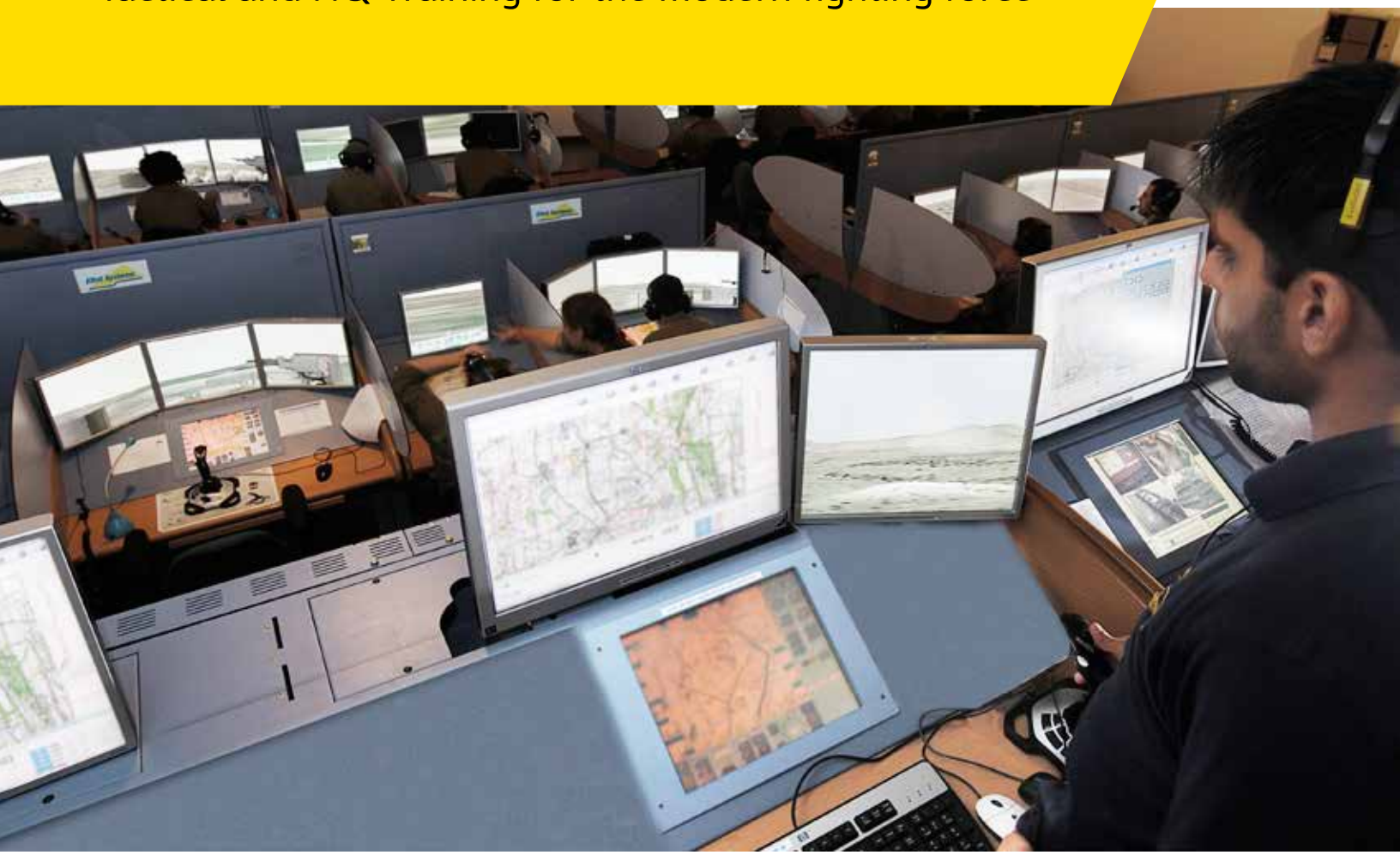
# Land Forces Training Systems

## Tactical and HQ Training for the modern fighting force



Elbit Systems

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## Forward Observer Trainer (FOT)

The FOT is designed to offer a simulated training environment for field intelligence and artillery FOs. Using operational equipment, the PC-based FOT enables a complete simulation of real-life battlefield situations, including joint fire planning, ranging and operating, as well as target identification, acquisition and engagement in a variety of environmental situations.

## Key Features

- Individual and group training sessions for a large number of trainees
- High-end DRI capabilities (detection, recognition, identification)
- Target acquisition accounting for multiple combat conditions
- Dynamic IR and multi-sensor capabilities
- Training utilizes verbal call-for-fire procedures
- High-end CGF for practice of rules of engagement
- Simulation of ballistic calculations
- Performance evaluation with scoring and after action review capabilities
- Unique mobile and deployable solutions

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## Tactical Battle Group Training system (TBT)

Elbit Systems' TBT system is the ideal solution for training personnel from combined arms battle groups up to the brigade battle group level. The TBT enables mission rehearsal and training on authentic geo-specific terrain in any operational scenario, effectively integrating tactical battlefield simulation with actual C4I systems.

## Key Features

- Configurable trainee stations for combined arms training of: armored/mechanized, infantry, artillery, forward observers (FO) and forward air controllers, combat engineering logistics (supply and maintenance), medical personnel
- Powerful computer generated forces (CGF)
- Unique urban capabilities
- Advanced collision detection server
- Easily deployable mobile version
- Training management station
- High-end mentoring tools

## Technical Information

- Reconfigurable work stations with wide visual display and $C^4I$
- Management capability of large CGF arena with minimal personnel
- Built-in simulation - $C^4I$ interoperability
- PC-based system comprising COTS tools
- Scalable tactical radio network simulation based on VoIP technology
- Complete interoperability with other live/virtual/constructive simulators using HLA interface protocols

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## Tactical and HQ Training

Elbit Systems' tactical and collective team training systems incorporate the knowledge and experience required to enhance and maintain the quality of a modern fighting force. Combining cutting-edge tactical battlefield simulation with actual command, control and communication (C3) systems, Elbit Systems' advanced Command and Staff Trainer (CST), Tactical Battle Group Training System (TBT) and Forward Observer Trainer (FOT) adapt to a wide range of combat scenarios including High-Intensity Conflict (HIC), Low-Intensity Conflict (LIC), counter-terror operations, Operations Other Than War (OOTW) and Homeland Security (HLS) - all within any operational environment.

## Key Features

- Advanced simulation models (HIC, LIC , OOTW and HLS)
- Robust arena with thousands of entities and large training areas
- Artificial intelligence for aggregate behaviors
- Minimal staff required
- $C^3$ combined with VoIP, radio and phone communication
- Debrief, management and mentoring tools

## Technical Information

- Seamless interface via high level architecture (HLA)
- Built-in modularity for image generators and various database formats
- Commercial-off-the-shelf (COTS) hardware

## Command and Staff Trainer (CST)

Elbit Systems' CST is designed to improve the operational readiness of brigade, division and of higher level headquarters personnel. The CST simulates a full spectrum of complex joint mission operations, with the trainees training in their operational environment using active C4I systems.