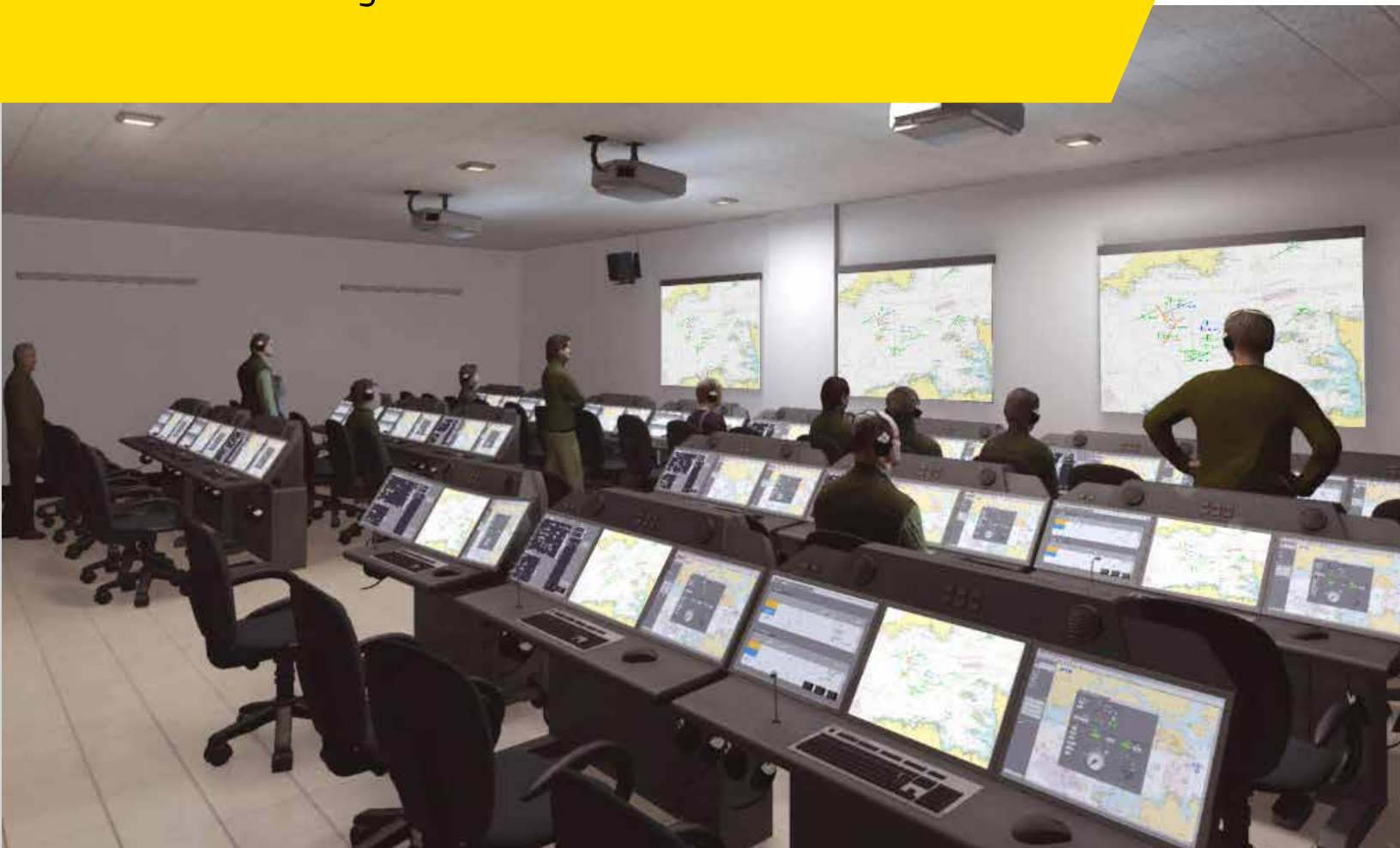


Naval Training Systems

Tactical Training



Naval Training Center (NTC)

The Elbit Systems Naval Training Center (NTC) is a full-scale turnkey training solution, offering operational and tactical simulation facilitate a comprehensive and realistic naval training experience. The NTC is comprised of a naval tactical trainer (NTT), a navigation simulator and a close-range weapons trainer (CRWT). These modules can each be utilized in standalone mode or combined and integrated with additional systems- for large-scale exercises.

The NTC employs Elbit Systems' high-fidelity simulation software which features extensive use of advanced autonomous computer generated forces (CGF), physics-based motion sensors, and weapon simulation models and algorithms - all operated through the use of an intuitive graphic user-interface (GUI). Based on commercial off-the-shelf (COTS) PC hardware, the NTC is both cost effective and simple to maintain.

Elbit Systems' NTC is fully field-proven, with thousands of operation hours logged by thousands of trainees at all levels. The NTC is currently operational with the world's leading naval forces.

1 Naval Tactical Trainer (NTT)

The NTT provides trainees with a realistic naval operations environment, enabling simulation support for both tactical command and specific combat systems. The NTT covers diversified scenarios from sub-unit level up to multi-force levels, including: anti-surface warfare, anti-submarine warfare, anti-air warfare, asymmetric warfare, littoral warfare, electronic warfare and more.

The NTT provides trainees with a realistic, up-to-date naval operations environment, supporting both at the console level simulation and the command tactical training level.

Key Benefits

- High fidelity, physics-based simulation of sensor, weapon and motion behavior
- Advanced system display options for real-life combat systems information over dedicated displays or stimulation/mockup of actual system screens
- High-end skill assessment algorithms
- Damage simulation and assessment
- Fully modular and scalable design
- Choice of thousands of simulation scenarios



Train As You Fight

2 Navigation Simulator

The navigation simulator boasts high-end display solutions over dome projections and screens, as well as high-fidelity maneuvering sensors and physics-based weather simulation models. The navigation simulator is ideal for:

- Training for challenging ship-handling situations and complex coordination with other vessel posts
- Simulating different vessel types, at all times of day, and in any exercise arena

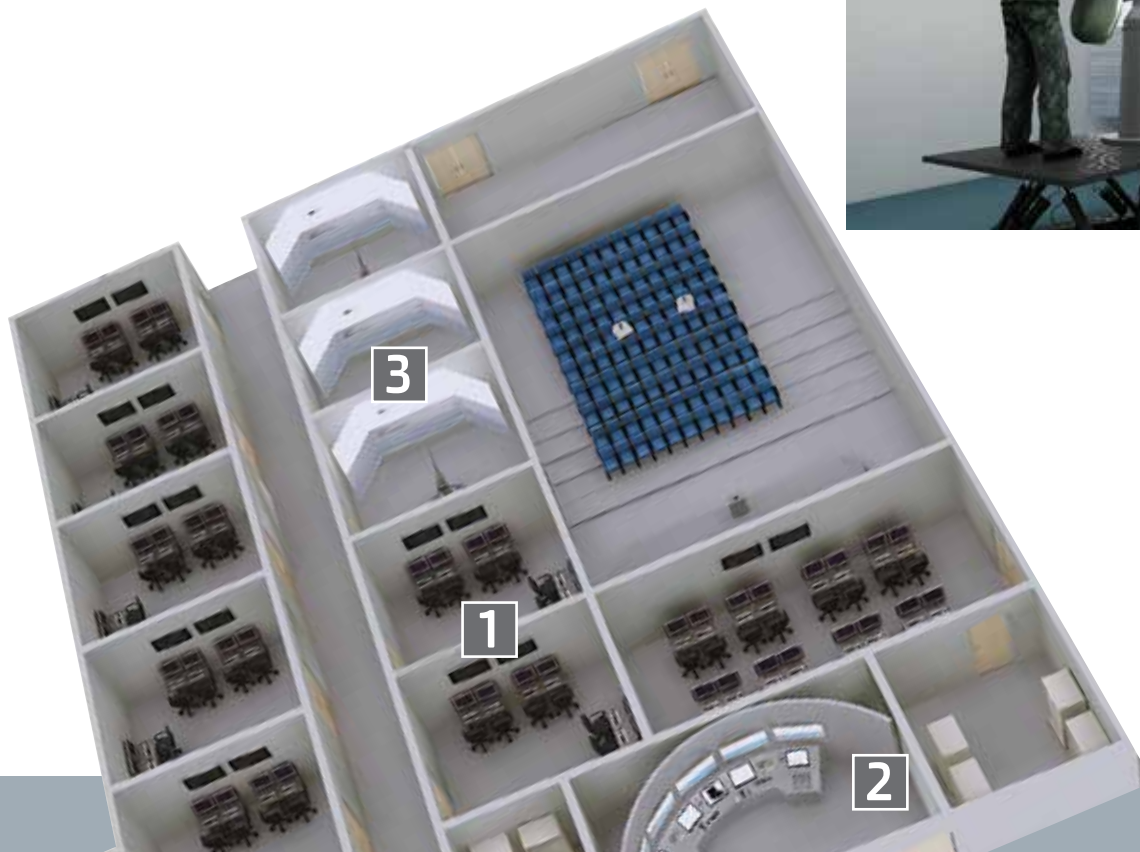


3 Close Range Weapons Trainer (CRWT)

A unique solution designed to train seamen in the use of close range weapons, the trainer is comprised of multiple weapon posts, a high-end projection system, and an instructor operating station.

Key features

- Support for various weapon types, ship types and sizes
- Easily configurable via roll-in/roll-out weapon mock-ups installed over motion platforms
- Physics-based simulation of weapon ballistics and trajectory performed for every round. Support for various weapon types, ship types and sizes



Naval Training Systems

Tactical Training

Major advantages

- Knowledge-base driven simulation enabling easy adoption of new threat sensors or platforms
- Advanced CGF with built-in artificial intelligence capabilities serve as the exercise virtual platforms for enemy, neutral and allied forces
- Low cost and low maintenance COTS PC hardware
- Support for multiple simultaneous exercises
- 3D mission rehearsal and debrief capabilities enable reproduction of complete exercise data, total time-axis control, automatic scoring mechanisms and what-if hypothesizer tool
- Interoperable with naval on-board training system and additional live training systems through high level architecture gateway
- Simulation of data links and voice communication including high-end radio communication simulation using VoIP technology
- Instructor and trainee consoles equipped with a user-friendly man-machine interface



Elbit Systems Ltd.

Advanced Technology Center, P.O.B. 539, Haifa 31053, Israel

E-mail: aerospace@elbitsystems.com www.elbitsystems.com

Follow us on

