

Training Center

Modern Training Technology Cuts Down on Training Time

Professional Training Center

RAFAEL has established a professional, high-quality Customer Training Center, based on seven decades of experience and technological leadership. The Center utilizes modern learning concepts & optimal practices, integrating today's most advanced training technologies, including virtual simulations and trainers.

The Training Center's objective is to maximize the of all trainees of all ranks to perform their jobs at the highest possible level. Our team of experts – of top Reserve IAF instructors with extensive operational and maintenance experience – provided over 200 courses and over 100 Live Fire Training sessions, offering training in Israel or abroad.

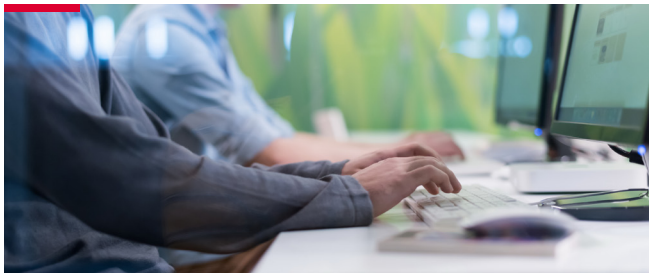
Variety of Training Courses

RAFAEL offers professional courses for individuals, teams, units and batteries – which can be specially tailored operators and technicians as well as Commanders and Officers.

These include:

- Train the Trainer
- Engineering
- Maintenance
- Refresher Courses
- Development & Management of Training Centers
- Specialized Courses for Reservists
- Advanced Air Defense Seminars

Our courses meet a wide range of requirements, including: basic pre-deployment; advanced Officer training; operational training for teams and individuals; end-to-end Unit live firing scenarios (from basic to complex interceptions).



Advanced and Modern Training Techniques & Technologies

RAFAEL knowledge and experience in both classic and modern training approaches 70/20/10 approach. 10% of the training is delivered through formal learning, 20% via social learning, and 70% through informal learning. Among the methods employed are knowledge enrichment games, Technician Simulators (for all levels) Computer-Based Training (CBT), Simulation-Based Training (SBT), and Augmented Reality (AR) trainers.

Training Center Courses Planning, Development, Building, Management and Maintenance Courses

These courses will enable the trainee to obtain the necessary knowledge required to establish a modern training center, including goals, target audience, infrastructure, management (knowledge management, training plans, scenario database, training kits, training and trainee database and analysis, feedback, statistics, etc.), methodology and maintenance (hardware & software, preventive and corrective actions, backup, and availability) – and the ability to train future generations.



SMART TECH - Augmented Reality (AR)

This cutting-edge technology provides a layer of reality through the transparent glass lens. Designed with an easy-to-use interface, it allows technicians to receive RAFAEL engineers' directions in real time, with technical manuals available on their heads-up display. This system is ideal for learning safe explosive maintenance procedures. It reduces the expertise required for complex missions and decreases training and operational system usage hours – with the added benefit of the permanent availability of RAFAEL's proprietary knowledge. Training includes procedures for handling hazardous materials, uncommon maintenance issues, and complex processes, as well as a Built-In Test (BIT) simulation.

CBT & SBT

Both CBT and SBT are provided for Operational Operators, O/I/Extended I-Level Technicians, Reserve Forces, Operational Units, School Training, and Trainee Qualification.

CBT is SCROM standard and can be connected to any Learning Management System (LMS).

SBT courses cover procedures such as: troubleshooting, remove & replace, deployment & pack-up, Human Machine Interface (HMI), Graphical User Interface (GUI), and 360° awareness.

Maintenance Simulators and from O-Level to D-Level

save/load scenarios, identify the faulty unit and replace it with the new unit, test and calibrate training, for systems, testers, missiles and units. trainer the training and of through their entire service life. supports training LRUs, and SSRUs.



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