



# DIGITAL RANGE TRAINING SYSTEM

MAKE EVERY ROUND COUNT

**LOCKHEED MARTIN**

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# DRTS – DIGITAL RANGE TRAINING SYSTEM



Maximize live fire training events with the Digital Range Training System (DRTS). DRTS provides a train-as-you-fight environment for all vehicle crews. Training includes Abrams, Bradley and Stryker operations and dismount integration.

All United States military entities and foreign militaries via the foreign military sales program are eligible to obtain training services through this indefinite delivery, indefinite quantity contract. Lockheed Martin serves as the prime contractor for the DRTS program and has engineered a framework that scales to any training objective.

## Next Generation Ranges

During training exercises, DRTS provides realistic threat, neutral and friendly simulations. Soldiers' decisions and movements are captured through audio, video and digital technologies. The system analyzes the exercise and develops an interactive after-action-review with a single click.

## DRTS ranges include:

**Facilities** – Range operations centers, after-action-review theaters and battle position facades, including buildings and trenches

**Hardware** – Digital interface, cameras, data recording equipment and targetry systems with audiovisual effects

**Software** – Scenario development, system control, exercise control and after-action-review production with Perspective

Lockheed Martin's 3D digital Perspective software provides a virtual view of the battlespace, showing vehicles' locations on the range from multiple viewpoints, targetry status, weapons system orientation and fire control data, engagement metrics and more. This information combines to create superior exercise planning and control as well as after-action-review for instructors and Warfighters. Perspective also provides range layout, design efforts and mission rehearsal.

## Agile and Scalable

DRTS integrates gunnery and tactical systems for individual and crew qualification and platoon-level collective training. The system also integrates Apache live fire for air-to-ground training scenarios.

Lockheed Martin designed DRTS to be flexible, building upon the Army's Live Training Transformation standard. As a result, training scenarios can incorporate technology advances from Lockheed Martin's suite of live training products – including Urban Operations Training Systems, targetry and Multiple Integrated Laser Engagement System programs – to support DRTS user needs.

## Rooted in Affordability

Affordability is built into every aspect of the DRTS program. System components such as improved field cameras reduce maintenance support while added functional capabilities like the single-click after-action-review, improved diagnostics and fault isolation tools simplify system operations.

