



ARMORED VEHICLE REMOTE CONTROLLED FIRING SYSTEMS TRAINING SIMULATOR

REALISTIC, MEASURABLE, AND
SAFE SHOOTING TRAINING.

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Simsoft Remote Controlled Firing Systems Training Simulator is a high-fidelity simulation solution developed to provide training on remotely controlled weapon systems and turrets used on armored vehicles under conditions that closely resemble real operational conditions.

The system allows gunners to conduct individual or coordinated training in firing, target acquisition, target tracking, and engagement in a safe, repeatable, and measurable environment.

Realistic Heavy Weapon Replicas

- Identical weapon replicas for remotely controlled weapon systems
- Realistic trigger, aiming, and stabilization behaviors
- Support for different weapon and turret configurations
- Daytime TV vision, thermal vision, plarite (Black Hot, White Hot), laser rangefinding, and standard military symbology capabilities

Wide Field of View

- Multi-screen visualization up to 180°
- High resolution and low latency image generator
- Day/night and different weather conditions
- Thermal and IR/FLIR sensor simulation

Realistic Control Equipment

- Identical interfaces to real weapon control panels
- Joystick, button and screen simulation
- Ergonomic and user-oriented design
- Operation in accordance with real system procedures

Coordinated Firing

- Integrated structure with heavy weapons and turrets
- Simultaneous and coordinated firing scenarios
- Team-based training with crew and multiple simulators
- Tactical target sharing and mission coordination

Instructor Console and Measurement-Evaluation

- Scenario creation and management software
- Real-time performance tracking
- Shooting accuracy and reaction time analysis
- Recording, replay and reporting

Modular and Scalable Architecture

- Adaptable to different armored vehicles and weapon
- Desktop, cabin, or full mission configuration
- Integration into existing training infrastructures
- Domestic and national technology infrastructure



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