

iTECH DRIVE

BUS & TRUCK DRIVING SIMULATOR



Train To Deliver...



GLOBAL SIMULATION PRODUCTS

ADH Labs simulation products makes training & testing extremely easy and intuitive for instructors as well as trainees in a cost effective manner.

i-TechDrive series of simulators are revolutionary products which create better drivers by efficiently developing their cognitive & perceptual skills in a risk free environment, thus improving their judgment and decision making capabilities.

Technical Features



Realistic "Virtual Environments" are created using 3D Computer Generated Imagery (CGI) to impart a fully immersive, life like training environment to train and assess drivers



Multiple channels of undistorted field of view with visuals scalable up to 360 degrees provide high degree of Visual Realism

Extensive Instructor Interface



- Flexible exercise editor to create and edit custom exercises
- Exposure to rich variety of environmental situations such as rain, fog, snow and night that are usually not experienced in traditional training methods
- Injection of faults and obstacles to test reactions to emergency situations
- Recording and playback of faults committed by the driver enables better assessment and analysis
- Integrated fully automated and customizable tutorial & test to teach basic and advanced driving practices.

Assessment and grading

- Detailed reporting & analysis mechanism to monitor and identify issues with driving techniques
- Performance graphs for in depth analysis of a trainees performance
- Error categorization to identify and analyze errors committed by the trainee
- Extensive grading and evaluation to assess the drivers capability objectively

Audio system

- Integrated hi performance 3D sound system producing realistic engine and real world sounds for highly immersive life like experience

Real vehicle parts

- Integrated with Genuine OEM parts such as steering wheel, dashboard controls, gear lever, seat belts etc to provide realistic driving experience to the trainee.



i TechDrive Bus & Truck Driving Simulator

- Train in handling heavy city traffic situations safely without the risk involved with traditional training
- Learn to handle traffic lights and other day to day scenarios like pedestrians, animals and other obstacles
- Train drivers to observe and follow traffic rules, an important aspect of safe driving
- Quick and effective training for the time constrained urban driver



i TechDrive Heavy Vehicle Driving Simulator

- Efficient low cost training in handling heavy city traffic, terrains and rural villages
- Helps develop high levels of perceptual and cognitive skills essential for transporting high cost cargo and equipment over large distances
- Driving large heavy vehicles through tight corners and high incline terrains help make drivers better equipped to handle such scenarios
- Trains drivers of public services like buses, trucks etc to handle the stress of heavy traffic, pedestrians and long distance driving



Driving Modules for Novice and Experience Drivers

- Specific modules designed for novice drivers with focus on car basics, traffic rules and road signs. It includes practice session for moving off, stopping, gear shifting, steering control, driving on hills and maneuvering in heavy city traffic.
- Experienced drivers can test and sharpen their driving skills in Advance driving module which includes driving in extreme weather and road conditions. Emergency object intrusion allows driver to test their reaction time and level of alertness while driving.

ABOUT US

ADH Labs is a fast growing agile company with focus on offering specialist simulation products and solutions. The company is formed by group of vibrant technocrats & entrepreneurs with extensive experience in designing and delivering world class solution.

Our competence & expertise in software, electrical systems & industrial automation helps in deliver state of the art, feature rich simulators with high level of customization to meet ever evolving requirements.

Our simulators enable organizations to deliver critical trainings with great ease & efficiency in a cost effective manner.

KEY CUSTOMERS



ADH LABS

GLOBAL SIMULATION PRODUCTS

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