



# Remote Weapon Station Desktop Trainer

InVeris Training Solutions' Remote Weapon Station (RWS) Desktop Trainer is fully compatible with the existing US Army Stryker fleet, Embedded Training system capabilities and adaptable to numerous OEM remote weapon stations.

The RWS Trainer simulates all functions of a live weapon station while providing for crew training practice and improvement of gunnery skills for Commander, Gunner and Driver stations..

InVeris' RWS provides a realistic, synthetic 3D environment and state-of- the-art visual effects and sounds, enabling the crew to perform tasks, drills, and procedures while manipulating actual weapon hand controls and replicated weapon control interfaces.

The trainer comes pre-loaded with multiple terrain databases and a wide selection of targets, including enemy forces, friendly forces and civilians

The multi-functional InVeris RWS Trainer features:

- Replicated full behavior and operation of the Gunner and Commander Panels using a touchscreen interface and display, including:

- All lamps and switches
- Platform power, platform modes and stabilization
- Fire Inhibit zones and deck clearance
- Mast operations
- Commander safety overrides



*Optional Detachment Commander Station*

- Replicated behavior and operation of the Target Acquisition System:
  - Power, menus and symbology
  - Auto Target tracking and guidance
- A realistic 3D simulated environment, providing multiple terrains and weather effects
- Large scale terrain databases (pageable terrains)
- Progressive training, ranging from beginner to expert, with courses for sustainment training
- Real time performance feedback to the gunner through tabulated and scoring data, providing mandatory progression to the next training level
- Pre-programmed and instructor initiated weapon malfunctions
- Simulated vehicle intercom system
- Full replay of the simulation in all visual channels
- Interconnectivity of multiple RWS trainers into a single simulation for DIS/HLA protocol collective training



**Instructor's Tablet**

An **Instructor Operating Station** or tablet is also available for supervision of multiple trainers participating in a single training session, and can create customized exercises and scenarios to meet specific training requirements. It has a user-friendly interface, permitting the operator to create advanced training scenarios with ease. The instructor-operator allows the users to:

- Choose the terrain
- Add targets and set their path and behavior
- Select the weapon type and ammunition inventory
- Set the environmental conditions and simulation parameter
- Insert pre-programmed failures
- Customize additional simulation parameters

The RWS Trainer can be used without instructor supervision, allowing for greater flexibility in training management. Control of the training session can occur from a single station with all results recorded, and crews can progress at their own pace without continuous supervision. Training results and scores are maintained in the system database, accessible only by their respective crews and instructors. The training system accommodates the loader station for full crew complement training.



**Driver Station**