

# Enhance mission readiness through realistic Force-on-force Training



Ensure your defence and security forces are ready for their next mission. GLADIATOR™ Body Equipment by RUAG integrates cutting-edge technology to match your training goals, enabling your teams to safely come face-to-face with the realities of tactical conflicts even before they have seen see live action.

The harnesses of the tactical helmets as well as various body zones are fitted with an integral mesh of sensors and decoders to create a personal network. It receives and registers incoming laser shots and immediately displays the effects with vibration, light and sound to support full situational awareness. Our systems enable you to apply established tactics, techniques, and procedures to test them in realistic scenarios. Further, they are significantly raising the level of fidelity in your live training exercises and honing the instincts and operative skill sets requisite for your mission success.

## Maximum Combat Agility Dynamic Firefight Training

The ergonomic flexible-fit design of the harnesses ensures the interference-free connection to various plate carrier protection systems to provide maximum combat agility. Weighing less than 1.15 kg, GLADIATOR™ Body Equipment offers dynamic training solutions that allow trainees to shoot, move, and communicate as usual without interfering any tactical equipment or weapon handling.

## Precise Laser-Shot Detection Effective Marksmanship Training

Due to the highly accurate shot simulation and precise detection of the hit position, over the full range of weapons engagement distances, the trainee is forced to apply principles of the marksmanship to obtain the correct usage of force and to avoid collateral damage. This optimally prepares them for the realities of today's battlefields and combat techniques.

## Dynamic Vitality Simulation Lifesaving TCCC Training

The degree of wounding depends on the calibre of the bullet, the fragmentation, and explosion effects, as well as on the simulated protective equipment and the previous state of vitality. Full combat scenario integration is augmented by blood loss simulation for the training of Tactical Combat Casualty Care (TCCC), from first-aid stabilization through to triage and evacuation procedures under time pressure, prepared to save lives.

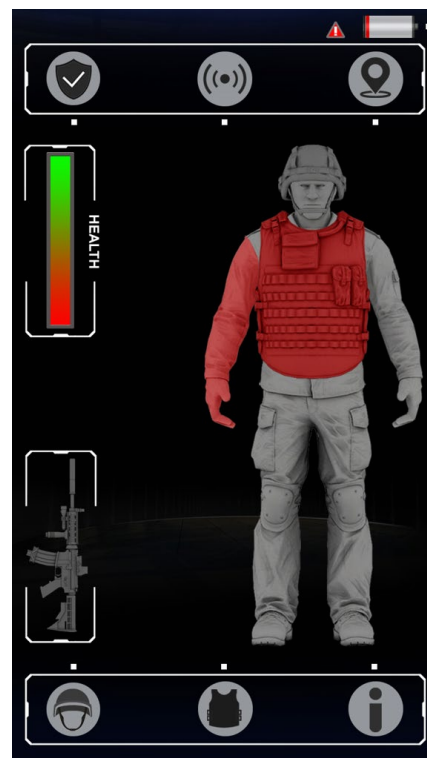
## Modular Upgrades – Combined Arms Training

GLADIATOR™ Body Equipment can be combined with other GLADIATOR™ simulators at any time:

- Sniper rifles, squad weapons
- Machine guns, grenade and rocket launchers
- Electronic blanks systems
- IEDs and suicide bombs
- Vehicles with board-weapons
- Tracking and data-transponder devices
- Exercise Control (EXCON) Software Suite
- Virtual area-weapon & NBCR effects

### Standard product features

<b>Fit design</b>	Ergonomic flexible-fit (MOLLE attachment)
<b>Hit indication</b>	Sound, hit-light torso, hit-light helmet, vibration torso
<b>Hit zones</b>	Head, upper torso, lower torso, arm left/right, with optional sensor straps: upper leg, lower leg
<b>Simulated ballistic protection</b>	Helmet, plate carrier (incl. extensions to arms, legs, abdomen) NIJ II-IV
<b>Simulated vulnerability</b>	Dynamic vitality system with platinum 5 minutes and golden hour timer + triage decision simulation, 5 vitality levels: live, slightly injured, injured, badly wounded, kill
<b>Weapon/equipment pairing</b>	Automatic (NFC)
<b>Connectivity</b>	BLE, NFC, USB, legacy PAN
<b>Localization</b>	Integrated GNSS module
<b>Maintenance</b>	App based maintenance + configuration management
<b>Weight</b>	< 950 gr Sensor Unit – Body (w/o batteries) < 200 gr Sensor Unit – Helmet (w/o batteries)
<b>Battery type</b>	AA batteries
<b>Autonomy</b>	120 hrs/240 hrs (battery extension)
<b>Laser class</b>	Eye-safe laser class 1
<b>Laser codes</b>	COSIM, U-LEIS, Optional: OSAG 1/2, MILES, GDI, REACT
<b>Dust and waterproof</b>	IP67
<b>Robustness</b>	Mil std 810H



Mobile-Device Status-App for AAR support

