



GUARDIARIS

Train The Brain.



MTC

MOBILE TRAINING CENTER



UNLIMITED
MOBILITY



PATENTED
LASERLESS
TECHNOLOGY



SMALL ARMS
AND ANTI-TANK
WEAPONS



EXPANDABLE
HYDRAULIC
TRAILER



STRUCTURAL
INDEPENDENCE



IMMEDIATE
DEPLOYMENT
FUNCTIONALITY



MULTIPLE LOCATIONS. MULTIPLE TEAMS. ONE TRAINING SOLUTION.

- Fully portable, advanced military training solution
- Quick setup in less than one hour at any location
- Individual or squad-based marksmanship and tactical training
- Wide array of supported weapon types
- Powered by the GUARD™ 3D image generator
- Vital signs monitoring and performance tracking
- Structurally independent and energetically autonomous
- Fully air-conditioned with air, sand, and smoke filtration
- Robust, durable and expandable hydraulic trailer
- Immersive sound and perfect visual fidelity

The Mobile Training Center is a unique, standalone solution featuring our advanced Small-Arms Mobile Trainer (SAMT™) packed into a portable and expandable hydraulic trailer ready for field deployment anywhere in the world. By bringing the training facility to the trainee, it unlocks unparalleled training capabilities and enhances troop mission readiness.

■ DIVERSE TRAINING

The Mobile Training Center features our flagship laserless small-arms training solution, the SAMT™. It provides comprehensive training with small arms and anti-tank weapons for individuals or squads within a highly realistic synthetic environment. Trainee movement remains unconstrained thanks to the SAS module, our in-house developed LED-based laserless weapon positioning solution.



Scan the code to learn more about SAMIT™:



TRAINING AREA AND STORAGE

The expandable trailer features a state-of-the-art LED wall display and sound floor designed to produce haptic feedback and elevate the immersion. Depending on the individual configuration of the MTC, reactive covers can be placed between the screen and the sound floor for additional training diversity.

A protected storage room, along with a workbench and weapon racks, is situated near the entrance to the trailer for convenience. The trainees equip themselves and get ready here before entering the training area.

LIMITLESS MOBILITY

With the ability to be towed by a standard truck, the MTC is designed for quick deployment in any location. With all training equipment pre-installed in the hydraulic trailer, the solution can be set up in less than one hour. After use, the trailer folds back to its standard size, allowing easy storage or transport to the next training destination.

INSTRUCTOR STATION

The instructor station sits adjacent to the training area, giving the instructor full real-time control over the training scenarios and providing comprehensive analytics through the GUARD™ control panel. Instructors can thus monitor the trainees' performance and provide instant feedback even during an exercise facilitated by the After-Action Review.

STRUCTURAL INDEPENDENCE

The MTC is a structurally independent solution powered by an internal generator with the ability to also connect to an external power source, ensuring full operability in all conditions and diverse environments.

COMFORT

Training in the MTC is about honing marksmanship, tactical, and other mission-critical skills in the most effective way. Air conditioning, dust, and smoke filtration systems allow for diverse training with a wide range of weapons, including using blank ammunition.

UNPARALLELED TECHNOLOGY

GUARD™ SIMULATION TECHNOLOGY

Guardiaris offers an in-house developed all-in-one simulation environment powered by the GUARD™ image generator. Featuring fast on-demand terrain generation based on real-world terrain data, quick tactical and marksmanship scenario creation, full building destruction and multi-level vehicle vulnerability models alongside exactly calculated ballistics, it provides diverse training possibilities in highly realistic and immersive environments.

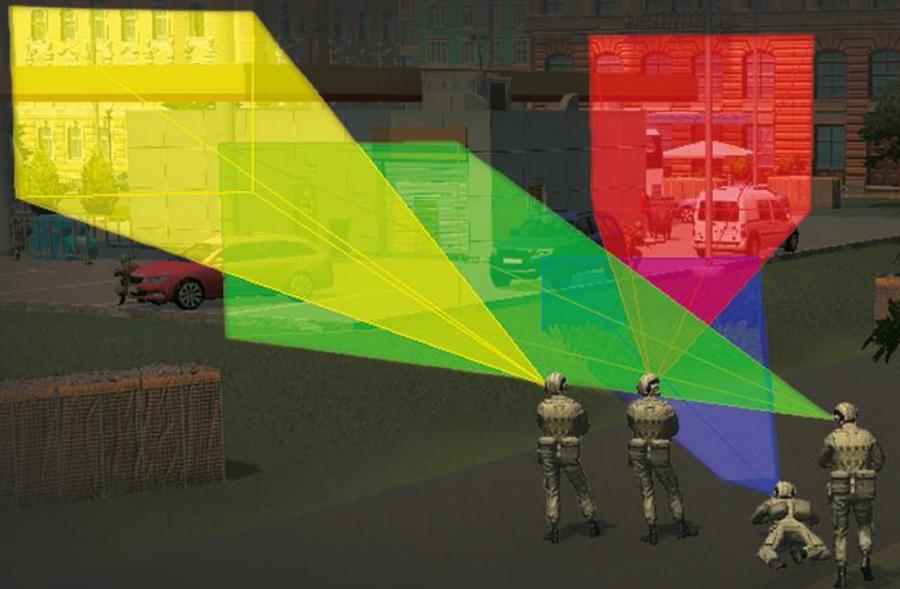
COMPREHENSIVE AFTER-ACTION REVIEW

The After-Action Review (AAR) ensures fast training data collection, filtering and aggregation for comprehensive post-training analysis on the individual or squad level. The AAR also provides insight into the trainee's first-person view, which includes visual feedback of weapon handling and tracking of operations executed during training.

SAS MODULE

Training in the MTC leverages laserless technology, enabled by our in-house developed SAS module. Mounted on the Picatinny rail or installed inside of any modified real weapon or weapon replica, it ensures any weapon type or device (e.g., helmet) can be used in our training environment.

The SAS module supports precise training analytics by gathering real-time information and feeding it into our After-Action Review. The data is instantly available for quantitative analysis and personalisation of training.





ALL-IN-ONE TRAINING PLATFORM

Guardiaris products aren't just standalone tools – they can form a larger training platform designed for complex tactical training by combining various simulators in a joint synthetic environment. Connect small arms, anti-tank weapons, military vehicles with remote weapon stations, and portable air defence systems in one tactical scenario.

Fully compatible indoor, outdoor, and mobile Guardiaris' trainers:

- **SATT** - SMALL ARMS TACTICAL TRAINER
- **SAMT™** - SMALL ARMS MOBILE TRAINER
- **MMVT** - MODULAR MILITARY VEHICLE TRAINER
- **MATS** - MANPATS TRAINER
- **MAAT** - MANPADS AND AIRCREW TRAINER
- **IMOT** - INDOOR MORTAR CREW TRAINING
- **AFOT** - ARTILLERY FORWARD OBSERVER TRAINER



HLA INTEROPERABLE

Our simulators have an interoperability option, allowing seamless connections with external simulator systems.

GET IN TOUCH

Contact us for detailed MTC technical specifications and customization possibilities.

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