hand system. Customized for miles or kilometers and automatic or manual transmission.

SKILL TRANSFER

Simulation exercises teach basic and advanced driving skills and defensive driving techniques.

PHYSICAL FIDELITY

Recreates the sensation of driving over obstacles, uneven road surfaces and the regular pitch and roll of the vehicle.

EXTRA ENHANCEMENTS

Proprietary Recognition Stimuli Feature causes signs to enhance to increase driver's cognitive skills.

VEHICLE MODELS

Models include: Ford Police Interceptor®, Ford F-150®, Charger Pursuit®, Dodge Ram 2500® and more.

DEBRIEF/AAR

Debriefing begins automatically upon scenario completion and includes a timeline of events and student inputs.

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V-AUTHOR[®]

The V-Author program revolutionizes training by allowing instructors to create and edit scenarios customized to their agency's training objectives, thus providing more freedom and less limitation in training.

Instructors begin by uploading a panoramic image of a local location or by selecting a pre-loaded environment.

After uploading their scene, instructors can drag-and-drop characters, props, visual effects and animated targets.



Instructors can also edit VirTra's pre-assembled, pre-programmed scenarios.

Each V-Author character performs multiple actions and can be programmed to perform certain sequences when triggered by trainees, events, instructors, etc.



SYSTEM CAPABILITIES

V-AUTHOR STANDARD

Create your own scenarios by uploading panoramic images of local environments.

Includes pre-loaded background assets, props, reactive targets, still targets and special effects for “plug-and-play” scenario building.

Hundreds of thousands of variable outcomes based on the customizable assets, character reaction and trainee decisions.

Instructors with a V-180 or V-300 can program multiple threats to appear on multiple screens simultaneously to challenge trainees.

V-AUTHOR PRO

V-Author PRO includes every benefit of the V-Author Standard, *plus*:

An extra 2 days of on-site training.

Ability to create assets (in addition to backgrounds) for a completely customized experience.

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RIFLE

RECOIL KIT & MAGAZINE

VirTra's live fire conversion kits make training incredibly realistic. Convert your duty weapon into a simulation-ready weapon by removing the firearm's bolt carrier group and installing the kit - no permanent modification required. The kit supports semi- or full-auto fire.



Choose from VirTra's three magazine options. Each magazine's training benefits include:

STANDARD



- Internal CO2 Chamber
- Aircraft-Grade Aluminum

FUNDAMENTAL SKILLS



- Internal CO2 Chamber
- Aircraft-Grade Aluminum
- Supports End of Magazine Bolt Hold Open

ADVANCED SKILLS



- Internal CO2 Chamber
- Aircraft-Grade Aluminum
- Supports Instructor Initiated Bolt Hold Open
- Wireless BLE Communication
- Mini USB Charging

VirTra

LESS LETHAL: OC

Engage in chemical spray training exercises in a safe environment with VirTra's OC. Upon deploying OC, characters on-screen react accordingly, increasing the realism and training value. Close the training gap and increase less lethal practice with OC.

OC Spray

Class 1A lasers are safe under all conditions of normal use.

The training device is placed in a SABRE® MK3 to match the exact form, function and weight of an actual canister.

Re-chargeable battery with a USB charger.



The laser is mounted at the same launch angle with proper activation button pressure to minimize training scars.

Mark 3 (pictured) and Mark 9 cannister options available.

Features

Drop tested to ensure true-to-life training durability

On/Off/Low battery indicator light with automatic shut-off

USB charger for low maintenance and little downtime, extending training sessions

Weight-tested to match weight of OEM spray canisters



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LESS LETHAL: TASERS®

Law Enforcement officers can practice their less lethal skills inside the simulator through real TASERs equipped with VirTra's simulation cartridges. Upon deploying, characters on-screen react accordingly and realistically. Train like you fight with a live TASER.

V-TX2™ TASER® Simulation Cartridges

Features apply to both models

Assigns unique laser IDs to individually track and score each probe placement.

Allows ARCing engagement with two targets simultaneously. Users can re-ARC and re-engage simulated environments.

Direct drop-in replacement(s) for live cartridges in real Axon TASER X2s.



The OEM cartridge housing provides proper and form fit without modification for live TASER handles.

Equipped with proprietary V-Sense™ Smart Motion Sensor that enables automatic ON/OFF mode.

Probe allows spread to be accurately displayed like in real life, no matter distance from screen.

V-X26P™ TASER® Simulation Cartridges

Direct drop-in replacements for live cartridges in real Axon TASER X26P.

Equipped with two lasers, each angle matching the manufacturer's spread to realistically track the trajectory.

The OEM cartridge housings provide proper form fit without modification for live TASER handles.



Equipped with proprietary V-Sense™ Smart Motion Sensor that enables automatic ON/OFF mode.

Assigns unique laser IDs to individually track and score each probe placement.

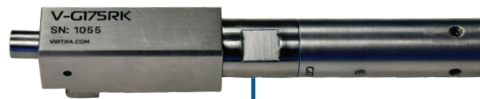
PISTOL

RECOIL KIT & MAGAZINE

VirTra's unique conversion kit design allows for easy conversion with no permanent modification required. Each pistol recoil kit is made with hardened stainless steel, providing the durability needed to handle constant training usage while operating at the correct cyclical rate.

Benefits include: increased safety in training, money saved and an environmentally-friendly form of training.

Supporting pistol types include, but are not limited to: Berretta®, Glock®, Heckler & Koch®, Sig Sauer®, Smith & Wesson® and Taurus®.



Choose from VirTra's three magazine options. Each magazine's training benefits include:

STANDARD



- Internal CO2 Chamber
- Aircraft-Grade Aluminum
- Simulates Loaded Magazine

FUNDAMENTAL SKILLS



- Internal CO2 Chamber
- Aircraft-Grade Aluminum
- Simulates Loaded Magazine
- Supports Slide Lock Back

ADVANCED SKILLS



- Internal CO2 Chamber
- Aircraft-Grade Aluminum
- Instructor Initiated Slide Lock Back
- BLE Wireless Communication
- 8+ Hours of Battery Life
- Micro USB Charging



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VirTra

ACCESSORIES

Provide advanced training sessions by running trainees through night training or dark areas requiring flashlights. These tools are equipped with industry-leading functions and features to promote skill transfer.

Handheld Tactical Training Flashlight

V-G2X™

The V-G2X is a real SureFire® G2X™ flashlight equipped with industry-leading functions and features.

V-Lux™ intelligent sensor and microprocessor-based system provide a smooth screen-to-screen transition.

Localized ground light spread for low-light training immersion.

Easily adjustable flashlight illumination, size and beam shapes for better customized training experiences.

Manufactured using OEM housing for high fidelity in training.

Ability to use multiple flashlights on multiple screens simultaneously.



Rail Mount Tactical Flashlight

V-TLR1™

X300™

The V-TLR1 is a real Streamlight® TLR-1™ and the V-X300 is a real SureFire® X-300™, both complete with industry leading functions and features.

V-Lux™ intelligent sensor and microprocessor-based system provide a smooth screen-to-screen transition.

Ability to use multiple flashlights on multiple screens simultaneously.

Easily adjustable flashlight illumination, size and beam shapes for better customized training experiences.

Lack of snap-on filters to avoid lens dropping and breaking.
Manufactured using OEM housing for high fidelity in training.

Localized ground light spread for low-light training immersion.



VirTra

ACCESSORIES

VirTra provides powerful training simulators that allow skill transfer to the field. Instructors can take these simulators to the next level through the addition of Breach Door, Non-Guns and other accessories to help trainees become better prepared for any situation.

Breach Door

Scenario begins once door has been breached, allowing for immediate immersion into the scenario.

Configuration includes: door, door frame, extended stage (V-300) and interactive switch.



Designed for use with the VirTra 300 system.

Train with different latch settings, such as: kick, heavy kick, shoulder and battering ram.

TMaR

Trainee Monitoring and Recording

The TMaR monitors and records a trainee's performance. Instructors can properly and consistently debrief by replaying every aspect of the scenario on the simulator.



Instructors and students can see, hear and analyze movements, timing and shot placements.

Other Accessories

Additional upgrade options includes, but not limited to: borderless screens, Non-Guns, elevated training platform, platform sound effects and a touchscreen tablet control system. Contact a Sales professional for more information.



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NON-GUN

VirTra's laser-based Blue Non-Gun Glock 17/22 is designed to train individuals on VirTra simulators more safely. The blue exterior signifies the training tool, which replicates the shape and weight of a real Glock 17/22 to prevent training scars.

Blue Non-Gun

Compatible with VirTra rail mount training flashlight.

SIRT Blue Non-Gun is custom made to fit VirTra's standards and training technology.

Non-gun identification consistent with many regulations (red tip) to ensure rapid identification.

Eliminates trigger jams over extended shot capabilities.

Ambidextrous usability for left- and right-hand users.

Weighted durable magazine is drop tested at six feet, making loading and reloading more reliable during training exercises.

Designed to represent trigger pull of a real weapon.

Malfunctions and empty gun simulation controlled via VOS.

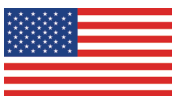


Reliable with shot testing durability at 5x more than competitors, with over 25,000 shots tested.

Other Benefits

The Blue Non-Gun is completely compatible with all VirTra Suites: V-Author, V-Sims, V-Marksmanship and V-Ballistics.

Works as an exercise for dry practice.



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THREAT-FIRE®

Threat-Fire® is an accessory that greatly enhances training by bringing real-life consequences into the simulation. This product delivers an electric impulse that simulates consequence actions, including: gunfire, explosions and dog attacks.

Adjustable: Electric impulse is wirelessly adjustable from 0.2 to 2.5 seconds

Compatibility: Fully integrated into all VirTra simulators

Enhances Training: Electric impulses add stress and consequences to training

Environmentally Friendly: Powered by a rechargeable battery pack

Lightweight: Light, durable and easily placed on the belt area, etc.

Powerful: Electric impulse can penetrate multiple layers of clothing

Safe: No eye protection necessary. Fail-safe impulse protection

Simple: No aiming required, allowing the trainer to focus fully on the trainee

Wireless: Allows freedom of movement inside and outside of the simulator. Adjustable from 50ft away



Threat-Fire requires no aiming, no cleanup and has low risk of personal injury. Unlike other forms of simulation distraction, the Threat-Fire delivers a more powerful, realistic consequence.

VirTra holds the only patent for electrical stimulation within a simulation.

U.S. Patent No. 8,016,594

U.S. Patent No. 8,267,691



VirTra Threat-Fire | VirTra.com