TACTICAL VEHICLE DRIVING SIMULATOR

Redefine Driving Proficiency

ST Engineering

LEADING-EDGE
SIMULATION TRAINING

The Tacticle Vehicle Driving Simulator System (TVDS) offers enhanced training for operators of the Higuard Mine-Resistant Ambush Protector (MRAP) vehicle.

Featuring a complete simulation system built on an integrated and scalable architecture, the TVDS can be easily networked to maximise individual and team-based multi-level mission training in a common virtual environment.

KEY FEATURES

Highly Scalable and Flexible Configuration

- Multiple cabins can be networked to support large scale team-based training
- Option of motion platforms
- Flexible deployment according to specific requirements

Full Cabin Simulator

Full Cabin Simulator

Full Cabin Simulator

Instructor Operating Station

Networked simulators for team-based training

Full Cabin Simulator
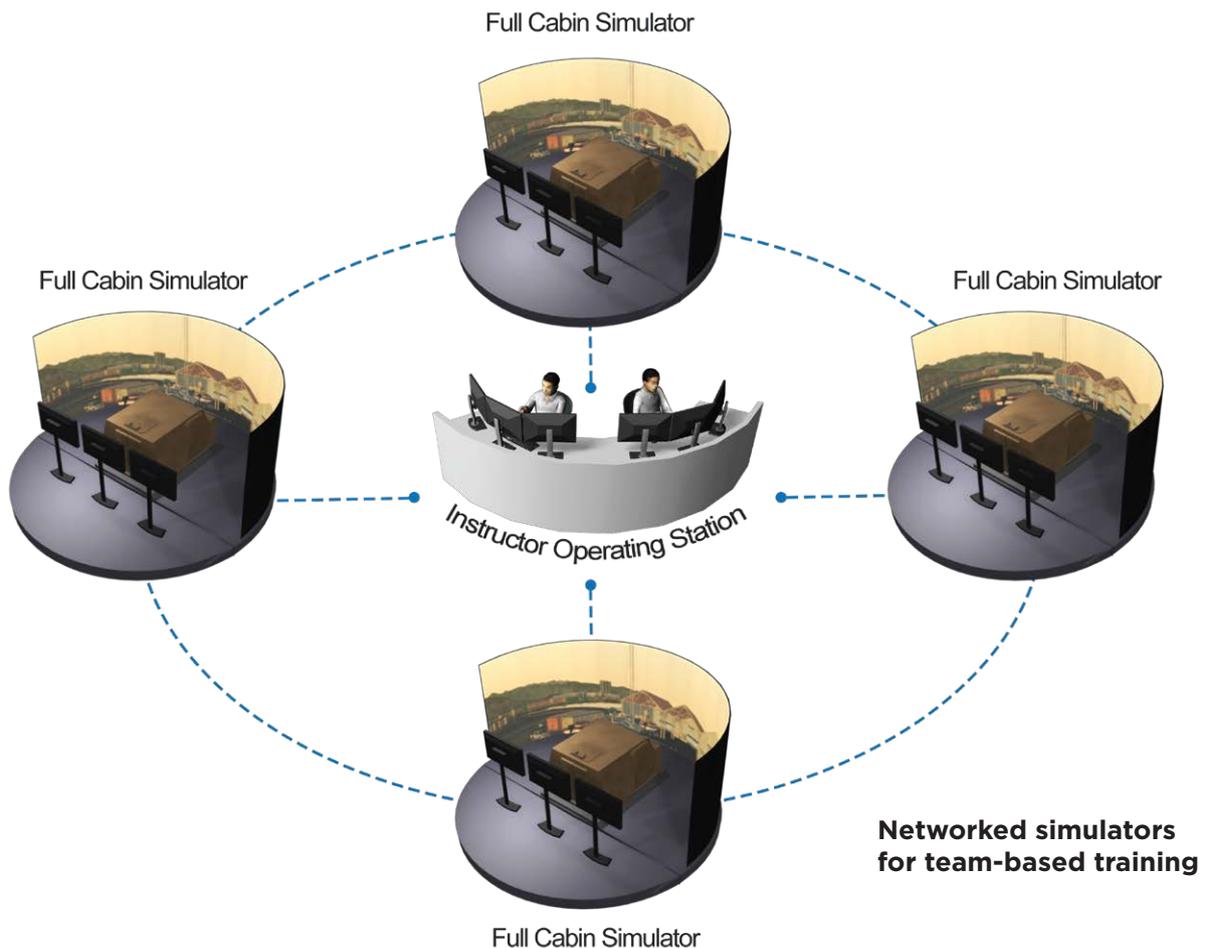
Motion platform

Multi-level Training For Individuals or Teams

- Task specific roles for individual training
- Full crew coordinated training for integrated operation scenarios

Realistic Vehicle Controls and Dynamics

- Training cabins replicate the crew compartment of the Higuard vehicle, with functional controls ranging from switches, gear controls and steering wheel to dashboard display panels
- High fidelity vehicle physics model enhances performance realism

Realistic driving cabin

Functional vehicle controls

Instructor Operating Station (IOS)

- Allows instructors to create, conduct, monitor and review trainees' performance with ease
- Comprehensive debriefing tool with training analytics
- Detailed trainee assessment reports provide greater insights to training effectiveness

First-person view • Instructor's view • Virtual instrument dashboard • CCTV view
Instructor monitoring view
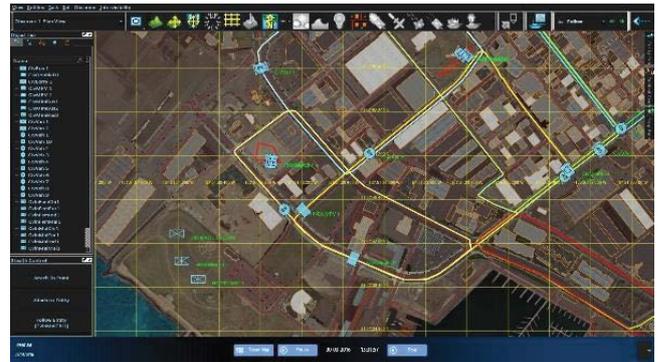
Overview of driving route
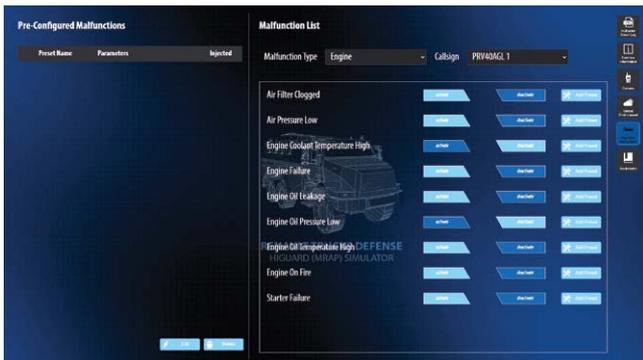
Inject vehicle malfunctions with the IOS

Change weather conditions

TRAINING APPLICATIONS
Basic to advanced driving skillsets

Cross-terrain
Convoy Driving

Route
Familiarisation

Customisable Weather
and Time Of Day

HIGHLIGHTS

- Realistic training cabins enable familiarisation of vehicle controls and dynamics

- Networked capability offers unique, team-based training experience

- Increased training effectiveness through real-time monitoring and performance review on the Instructor Operating Station

In partnership:

✳ ST Engineering

RENAULT TRUCKS DEFENSE

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