

Simulator Systems International

*Next Generation*

# EF-Truck

## Full Motion Driving Simulator



SSI's Next Generation EF-Truck Simulator is far more than just a simulator, but rather a complete driver training system that incorporates comprehensive computer-based training, sophisticated simulation training, and enhanced classroom lecture using our Classroom Connection capabilities.

Our innovative system incorporates a 3 axis motion base, actual OEM truck cab components including the steering column, wheel and hand controls, shifter, pedals, and air-ride seat, as well as a specialized multi-speed transmission that simulates the most popular transmissions used today, and much more. We pair our real world truck chassis with our lifelike graphics and comprehensive simulation software suite, which results in the premier CDL truck simulation experience available on the market today.

[www.simulatorsystems.com](http://www.simulatorsystems.com)

## TRUCK CAB

- Innovative cab design incorporates a configurable touch screen interface, and premium OEM truck components including an air ride seat, steering, pedal & hand controls
- Integrated motion system that pitches, rolls and lifts the entire cab – and even simulates the rumbling of the diesel engine!
- The robust steel chassis has been engineered with the highest build quality standards, is easy to install at your facility, and operates on standard 110V power
- Ultra wide angle field of view gives an accurate behind the wheel driving perspective
- Shift multi-speed synchronized, non-synchronized and automatic transmissions

## COMPREHENSIVE TRAINING SOFTWARE

- Our software includes over 40 lessons, and unlimited create your own scenarios. It also incorporates a "Virtual Instructor" to train and give feedback to the driver
- Large virtual world features 8 lane expressways and up to 6 lane wide roads in the city, driving ranges, a test track, residential, country roads and mountain driving

- Superior vehicle dynamics modeling ensures our simulator mimics how an actual truck handles in the real world
- Selectable truck, trailer, engine and transmissions, weight and position of the load, liquid load "slosh" affect, as well as oversize / overweight
- Our Instructor Operator System allows instructors to interject mechanical failures, & change weather conditions, review driving performance and more
- Eco-Drive Assessment provides fuel consumption & fuel economy data based on driving performance
- Detailed grading with error report summary

## COMPUTER-BASED TRAINING (CBT)

- Engaging multi-media and content
- Risk awareness, Shifting, Air Brakes and Backing
- Includes detailed testing and tracking

## MULTI-VIEW INSTRUCTOR CONTROL CENTER

- Detailed tracking, scoring and archiving of results
- After-action replay and review
- Manage users, print reports, and configure driving scenarios

