

- The multi crew Australian Light Armoured Vehicle (ASLAV) is a fundamental combat element of the Australian Defence Force's operational capability that acts in 'light armoured reconnaissance, armoured fighting vehicle' and combat support roles.
- The Thales ASLAV CPT (Crew Procedural Trainer) and ASLAV Desktop Collective Tactical Trainer (ADCTT) underpin this capability by providing proven, operationally realistic, and cost efficient training in safe environments.

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## ASLAV TRAINING CAPABILITY

Operational realism, training effectiveness, cost efficiency







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### ASLAV FUNCTIONALITY ON THE DESKTOP

The Thales ADCTT has been developed in close cooperation with the Australian Army and leverages Thales's proven and highly reliable ASLAV CPT technology.

It provides individual, crew, collective and combined arms gunnery and tactical training for light armoured vehicles that can be used in both stand alone and networked environments across a range of simulated terrain and scenarios. It can also be modified easily to accommodate other vehicle applications and scenarios.

The Thales ADCTT comprises of a commander station, gunner station, driver station and instructor station incorporating simulated:

- Turret sighting systems
- Gun control equipment
- Radio and intercom
- Weapon systems.



The Thales ADCTT delivers training effectiveness and operational realism, via:

- An immersive environment for trainees:
  - Innovative touchscreen soft panel replicas of physical equipments and sighting systems
  - High fidelity ballistics, sensor and weapons systems models
  - Advanced visuals including out the turret views
  - Fully interactive simulated battlefield environment via intelligent computer generated forces.
- A safe and effective training medium:
  - Accurate and rapid training transfer and coaching
  - Enhanced safety through correction of crew practices prior to field training with live ammunition
  - Detailed debriefs and feedback.



- Networked environments via standard protocols (DIS/HLA) to:
  - Other ADCTT systems and/or ASLAV crew procedural trainers for patrol, troop & squadron training
  - First person shooter/small arms trainers (such as VBS-2) to allow integration of dismounted infantry to replicate the force structure
  - Supporting arms such as army aviation and artillery to facilitate joint level training (all arms call for fire/close air support training)
  - Exercise Controller (ExCon) Laptops for Higher HQ, Blue Force and Red Force Management.
- The Thales ADCTT achieves low cost throughout life by using proven technology, including:
  - Use of commercial off the shelf (COTS) computing hardware
  - Innovative use of virtual machine methods to minimise the number of computing platforms
  - Installation and operation in a standard office environment, if required
  - Commonality of software with ASLAV CPT to leverage the development environment, advanced high fidelity functionality and upgrades.

Built on Thales's proven ASLAV CPT experience, ADCTT is a highly capable, cost-effective, desktop training system for vehicle crews for use in stand alone or networked environments.

