



TrueShot AI™ Mortar



Train With Precision. Fight With Advantage. Maximize Readiness.

Realistic inert-fire mortar training that builds crew proficiency anywhere.

The Next Evolution in Indirect Fire Training

TrueShot AI™ Mortar gives crews a practical way to train to realistic mortar procedures without relying on live ordnance or fixed ranges. Using inert-fire drills, captured firing data, and simulated battlefield effects, it helps units increase repetitions, reinforce proper crew actions, and generate performance insights that improve readiness.

Core Capabilities

Authentic Crew Drill Repetition

- Preserves realistic hand-and-drop procedures
- Enables high-repetition training without explosive risk

Dedicated Training Tube

- Supports frequent use without impacting operational weapons
- Allows training anywhere, including austere environments

Shot-Based Battlefield Simulation

- Uses captured firing data to model shot outcome
- Connects crew actions to observable mission effects

Portable, Field-Ready System

- Minimal setup required
- Built for austere and distributed training environments



TrueShot AI™ Mortar

Turn Every Mortar Drill Into Actionable Operational Insight

Connect Crew Actions to Tactical Outcomes Without Relying on Live Ordnance.

TrueShot AI™ Mortar offers units the ability to generate far more mortar repetitions without the scheduling, safety, or logistical constraints of live fire. Crews can rehearse full mortar procedures with realistic round flow while leaders see precisely how each shot would affect the fight, enabling better observer integration, faster crew development, and more effective collective training. The system increases training throughput, reduces ordnance demand, and provides the operational insight needed to build confident, competent mortar teams.

Operational Value:

- Preserves realistic crew drill and firing procedures
- Enables more frequent mortar repetitions in field and home-station settings
- Connects crew actions to simulated shot outcomes and battlefield effects
- Gives leaders clearer insight into crew performance and fires integration

Why TrueShot AI™ Mortar:

- Supports crew, leader, and collective training use cases
- Portable and field-ready with minimal setup burden
- Designed to increase repetition without sacrificing relevance

TrueShot AI™ Mortar Kit:

