



KONGSBERG

KONGSBERG Land Systems

CORE™

Training Simulator

The new way of training



KONGSBERG is an international, knowledge-based group delivering high-technology systems and solutions. We work with clients within the oil and gas industry, merchant marine, defence and aerospace.

Two centuries of innovation, transformation and delivering results has made Kongsberg Defence & Aerospace a recognized global technology leader and a leading supplier within defence, surveillance, space, aerostructures and Maintenance Repair and Overhaul. We take pride in developing advanced solutions and products of strategic importance, for markets around the world.

CORE™ Training Simulator is a brand new product, developed by KONGSBERG, utilising VBS4 technology provided by Bohemia Interactive Simulations.



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CORE™ the new way of training

A brand new Training Simulator for the PROTECTOR systems. The definition of CORE™ is «The central, inner most, essential part of anything».

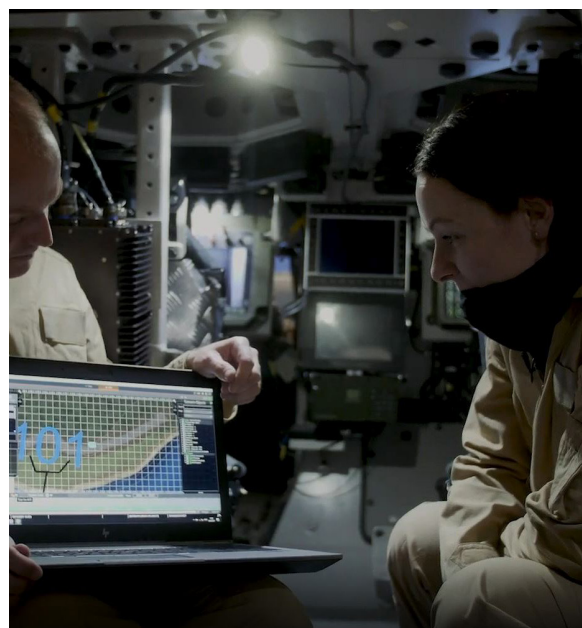
In order to succeed, operators need countless of training hours on a Realistic Simulator System that will assure correct action, no matter the situation.

KONGSBERG's new CORE™ Training Simulator, offers, in addition to standard simulator training, in-Vehicle training available directly on the PROTECTOR systems. As well as featuring simulation towards the real PROTECTOR software, running the powerful VBS4 platform provided by Bohemia Interactive Simulations.

Key solutions

- CORE™ In-Vehicle Training
- CORE™ Classroom Training
- CORE™ Instructor Operator Station

With the CORE™ Training Simulator, KONGSBERG is providing the customer with a solution that makes sure that you can train realistically, anytime and anywhere.



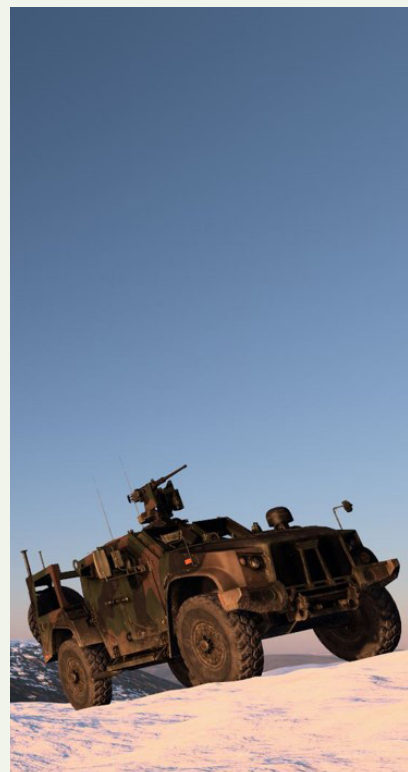
CORE™ training simulator train realistic anytime, anywhere

This product sets a new standard for training simulators by enabling training on PROTECTOR systems with simulated scenarios. This way of training improves and strengthens the muscle memory as you are using the real equipment. It is more engaging, which improves knowledge retention and drives behavioural change.

CORE™ Training Simulator gives a better foundation to hone the skills through the easy creation of advanced, realistic scenarios and through the «after Action Review»-function.

With the VBS4 World server, you can simulate anywhere, and when you have the in-vehicle trainer integrated in the vehicle, you can train instantly and at anytime.

In addition to reduced cost on fuel, ammunition and wear and tear on the equipment, the major cost benefit is increased operational readiness at a fraction of traditional investments on simulators.





Train anytime, simulate anywhere

With the CORE™ In-Vehicle Training, your PROTECTOR System and Training Simulator becomes one, and because of the VBS4 World Server Technology, you can simulate any location on earth within seconds.

CORE™ In-Vehicle Training makes it possible for a crew to train in all situations, even while being deployed far from home. Gunners seldom get the chance to maintain their skills during international deployments, other than on live missions or on a fire range. KONGSBERG offers a solution to this and makes it possible to interact with your actual PROTECTOR System, on real hardware and software, utilizing all switches and buttons, on the control system. With the flip of a switch, the gunner can select "Training Mode" and the PROTECTOR System will start up the CORE™. Premade Scenarios can easily be selected by the gunner, and the simulator will automatically generate a final score and feedback after the training session has ended.

With an Instructor Operator Station, you can create and train the gunners on a specific mission in your Area of Operation before you execute the actual mission live. Thanks to the World Server Technology and highly detailed environments created, the gunners can learn the details of the Area of Operation in a simulation before they execute the live mission.

To improve the gunner's results before a live firing exercise, you can create and simulate the same firing drills at the same location before you start using any live rounds.

Introducing classroom training





Real life training in your classroom

With the CORE™ Classroom Training you can practice on real PROTECTOR equipment wherever you like, whenever you like.

CORE™ Classroom Training is a vital part of the new training concept from KONGSBERG, and offers real PROTECTOR hardware in classroom configurations, which makes it easy for an instructor to conduct realistic training with multiple trainees at the same time. The CORE™ Classroom Trainer provides great flexibility on how and what you want to train and can be used both as a Gunner Skill Trainer and a Crew Trainer. Because of networking, multiple trainees can enter the same training session simultaneously. One Instructor Operator Station can monitor multiple trainees.

CORE™ Classroom Training variations:

- PROTECTOR operator training
- Commander & Gunner Training
- Full Crew Training
- Procedures & Communication Training
- Decision and Case Training



The Instructor Operator Station

The Instructor Operator Station (IOS) provides the instructor with the possibility to live monitor the training and make changes during the session.

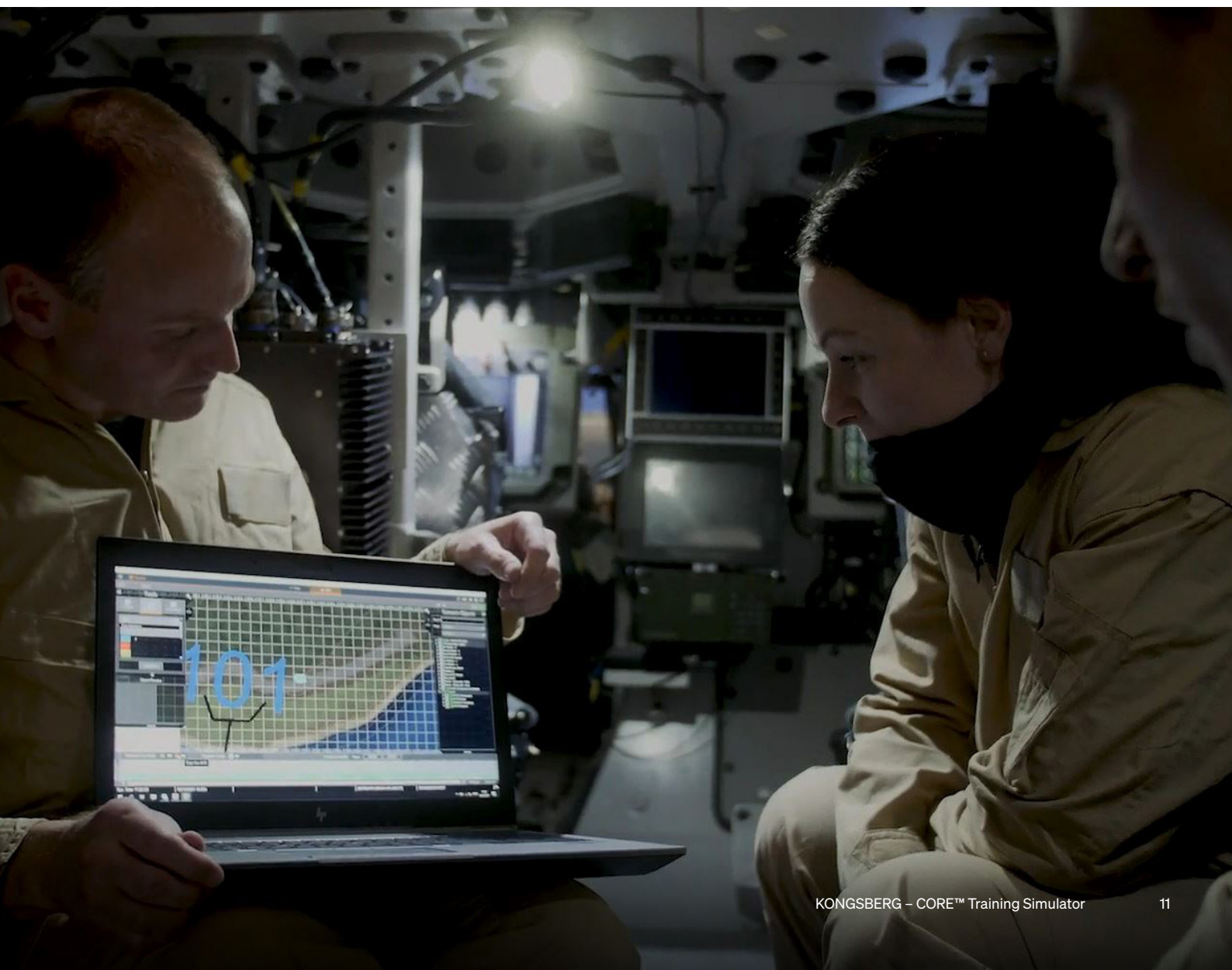
The After Action Review at the IOS is an important tool for the training crew and the instructor to analyze the simulator training exercise. It gives a great foundation to build competence and hone the operators' skills.

The Instructor Operator Station (IOS) provides the instructor with the tools to monitor trainees during a live training session and conduct after action reviews afterwards.

It is also possible to set different errors and defects on the PROTECTOR system during the training session, to trigger the trainee to perform different actions.

Key features

- Creation/editing of training scenarios
- Monitoring of PROTECTOR System settings and data
- After Action Review Functionality
- Monitoring of multiple Trainees
- Fault insertion



CORE™

Training Simulator

**the new way
of training**







Training Simulator **support** agreement

Through the CORE™ Training Simulator Support Agreement our customers will receive annual updates on scenarios, improvements, new functionalities on both the IOS and the VBS4. A support agreement will normally be for a period of 3 years.

The annual updates will be presented through a one-day Webinar/Workshop. The purpose of the annual workshops is to provide the customer with an arena where key personnel from the customers organization can exchange experiences and feedback to CORE™ Training Simulator.

The focus will be to ensure continuous development of the simulator system and ensure the optimal and most effective training for our customers. As well as the customers feedback and inputs that is relevant and important for the customer's specific CORE™ Training Simulator set up.

The support agreement also includes technical and annual support related to both KONGSBERG and Bohemia Interactive Simulations licenses on their relevant products.

Technical and Simulator support

The support agreement includes a defined number of hours to provide technical support of the system or support from our instructors in usage of the system and scenario builds.

These hours are to be beneficial for the customer and if the pool of hours is not used throughout the year they can be transformed to training hours or other services seen as needed or beneficial to our customer.

The support can be given through:

- Email
- Telephone
- KONGSBERG Remote Support Glasses
- On-site support of KONGSBERG personnel



PROTECTOR family and services



KONGSBERG is the world's leading provider of Remote Weapon Systems (RWS) providing flexible system solutions that meet our customers' specific requirements. The CORE™ Training Simulator can be delivered to the whole PROTECTOR Family.

The PROTECTOR is designed and built for operation in extreme environmental conditions, with capabilities that allow soldiers to operate effectively from a protected position by using precision optics and weapons to observe, detect, and engage targets with high accuracy. This does not only save soldiers' lives, but also reduces the risk for collateral damage significantly.

The PROTECTOR has been in full-scale production since 1997 and is qualified for global operations. The design is mature and proven based on millions of hours of operational experience in combat zones and developed and consciously evolved in close cooperation with Defence Forces worldwide.

The PROTECTOR Family of RWSs are systems suitable for any mission whether on land or at sea, on mobile or static platforms for remote operation of payloads ranging from small caliber weapons to medium caliber automatic cannons, and ATGM and SHORAD missile systems. The systems are based on the same baseline technology and are modular, flexible and expandable.





KONGSBERG Land Systems

KONGSBERG Through Life

Designed to provide maximum availability and life cycle cost predictability. Our wide range of support options are tailored to meet your customers' operational needs. It will secure and improve defence capabilities and maintain operational readiness. Dedicated key account managers will ensure a professional follow-up.

KONGSBERG Through Life Support agreement is a two-step model.

A Basic Agreement for continuous and recurring services and a wide selection of On Demand services to book when needed.

Basic services

The customers get access to KONGSBERG'S unique competence and expertise.

A dedicated point of contact coordinates the fundamental logistical support needs.

On demand services

KONGSBERG offers a comprehensive array of support services to satisfy the customers' unique needs.

All these services can be included in the basic agreement as recurring services, or can be ordered ad hoc as supplements.

Onsite Support

– flexible, professional and dedicated expertise

The Field Service Engineers (FSE) can be deployed to assigned locations 12-96 hours after receiving your order. The Field Service Engineers are highly skilled technicians with extensive experience and knowledge for troubleshooting and repair.

FSE Support may include

- Operator and maintenance training classes at your desired location
- Integration of equipment into vehicles
- Participating in the supply/repair chain in field exercises
- Short- or long- term deployment in theatre of operation
- Workshops to discuss technical challenges
- Adaptable training
- Updated documentation
- Other customer specific requests

Worldwide operations



KONGSBERG is an international corporation with strong Norwegian roots. Collaboration with our customers, partners and suppliers, and a commitment to understand the context where our technology is applied, are important driving forces behind the corporation's international development and growth.





KONGSBERG

Kongsberg Land Systems

Protechtning people and planet

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