Cost-Effective, Best-in-Class Simulation-Based Training
The TranSim™ truck driving simulator provides high-fidelity, real-world driving environments for drivers who operate commercial motor vehicles, snowplows, heavy equipment, mining/construction, passenger buses, and emergency response vehicles.

Simulation-based training enhances entry-level driver training, refresher training and pre-hire screening assessments allowing you to conduct cost-effective real world training, on different terrains, roads and environmental conditions.

**BENEFITS**

*Improve safety*
Our customers have significantly reduced preventable accidents and the severity of the accidents. Simulation training reinforces positive decision making and situational awareness through training in a realistic, risk-free environment with totally repeatable scenarios.

*Improve fuel efficiency*
Lower operational costs through better fuel efficiency. Realize fuel savings through better fuel management training.

*Reduce equipment damage*
Minimize maintenance and damage to company-owned vehicles. Training on the simulator keeps your vehicles on the road and earning revenue.

*Improves driver retention/performance*
Complete, consistent, objective feedback on performance gives drivers the skills and confidence to drive more safely and more efficiently.

**KEY FEATURES**

- Redesigned cab based on a late model Freightliner Cascadia Evolution
- A sharp and visually true 180° field-of-view on 4K Ready LCD displays create an immersive driving environment that combines the look and feel of a real commercial vehicle.
- Modern gaming graphics engine delivers enhanced realism and high resolution environments to enhance visual cues and learning objectives.
- Force-loaded steering provides real-time feedback to augment muscle memory in situations such as a tire blowing, hitting the curb or sloshing liquid loads.
- Users can choose from a variety of predefined vehicle configurations using different combinations of tractor, trailer, engine, transmission, axle, etc.
- Truck-like learning environment includes a driving seat, steering wheel, ABS on brake, clutch and accelerator pedals to enhance realism and achieve better retention.
Committed to Professional Driver Safety, Performance, & Excellence

TECHNOLOGY FEATURES

- Modern dash includes steering column/wheel with foot adjustments, Auto Transmission Lever (AMT), 3-point seat belt, and under-dash lighting.
- Enhanced visual system graphics capability enables addition of more vehicles and objects per scenario.
- Multi-gear transmission provides economical shifting instruction that reduces equipment wear and tear.
- Change the weather conditions (rain, snow, ice, and fog), road/traffic environment to urban, suburban, rural, mountains, motorway, desert and the lighting conditions to day, night or twilight.
- A LCD dash allows you to simulate a multitude of different vehicle types (synthetic gauges and instrumentation giving greater flexibility and upgradability).
- The Glass Console allows the instructor control of the simulator via touch screen at the Operators Console (OpCon) and gives operators simple and quick control to change vehicle type.

INTEGRATED SOFTWARE CAPABILITIES

- Performance assessment tools and ReplayStudio software enhance training effectiveness.
- Design your own custom-tailored scenarios with our Scenario Builder™ tool.
- Assess driving skills with our SkillSet™ Software and record, replay the road scenario and review driver reactions.

Simulate environmental conditions, such as snow, fog, rain, wind, and ice.

Challenge driving skills for on- and off-road terrain.

Practice collision-avoidance techniques while backing.

Recognize and anticipate hazardous driving situations in urban and rural environments.

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