



KONGSBERG

Mobile Combat Trainer

- a complete combat vehicle training system



When mobility counts...

Global support is a requirement for today's military forces. Whether involved in peacekeeping duties, defensive missions or engagement scenarios, today's forces are deployed where the action is. Deployability requires mobility. KONGSBERG's Mobile Combat Trainer (MCT) offers a complete combat vehicle training system in a mobile environment.

Training in any environment

What is behind an effective, mobile tactical operator? - an effective, mobile, tactical training system.

The MCT provides a complete training system within the standard issue expandable container enabling the system to be deployed where it is needed. All power, air-conditioning and heating facilities are accommodated within the container to allow training in any environment regardless of the climate or weather conditions.

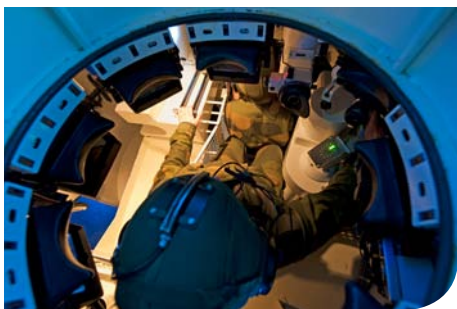
WORLD CLASS - through people, technology and dedication



Reconfigurability

When is reconfigurability important? - when cost is.

KONGSBERG's MCT modular design is extremely flexible and leverages COTS extensively creating a reconfigurable, cost effective training system that supports training for numerous armoured vehicles. Reconfiguring the MCT is as easy as selecting a new vehicle configuration and attaching the desired joysticks, gunner's handles and driver's wheels. The user interface is developed completely within software enabling all of the panels to change as necessary to emulate the desired vehicle.



Key Characteristics

Flexible: The MCT enables a wide array of training configurations. Each student position can be reconfigured to emulate any operator position in the vehicle. For example, all positions could be configured as gunner stations for skills training if necessary. The vehicles can all run the same exercise or they can run three separate exercises simultaneously.

Interoperable: The MCT utilizes a distributed architecture supporting both High Level Architecture (HLA) and Distributed Interactive Simulation (DIS) enabling interaction and collaboration with other systems and simulations.

Multi-Level Training: The MCT supports the full spectrum of training from operator skills training, to crew training, to multi-crew tactical training. The system also provides an extensive set of applications for the instructor. Instructor suite of tools includes:

- Scenario development
- Exercise control and monitoring
- Student evaluation
- Debrief/AAR

High Fidelity Emulations/Simulations: The vehicle simulation includes vehicle manoeuvring dynamics, gun dynamics - ballistics, sights (including stabilizing and laser range finding), turret dynamics and

internal vehicle status and panels.

Visual Simulations: The MCT visual simulations include weather effects, time of day, and realistic battle effects, muzzle flash, tracers, explosions, ground detonation, flares, fires, smoke and dust. A thermal site simulation is also included.

Radio and Intercom Simulation: The MCT utilizes CONNECT to provide realistic voice communications and aural simulations including numerous communications and battlefield effects.

Transportable: The MCT is contained within the standard expandable container and can be transported within any of today's cargo aircraft.

