



# BUS SIMULATOR

High Fidelity Bus Training Simulator  
with High Performance Evaluation

- Driving Training
- Tactical Training
- Real-Bus Vehicle
- Trainer Console



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With Simsoft's vehicle simulation Infrastructure, simulations of different kinds of buses in a virtual environment can be developed with high fidelity. Following trainings can be run with scenarios of Bus Simulator.

- Maintenance Costs Reduction Driving Training
- Fuel Economy Driving Training
- Perception and Attention Training
- Safe Driving Training

## Software Features

- High Fidelity Vehicle Dynamics
- Character Animation
- Traffic Signalling Simulation
- Programmable Artificial Intelligence
- Assessment and Evaluation Infrastructure
- High Resolution Visualization
- Multi-Display Support
- Recording and Replaying Ability

Simsoft's Bus Simulator hardware can be configured as full-cabin, partial-cabin according to customers' requirements. The components of a real bus are simulated as software and hardware in Simsoft's Bus Simulator.

The simulated components are:

- Indicator system of the bus
- Manual gearshift
- Automatic gearshift
- Triptonic gearshift
- Active/Passive buttons
- Signal groups
- Steering wheel
- Pedals

A motion platform with various configurations (2DOF/3DOF/6DOF) is used in the Bus Simulator. The motion platform is optimized according to the events on the simulation program in order to give drives the sense of motion reality.

