



CREW, TACTICAL UNIT SIMULATOR (CTS)

Applications

INOVEX's Crew, Tactical Unit Simulators are designed to provide realistic and extensive training for complete crews of:

- Infantry Fighting Vehicles
- Main Battle Tanks
- Artillery Howitzers
- Combat Support Vehicles (e.g. HMMWV)

Training

Basic crew-level up to tactical unit full-scale mission training including:

- Crew-level collective processes in decision making, target engagement and command & control
- Multi-unit tactical missions as part of a larger organisation (e.g. battle group)

Benefits

- Cost reduction (minimized use of prime equipment)
- Practice all aspects of collective skills, repeatedly trained until mastered
- Standardized training across crews and units
- Crew and unit performance in a multi-level mission environment is measured and evaluated against Customer training performance metrics

Fidelity, Scalability and Expandability

- COTS technology based
- Carefully designed cabin replica/mock-up representing real vehicle features
- Static or full motion platform
- Open, and/or closed hatch configuration
- Stand-alone or interlinked (networked)
- Scalable/expandable to represent tactical units (e.g. platoon, company)

Simulation, Databases & Exercises

- Realistic simulation of system specific parameters of real vehicle
- Dynamic geo-typical or geo-specific high-resolution 3D visual databases
- Database generation system to create customer specific virtual environments
- Powerful Computer Generated Forces (CGF) environment, including high-resolution urban warfare capabilities and supporting unit integration
- Battle Management Systems (BMS) and C4I applications can be easily integrated
- High-fidelity communication and sound system
- Easy to integrate into expanded training environments (e.g. Combined Arms Tactical Training Systems – CATTs or constructive WARGAME)

Training Control & Management

- Easy to operate, multi-lingual instructor control station
- Pre-programmed or instructor designed exercises
- Instant trainee assessment including After-Action Review (AAR) capabilities
- Ready to be integrated into a training management system (TMS) environment