



**A CUSTOMIZABLE SOLUTION FOR
MODULAR SMALL ARMS RANGES**





INTRODUCING ARCAS MODULAR SMALL ARMS RANGES

From CoverSix, the go-to supplier of hardened modular buildings to the military/defense industry and Action Target, the industry leader in modern shooting ranges.





EXTERIOR FINISHES

CoverSix can design and construct modular small arms ranges with a variety of facades and finishes to match existing architecture or to create first-in-class aesthetics. In addition to the standard corrugated steel exterior walls, flat panel steel, brick and stucco options are also available, as well as options to match existing roofs.



COLOR OPTIONS

STEEL BLUE - RAL 5019



FIRE RED - RAL 3001



OLIVE DRAB - RAL 6013



GRANITE GRAY - RAL 7004

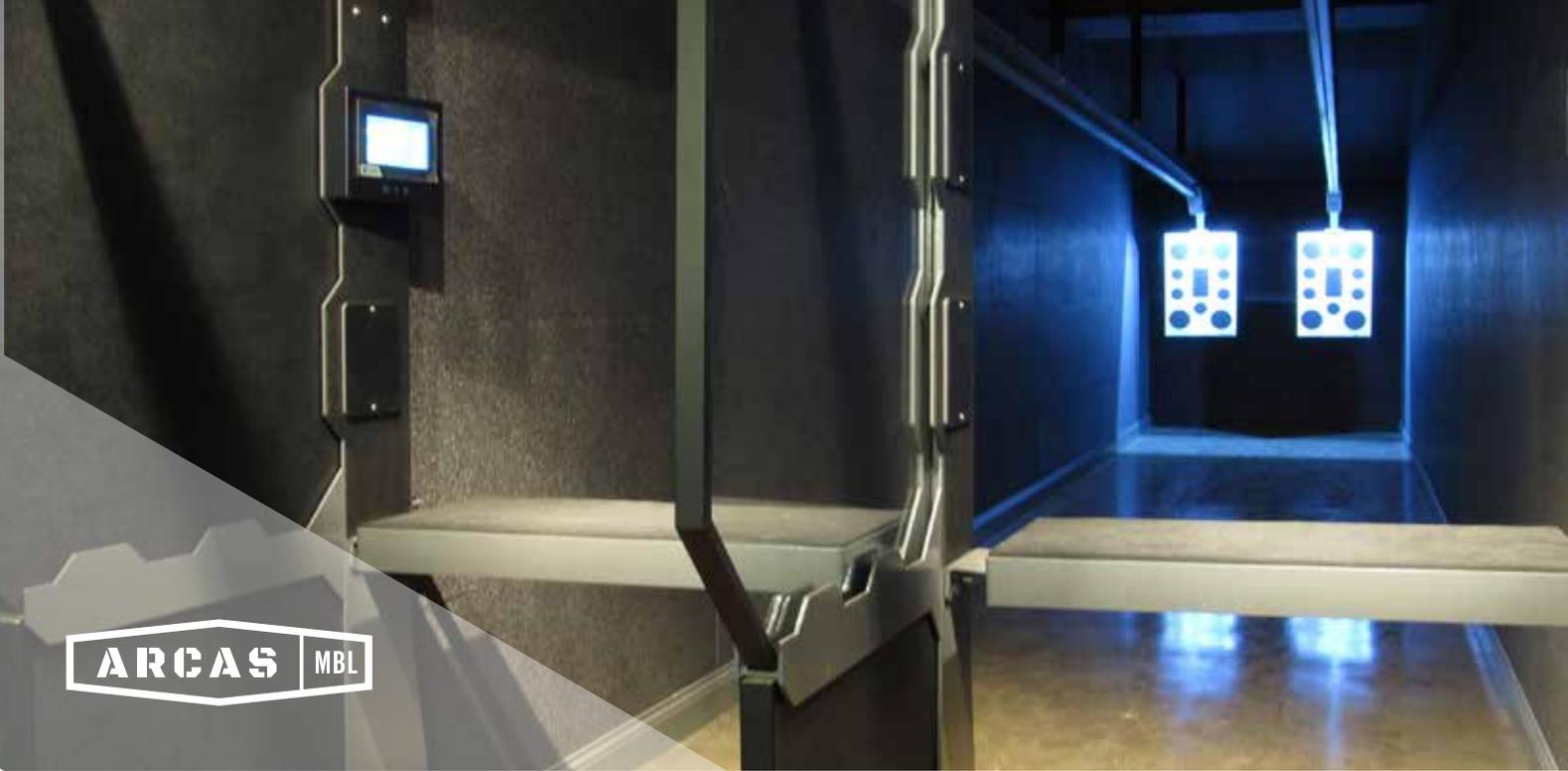


DESERT TAN - RAL 1014

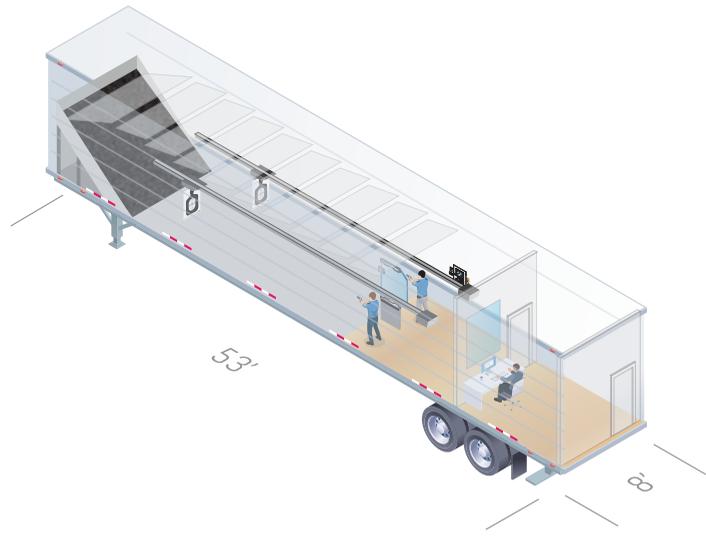


PERMAFROST WHITE - RAL 9010





ARCAS MBL



TAKE TRAINING WHERE IT'S NEEDED MOST

The Arcas MB L is a self-contained firearms training range designed for long life on the open road. At 53' long, this module is designed for compliance with US DOT regulations while maintaining the strictest ballistic and environmental standards. The onboard HEPA filtered ventilation system exceeds OSHA and NIOSH standards. Sound treatment makes the sound of training comfortable inside and out. A single Arcas MBL can accommodate up to three shooters with a 7m or 10m training distance. The dual trailer option provides up to 25m of training distance.

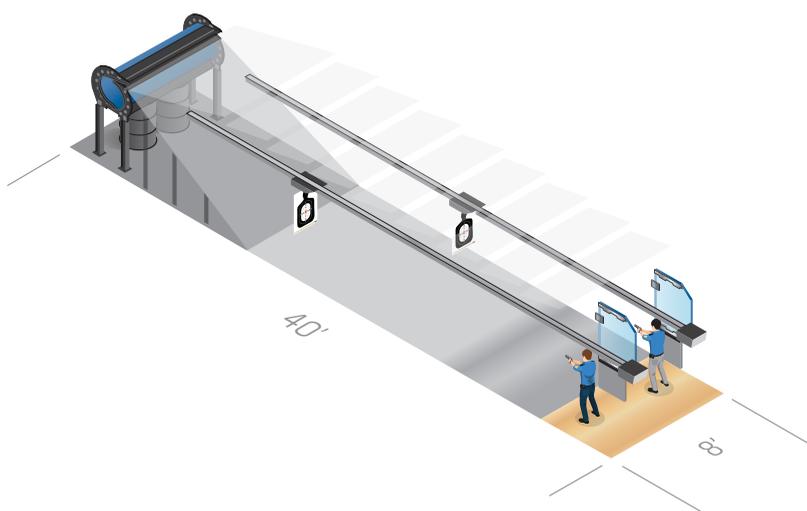


FEATURES

- 7m-25m Firing Distance
- Rifle-rated with Zero SDZ
- Integrated HEPA Ventilation
- US DOT Compliant
- Optional Range Master Room
- Rubber Berm Trap
- LED Lighting



ARCAS EXT



SINGLE AND EXTENDED MODULAR RANGE

Arcas EXT is designed to meet specific training needs. Single module and extended module configurations make it easy to achieve a range up to three lanes wide and 100m long. Each purpose-built module is made to order from new materials, never from repurposed shipping containers. This ensures incomparable quality and longevity. Standard features include floor to ceiling AR500 steel for critical coverage, steel or rubber bullet traps, target systems, advanced range control, sound treatment and range lighting.



FEATURES

- 7m-100m Shooting Distances
- Rifle-Rated AR500 Interior
- Steel or Rubber Bullet Trap
- Multiple Target and Stall Options
- Optional Control Room
- Sound Treatment on Walls and Ceiling



GET MORE SPACE WITH FEWER BUILDINGS

The Arcas DLX has turned the MSAR concept sideways - literally. This improved layout turns the modules sideways to gain more space with fewer units. Using purpose-built modules that support every component, vertical columns are eliminated to provide a truly tactical training environment. Arcas DLX modules are 12 ft. wide and up to 62 ft. long to accommodate 14 lanes of uninterrupted space. This design accommodates wider lanes and higher ceilings while meeting U.S. DoD Unified Facility Criteria (UFC) 4-179-02 for indoor small arms firing ranges and ETL 11-18 small arms range design and construction. This range delivers your specific training requirements with a suite of equipment and range technology.



FEATURES

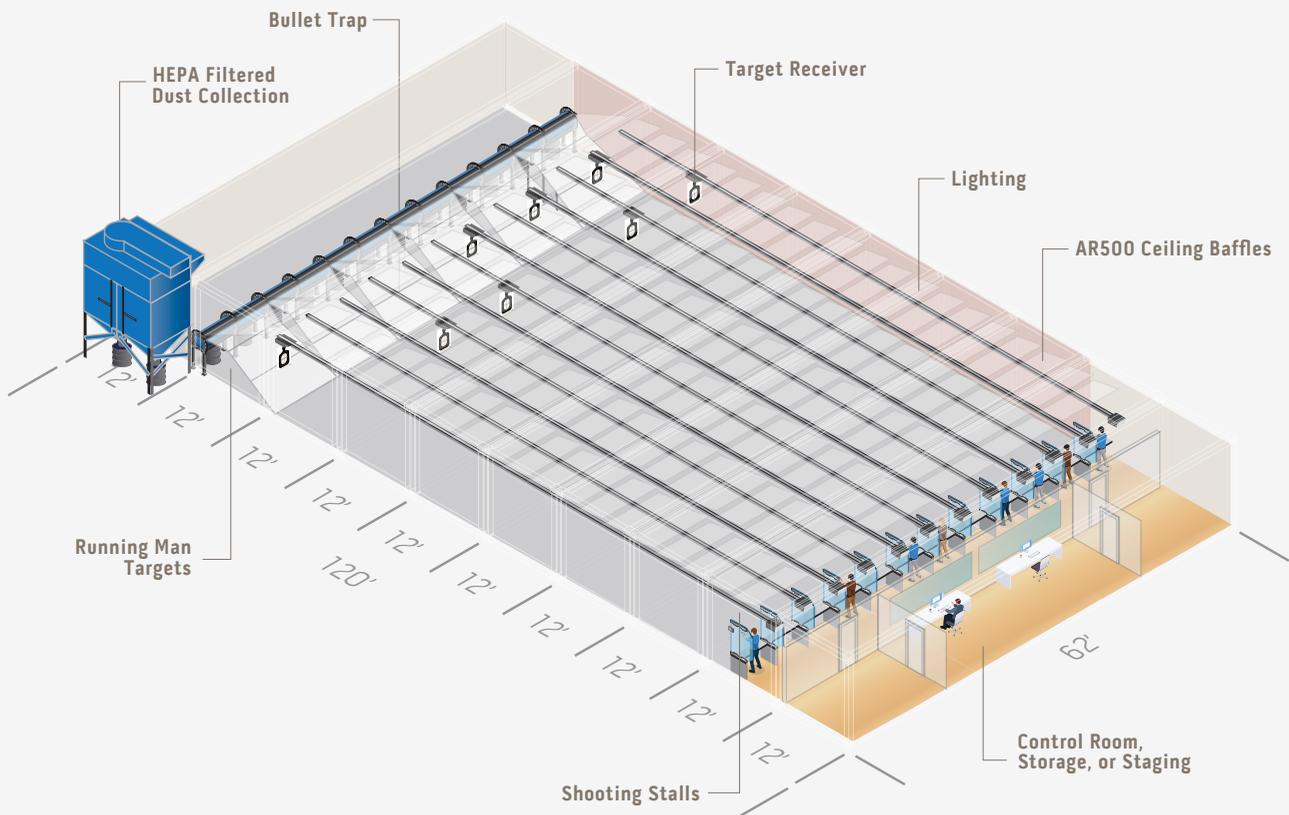
- 10' Minimum Height, and Up to 13'
- 5' Lane Width, and Up to 8' Wide
- Meets Requirements of IBC and US DoD UFC 4-179-02
- All Amenities of Traditional Construction Available
- Lower Transportation and On-site Assembly Costs
- Full Ballistic Containment
- 25 Year Design Life





MODULAR RANGE BENEFITS

With modular construction, you never have to worry about on-site downtime. Arcas ranges are built offsite, in our own production centers, and then delivered and installed on your site - making them faster and less expensive than traditional builds. Once delivered, projects can be assembled and commissioned in weeks, rather than months or years. Their rugged construction, with exterior steel side walls, are designed for safety.





FEATURES

TOTAL CONTAINMENT TRAP

BALLISTIC CONTAINMENT

Safety baffles ensure errant bullets can't escape to the outside, providing ballistic protection to lights, pipes, ventilation ducts, and the building structure, while also delivering sound abatement, and a polished, professional appearance to the range. Baffles are specifically placed to provide critical coverage with ZERO surface or vertical danger zones. We use combinations of 1/4-inch, 3/8-inch and 1/2-inch AR500 steel on floors, ceilings and walls to safely contain small arms projectiles. An array of fascia options are available for the ballistic containment surfaces.



SURESTOP™ RUBBER



PEPP



ACOUSTIC TILE



CONCRETE FILLER BOARD

Ballistic Rating	Caliber Rating	Maximum Velocity	Maximum Energy
ATI Class 1	Pistol	1,485 fps	1,175 ft/lbs
ATI Class 2	Rifle	3,388 fps	3,600 ft/lbs

Typical Pistol Ammunition		Maximum Velocity	Maximum Energy
.22LR	40gr HP	1,060 fps	100 ft/lbs
9mm Luger	124gr FMJ	1,293 fps	460 ft/lbs
.357 Mag	158gr JSP	1,375 fps	663 ft/lbs
.40 S&W	180gr TMJ	1,000 fps	400 ft/lbs
.45 ACP	230 gr TMJ	845 fps	365 ft/lbs
.44 Mag	240gr SWC	1,485 fps	1,175 ft/lbs

Typical Rifle Ammunition		Maximum Velocity	Maximum Energy
.22LR	40gr HP	1,260 fps	141 ft/lbs
5.56x45mm NATO	55gr FMJ	3,388 fps	1,402 ft/lbs
7.62x51mm NATO	150gr FMJ	3,025 fps	3,048 ft/lbs
.308 Win	150gr SPTZ	2,900 fps	3,360 ft/lbs
300 Win Mag	190gr BTHP	2,900 fps	3,548 ft/lbs

The maximum velocity and maximum energy values for the above pistol and rifle ammunition are provided for example purposes only and are not all inclusive.

.50 BMG CONSIDERATIONS

The ATI Class 2 (Rifle) rated version can handle .50 BMG rounds; however, due to the powerful nature of this round, certain factors need to be considered related to the life expectancy and maintenance of the Total Containment Trap.



HVAC

FEATURES

VENTILATION



RECIRCULATION



PURGE

We provide the industry's best ventilation systems that exceed environmental standards. We offer a complete package of integrated controls, air filters, and maintenance to ensure that the facility and the surrounding area are protected from the health concerns associated with lead exposure and other airborne toxins found in indoor ranges. All our innovative ventilation system designs exceed NIOSH, EPA, and OSHA air quality standards, and are fully customizable to each particular range installation.

BULLET TRAPS



RUBBER BERM TRAP

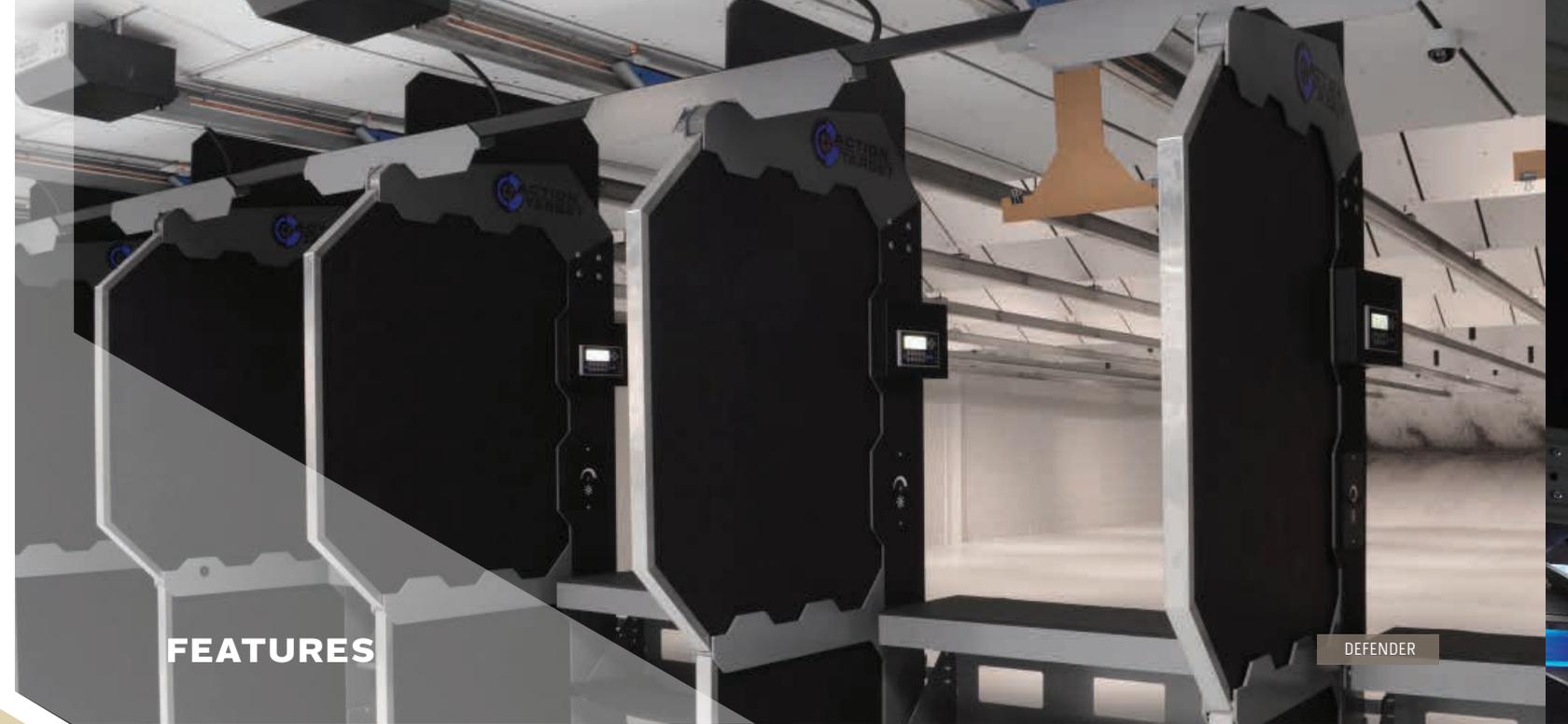
Our bullet traps are proven to stop bullets safely, reliably, and consistently in all conditions and for all calibers appropriate to your shooting and training needs. The industry-leading steel Vortex™ Trap decelerates bullets while making collection convenient. The innovative Rubber Berm Trap is clean and cost-effective, capturing projectiles whole and intact. Both options can be incorporated into any range.

RANGE LIGHTING



LIGHTING

Lighting makes all the difference to the atmosphere and enjoyment of a shooting range. We've worked with lighting experts, range designers, and engineers to create a perfect lighting solution that includes adjustable brightness, ideal temperature, and optimal arrangement.



FEATURES

DEFENDER

SHOOTING STALLS

We offer the most diverse shooting stalls with the highest safety ratings and most customizable options. Independent ballistic testing and advanced designs ensure that shooters stay safe and comfortable in your range. Various color options, attachable accessories, interchangeable ballistic panels, and multiple table options are available to customize your range and create the ideal shooting experience. Available options provide ballistic ratings including UL 752 Level 3, 5, 7, 8, 9, 10 and European equivalents EN1063 BR4 (S), BR5 (S).



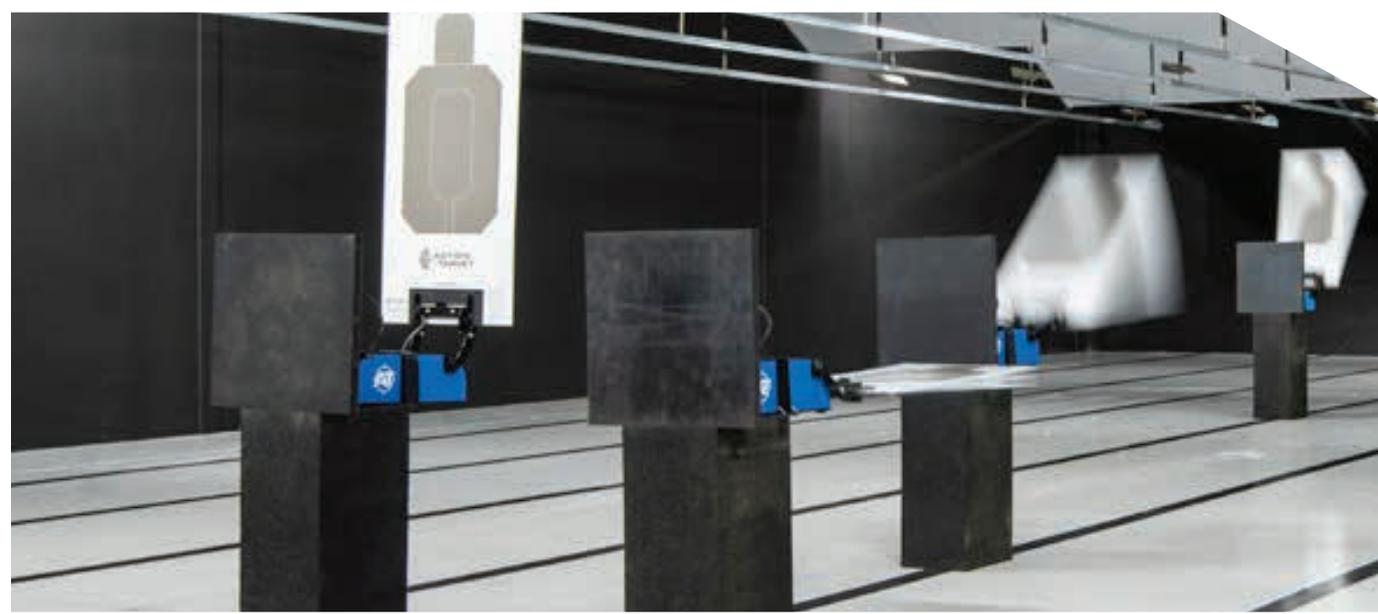
GUARDSMAN



FEATURES

TARGET SYSTEMS

When it comes to range technology, we can help you create a dynamic, tactical training system. The Arcas Modular Small Arms range can be equipped with your choice of industry-leading training systems including the Genesis™ and Pilot™ target retrievers, Fixed Lateral 360 degree turning targets, DRM Pro™ Running Man System and reactive AutoTargets™. These technologically advanced systems are designed to make your range time more efficient. You can experience reactive training like never before with systems that enhance the shooter experience and give you a wide array of training scenarios.



AUTOTARGETS



SMARTRANGE AXIS™



CONNECTIVITY

SmartRange Axis provides a central control point for range equipment including Genesis and Pilot target retrievers and ventilation. Integrated features streamline training and range operation. In addition, SmartRange Axis can be connected to an optional cloud system for remote updates and service.

UNIQUE PERMISSIONS

User profiles are created by ranges and assigned to shooters at check-in. Each user profile carries unique permissions for program access and editing, lighting control, and equipment features. This allows ranges to tailor each session based on the criteria such as range staff roles, membership level, etc.

PROGRAM CREATION

Build dynamic programs and organize them by folder. Control exposure time, edge time, and cycle count. Or establish random parameters for a truly unpredictable and challenging training session.

LANE MANAGEMENT

SmartRange Axis' Lane Management is second to none, offering the ability to enter shooter's names, assign unique permissions, and designate lane time limits.

LANE TIME

Assign a specific amount of time to a shooter. Once they are in their lane and begin their session, the lane starts counting down. When their session ends, the carrier automatically returns home. Need more time? SmartRange Axis' Lane Management Tool allows range staff to easily add more time to a lane session.

RETRIEVER CONTROL

Take control of one or multiple lanes with SmartRange Axis' Retriever Control. This allows trainers and staff personnel to manually control or run programs and time drills in sync across multiple lanes.

TIMED DRILLS

Set up and execute timed drills with customized target exposure times, cycle counts, and retriever speed for training qualification.

MAINTENANCE & CLEANING PROGRAMS

Let our experts keep your range running. We offer a number of maintenance plans to ensure your range stays running optimally. Customized to your specific range needs, these plans include parts, maintenance, range cleaning, and staff training.

RANGE VISITS

We work with you to build a plan that determines the appropriate number of annual visits your range requires. These visits include a number of specialized services to keep your range running at peak condition.

Product Inspections: Our technicians thoroughly inspect your range products for wear and assess necessary service and maintenance protocols.

Product Servicing: Any products in need of service are taken care of on-site. Be it electrical, pneumatic, or physical, our technicians have the skills and knowledge to restore equipment operation.

Preventative Maintenance: Keeping your products in working order is preferable to fixing problems. Our technicians perform necessary preventative maintenance such as greasing, tensioning, and filter replacement.

Staff Training: When our technicians are on-site, they are available to provide ongoing equipment training for your staff.

RANGE CLEANING

With staff and client safety as our top priority, we provide cleaning services to help you maintain a safe and sanitary range.

General:

- HEPA vacuum:
 - Vents.
 - Floor and walls.
 - Ceiling and wall baffles.
 - Target retriever tracks.
 - Shooting stall soft surfaces.
- Maintain and clean your HEPA vacuum, including filter changes as needed.
- Wet wipe shooting stall hard surfaces.
- Clean shooting stall glass.
- Remove, replace, and properly dispose of air filters.

Steel Bullet Traps:

- Gather and dispose of bullet fragments, bullet jacket fragments, and other debris.
- HEPA vacuum:
 - Exposed surfaces.
 - The area behind the trap.
- Remove lead ingots and accumulation.

Rubber Berm Trap:

Remove rubber from the trap.
Separate and dispose of lead and other debris.
Place rubber back on the trap.
Apply fire retardant.

RANGE MAINTENANCE

We provide resources to help you maintain your range, like maintenance schedules and operation/maintenance manuals. We ensure you are prepared to properly care for your equipment.

Protect Your Warranty: Performing all required maintenance is key to keeping your equipment under warranty. A regularly scheduled maintenance plan with trained technicians is the best way to ensure this happens.

Save Time: Many range operators simply don't have the manpower, expertise, or time to keep their equipment properly maintained. When lack of maintenance leads to equipment failure, critical operating time is lost. Whether your range is a training facility or a commercial operation, a maintenance plan will help you focus your time on the important business of running your range.

COVERSIX™ PRODUCTS

Visit CoverSix.com for more info.



ARMORIES

Armories are custom-built to meet mission-specific needs. They can be outfitted with amenities to include shelving, weapons racks, counter tops, HVAC, explosion-proof lighting, clearing bullet trap, etc. They are designed to meet or exceed the requirements of ATF and the DoD specifications.

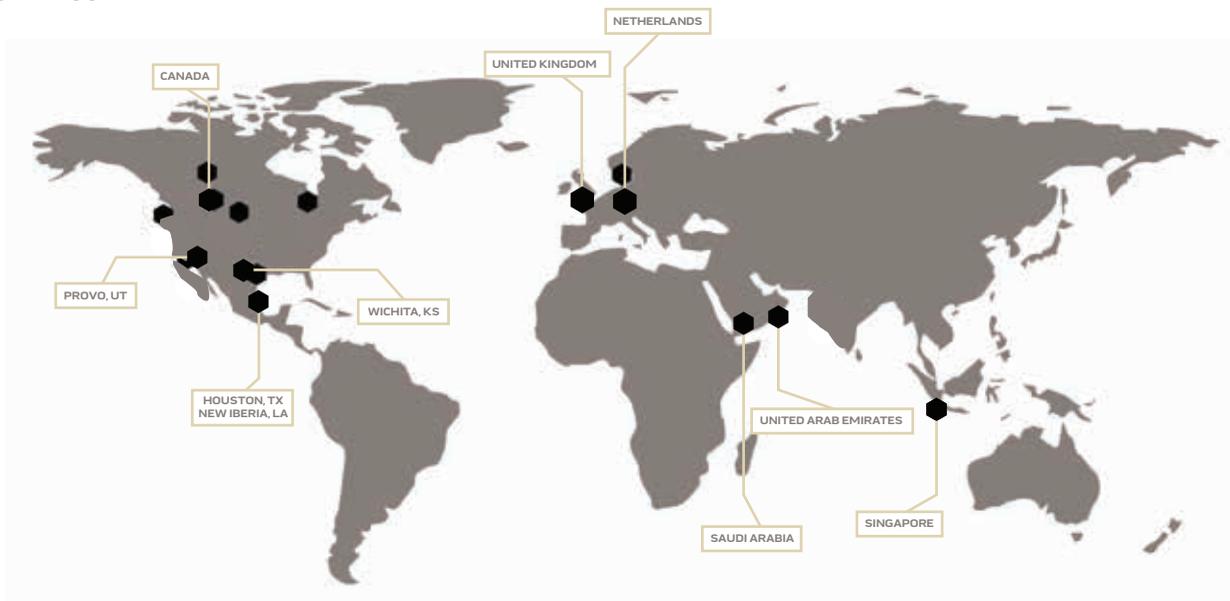
SKILLS HOUSES

This 'non-lethal' training tool is designed for a variety of training requirements, like adaptive urban assault, building search and clearing, urban climbing, method-of-entry and simulated force-on-force training. We've created a realistic training environment that is critical to developing the confident and conditioned responses needed by soldiers and first responders.

VIEWING BUNKERS

Our viewing bunkers provide a shelter cover on explosive ranges that is resistant to shrapnel, a perfect viewpoint for protected observation to monitor training. Our viewing bunkers are both blast-resistant and resistant to an array of different caliber ballistics and simunition.

OUR GLOBAL FOOTPRINT



CONTACT INFORMATION

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