Simsoft
TECHNOLOGIES

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 Insfrastructure
• 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.