

Gladiator Modular Tactical Vehicle Training Equipment

Saving lives. With effective, realistic training.



Together
ahead. **RUAG**

Gladiator Vehicle Live Simulation Equipment

Your mechanized infantry units and armored fighting vehicles, are crucial strategic assets, and key to your mission success. Ensuring readiness and top performance in both military exercises and true combat situations requires reliable, effective, and realistic training for your personnel and the vehicles they operate. Our proven, Gladiator Live Simulation Vehicle Equipment solutions are the optimal choice for matching your training goals with a highly realistic environment. Modular by design, and interoperable with international standards, you and your team are able to tailor the Gladiator Live Simulation Vehicle Equipment to your own training expectations. Your units train safely and at the highest quality available while also keeping within your given budgetary guidelines.



Selecting quality and know-how at every level of training fidelity

Success in modern, mechanized combat environments requires highly realistic training – training fidelity – for the mechanized infantry units and their armored fighting vehicles. Creating real combat scenarios where actual vehicles are used in live simulation is crucial, preparing units and their commanders reliably and effectively.

Gladiator Live Simulation Vehicle Equipment is based on this approach to high quality, high training fidelity. Yet, the Gladiator system remains cost-efficient due to its modular design. You determine the level of training fidelity and integration that suits your training and readiness goals, and then you decide which modules you need to achieve the most effective tactical training for your units and their commanders.

Integrate and regulate centrally

Gladiator Vehicle Control Equipment components, the central command of your live simulation system, track your simulated exercises from planning through to the final review. Vehicle system components attach directly to your mechanized and armored vehicles, measuring results as your units operate and fire on specified locations in out-bound and fire-and-forget simulation scenarios. Officers hone their command skills and units practice fulfilling orders and improving input accuracy skills. Necessary Gladiator Vehicle Equipment includes:

- Control Unit
- Hub – Control Unit
- Interface – Fire Control System

Hit sensor equipment for feedback and flexibility

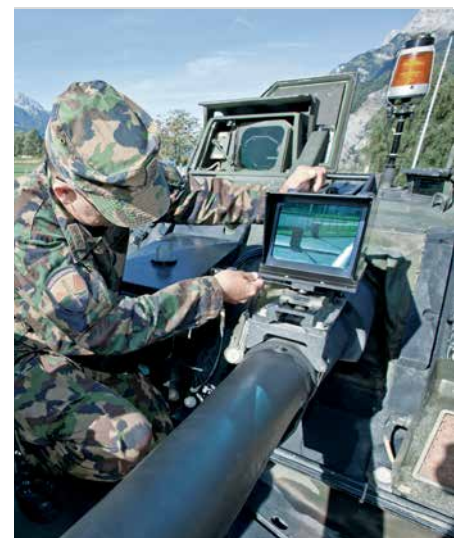
Your training fidelity relies on access to real-time feedback so your units can respond and perform effectively. Gladiator Vehicle Sensor Unit equipment is attached to target infrastructure. It simulates the effect of ballistics on the targets and activates Effect Indication Equipment devices. Overall affordability is improved by the easy retrofit to existing one-way sensors to achieve two-way training fidelity. Equipment for achieving two-way training fidelity include:

- Sensor Unit
(cable based or in wireless variant)
- Sensor-Reflector Unit

Enhancing sensory feedback improves training fidelity

Gladiator Vehicle Equipment provides you with the option of ramping up training fidelity with sensory response modules to live, see, and feel the effect of success. What better way is there of knowing if a simulated firing exchange has been successful, than to see the flash of light or the smoke where the incendiary ammunition hit, or even to follow the tail of the tracer making its way towards its mark? Straightforward and interoperable with existing simulation equipment, these Gladiator Vehicle Equipment modular upgrades enhance your training experience, yet still ensure you have the flexibility you need to remain within your budgetary guidelines. The sensory experience includes:

- Effect Indication Unit – Sound & Light (Active Speaker/Flashing Light)
- Effect Indication Unit – Smoke & Pyro
- Effect Indication Unit – Tracer
- Effect Indication Unit – Sound





Real-time feedback for real-time response

Your training fidelity relies on access to real-time feedback so your units can respond and perform effectively. Transmitting data and graphical analysis to command, officers, and crews while they are simulating live combat is crucial for keeping the units informed on the accuracy of their performance and their response flexibility. Modular options are available to support these goals and facilitate training in corrective maneuvers:

- Data Transponder Unit – Vehicle
- Data Transponder Unit – Crew Compartment

Emphasizing successful live simulation

Training preparation is essential. Yet it is heavily dependent on personnel and time, as well as having the correct equipment for the right task. Streamline your efforts so your team is able to focus on the task at hand – safe and effective high fidelity training. Reduce workload with additional Gladiator Vehicle Equipment:

- Interface – CAN PAN
- Battery Charger
- USB Key Dongle
- Cable Set
- Transport & Storage Box

Weapon simulators and ballistic simulation

Weaponry is essential to any tactical engagement and is a requisite for effective live simulation. The Gladiator Vehicle Equipment system ensures you have modular options for realistic weaponry simulation:

- Emitter Unit – Main Gun
- Emitter Unit – Machine Gun