# GUARDIARIS
## Train The Brain.

# SATT

## SMALL ARMS TACTICAL TRAINER

**VEHICLE AND RWS AGNOSTIC**

**FULLY CUSTOMIZABLE**

**INTERIOR REPLICA**

**FULLY IMMERSIVE**

**ENVIRONMENTAL FEEDBACK**

**DATA RECORDING**

# KEY FEATURES

- Patented laserless technology

- Full shooter immersion under true-to-life conditions

- Completely weapon agnostic capabilities

- Full freedom of trainee's movement

- Projection Area with multiple configurations

- Exact ballistics for all weapon types

- Comprehensive 4D After-Action Review

- Seamless integration with other simulator types: RWS, any vehicle simulator, mortar, forward observer, etc.

- HLA interoperable
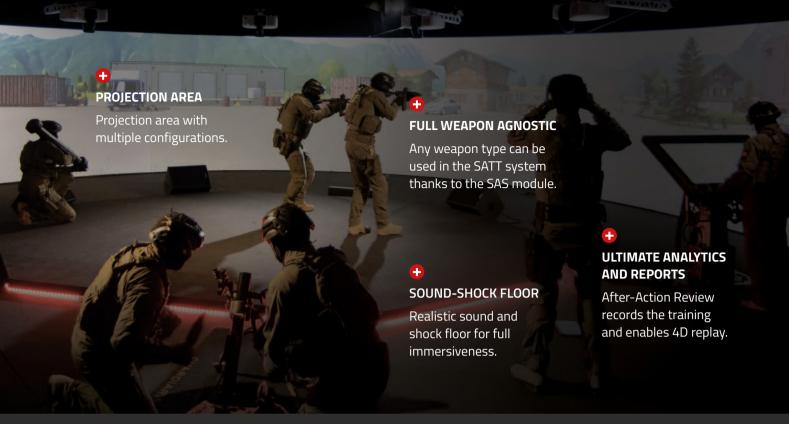
### MARKSMANSHIP AND TACTICAL SQUAD TRAINING

Comprehensive marksmanship and tactical training can be performed with small arms and light weapons on an individual or team level. Soldiers can perfect their skills within an infinite array of scenarios in a synthetic environment that accurately recreates actual battle-field conditions, that promises limitless training diversity.

### FULLY IMMERSIVE TRAINING REALISM

High-fidelity 3D visual and surround aural stimulus corresponding to each training scenario is coupled with a special sound floor that emulates physical shock factors of real battlefield situations, enabling soldiers to experience unmatched realism. Bringing the stress of real situations to training significantly increases its complexity.

### LASERLESS FOR TOTAL SOLDIER MOBILITY

The SAS module is a unique solution featuring unprecedented freedom of movement. It ensures the exact weapon position, orientation and shooter movement tracking in real-time. The unrestricted changing of positions significantly enhances training authenticity.

**PROJECTION AREA**

Projection area with multiple configurations.

**FULL WEAPON AGNOSTIC**

Any weapon type can be used in the SATT system thanks to the SAS module.

**SOUND-SHOCK FLOOR**

Realistic sound and shock floor for full immersiveness.

**ULTIMATE ANALYTICS AND REPORTS**

After-Action Review records the training and enables 4D replay.

A game-changing modular multi-purpose indoor training solution.

# PATENTED SAS MODULE

The SAS module records real-time precise information on weapon motion in 6 degrees of freedom (DOF), shooter weapon handling, and exact trigger and shot detection in combination with time tracking. Data is instantly available for quantitative analysis, After-Action Review and training personalization.

**EXACT BALLISTICS FOR ALL WEAPON TYPES**

A large database of environments and objects provides soldiers with a highly immersive environment where ballistics are calculated accurately for every weapon and projectile type.

**COMPLETE WEAPON AGNOSTIC**

Mounted on the Picatinny rail of any modified real weapon, weapon replica, or installed inside a weapon replica, the SAS module ensures any weapon type or device can be used in the SATT.

**CONSTANT TRAINEE AND WEAPON PERFORMANCE MONITORING**

Instructors can monitor soldiers' performance in real-time and provide feedback even during an exercise. A database enables fast data collection, filtering and aggregation for comprehensive analysis and After-Action Review..

# 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 SATT technical
specifications and customization possibilities.

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