



**CYBERWAR**™  
simulator system 

**ARMOURD VEHICLE TRAINING SIMULATORS**

## ARMoured VEHICLE TRAINING SIMULATORS



### PEDIGREE

Formed in the mid-1990s ThoroughTec Simulation has evolved into an international, ISO 9001:2015 company, dedicated to developing the worlds' most realistic, reliable and effective driver-operator and tactical, armoured vehicle training simulators.

With more than 500 military and mining vehicle simulators successfully deployed around the world, offices on four continents and almost 200 employees, ThoroughTec Simulation stands out as a uniquely focused, 'boutique' supplier of armoured vehicle simulator solutions.

Our industry-leading technologies and uncompromising stance on process-driven engineering and quality, have seen us become the world's leading developer of mining and construction operator training simulators as well as the de-facto supplier of all tactical and procedural vehicle simulators for the South African Army. Furthermore, we are proud to count several major international militaries among our satisfied customers.

### FOCUS

Over and above ThoroughTec's experience and success developing armoured vehicle training simulators, ThoroughTec is also the world's leading developer of operator training simulators for heavy mining and earth-moving equipment. This diversification within the common domain of 'ground-based' vehicle simulation is incredibly enriching, allowing the CYBERWAR and CYBERMINE brands to feed-off one another, effectively cross-pollinating and exploiting the latest technologies and training solutions.

It is from this highly-evolved technological base, born of a passion for landward simulation, that ThoroughTec steps forward as a truly specialised, turn-key supplier, offering an un-paralleled portfolio of turn-key training solutions for the widest range of tracked and wheeled military vehicles, including: rigid and articulating trucks, MRAPs, ATVs, APCs, ICVs, AFVs and MBTs.

Whether supplying an end-to-end training solution or acting as a specialist sub-contractor, ThoroughTec has the experience and expertise to deliver proven, world-class products and services at the most competitive rates.



- 3D After Action Review and user database
- Physics-based vehicle performance modelling
- Sensor, weapon and ammunition models
- Accurate ballistics and terminal effects
- Challenging Semi-Autonomous Forces
- Geo-typical / specific synthetic environments
- Optional 3rd party simulator link-up
- Simulated tactical C<sup>2</sup> and radio networks

- Customised training solutions
- Flexible hardware fidelity
- Optional integration with VBS
- Interactive networked training
- Powerful scenario editor
- Authentic AI combat behaviour
- Real-time exercise monitoring
- Detailed performance reporting

#### Full spectrum training solutions:

- Introductory Computer Based Training
- Intermediate Part-Task Training
- Advanced High-Fidelity Full Mission Simulator Training
- Advanced Learning Management System

Unmatched focus and experience in armoured vehicle simulation, coupled with an abundance of highly skilled, competitively priced engineers and artisans, positions ThoroughTec as a truly unique and extremely attractive training partner.



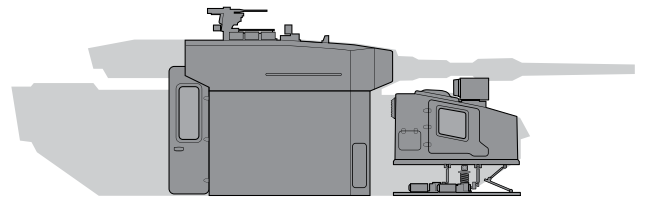
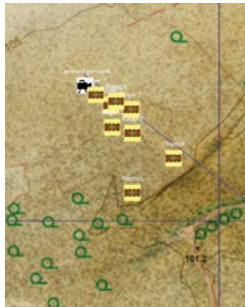
## SOLUTIONS

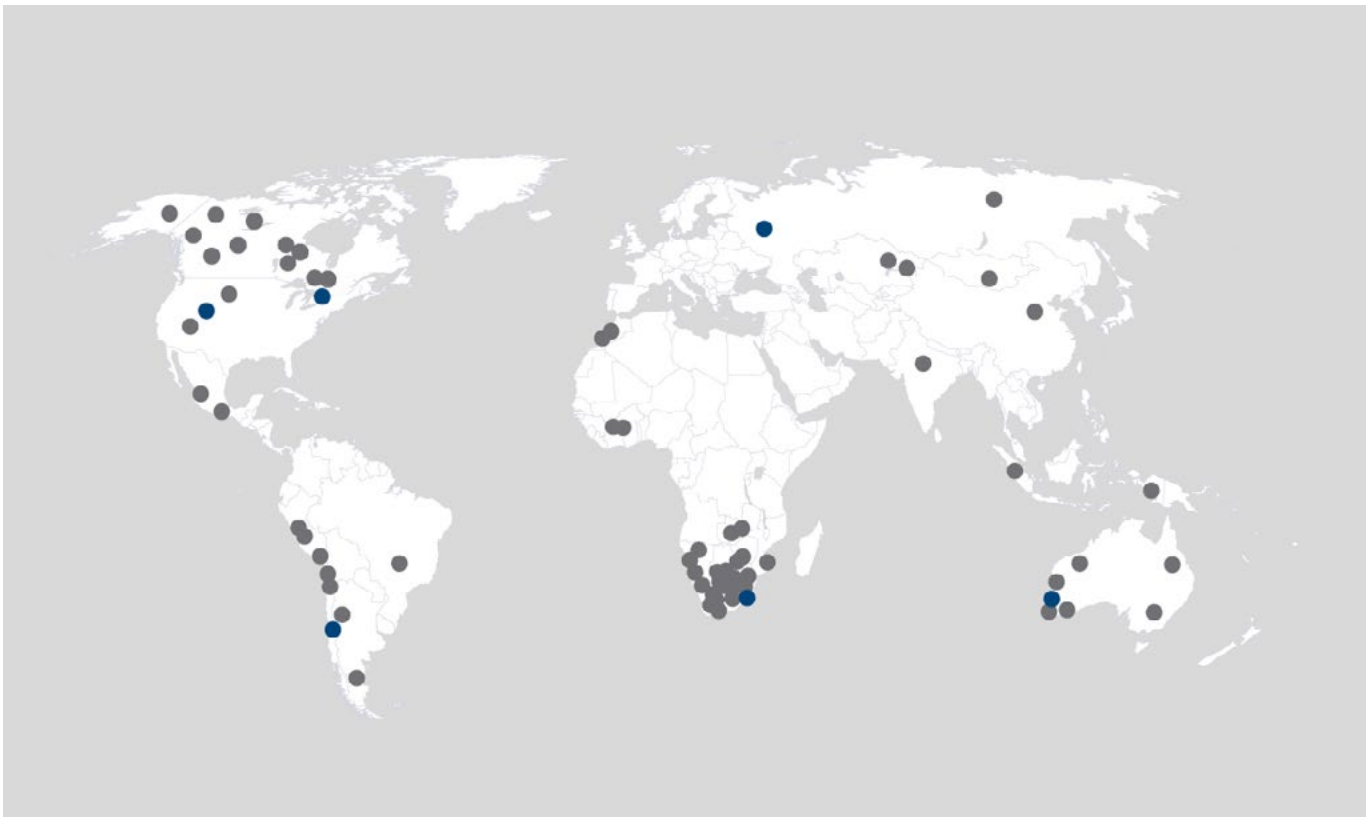
ThoroughTec's CYBERWAR products have been designed to satisfy the broadest range of armoured vehicle training requirements; full spectrum solutions facilitating everything from procedural, ab-initio operator training to advanced, integrated tactical exercises.

Train as you fight and fight as you've trained with CYBERWAR Simulator Systems. Whether maintaining operational standards, preparing for upcoming deployments, or training in-theatre, our simulators will provide your soldiers with the confidence and skills they require to safely and effectively complete their missions.

**OPERATOR TRAINING SIMULATORS** allow students to learn specific foundational skills, such as driving or gunnery, working towards the integration of those skills as part of a vehicle crew. The emphasis is on the development and mastery of individual, role-specific skills and this is supported by a number of intuitive and powerful training, evaluation and reporting tools.

**TACTICAL CREW TRAINING SIMULATORS** integrate individual trained operators into vehicle crews and challenge them with operational scenarios in ultra-realistic virtual training environments. These crews can operate their simulated vehicles, either independently or at platoon, company or battalion strength in exercises against AI or human-crewed opposition forces.





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simulation