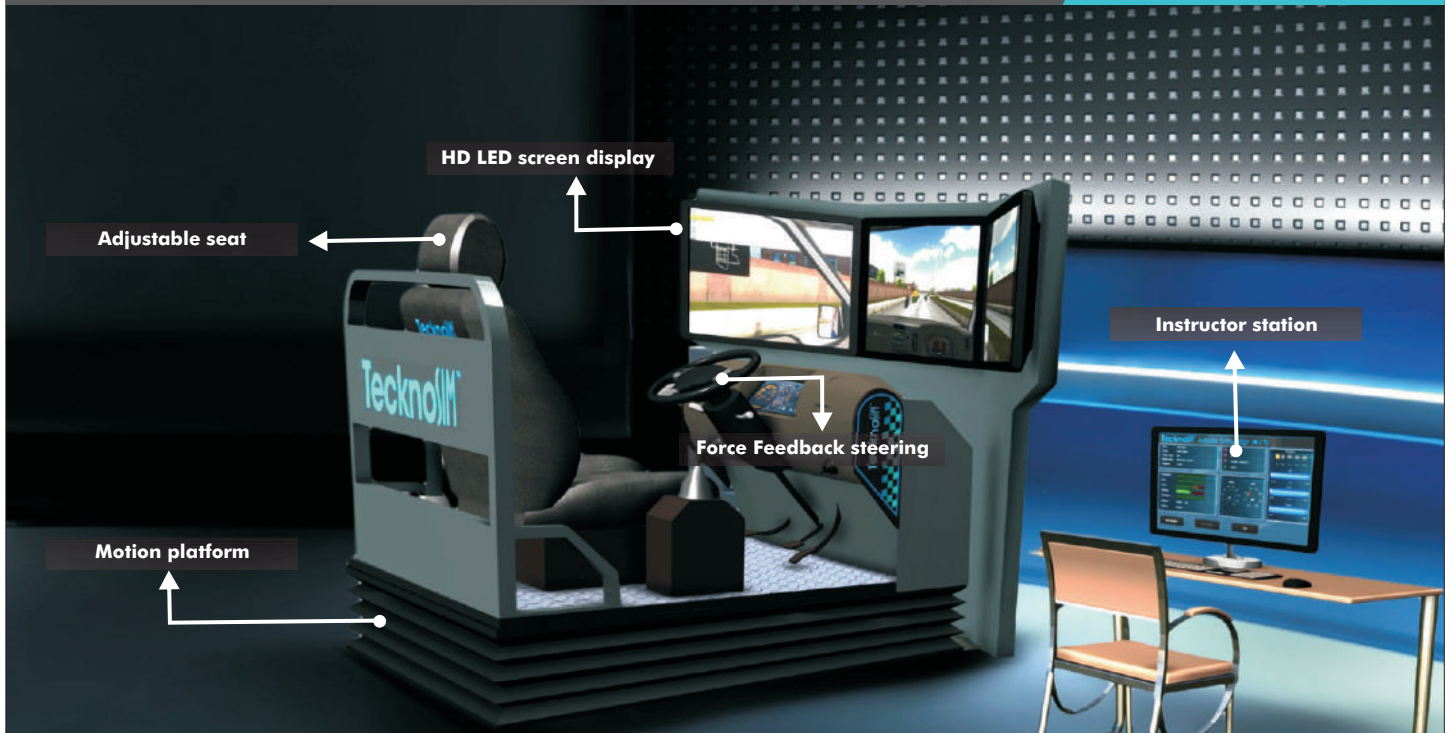






## Light Vehicle Simulator



**TecknoSIM™**  
“Experiencing Reality”



**TecknoSIM Light Vehicle Simulator** is an **advanced training tool** that provides real life training experience to both **novice and experienced drivers**. The simulators immerses the drivers in **real life driving scenarios** under complete safety. TecknoSIM Simulators are beneficial for driving institutes, research institutes, vocational training institutes and logistic companies. The simulator assists in improving **productivity, safety and cost efficiency**.

Simulator Range	Description	Image
<b>TecknoSIM VX</b> High fidelity simulator	<ul style="list-style-type: none"> <li>Cabin Simulator with OEM specific vehicle controls</li> <li>Motion platform base</li> <li>Curved projection display with 180 degree view</li> <li>Soft instrument cluster on LED screen</li> <li>Advanced instructor station</li> <li>Conversion kit compatibility</li> </ul>	 <p>Dimensions in feet: 12 * 10 * 9 (L * W * H)</p>
<b>TecknoSIM EX</b> Medium fidelity simulator	<ul style="list-style-type: none"> <li>Mock up driving cab with generic vehicle controls</li> <li>Still platform/ upgradable to motion platform</li> <li>3 Screen LED Display with 120 degree view/ <i>Upgradable</i></li> <li>Soft instrument cluster on LED screen</li> <li>Basic instructor station/ <i>Upgradable</i></li> <li>Conversion kit compatibility</li> </ul>	 <p>Dimensions in feet: 12 * 10 * 9 (L * W * H)</p>
<b>TecknoSIM LX</b> Low fidelity simulator	<ul style="list-style-type: none"> <li>Mock up driving cab with generic vehicle controls</li> <li>Still platform</li> <li>3 LED screen display</li> <li>On screen instrument cluster</li> <li>Inbuilt instructor station</li> </ul>	 <p>Dimensions in feet: 6 * 5 * 5.5 (L * W * H)</p>
<b>TecknoSIM</b> Desktop Trainer	<ul style="list-style-type: none"> <li>Desktop simulator based on Logitech controls</li> <li>Display options- LED Screen/ VR Display</li> <li>Inbuilt Instructor station</li> </ul>	 <p>Dimensions in feet: 5 * 4 * 4 (L * W * H)</p>



## Hardware

- Fully equipped driving console with push start button
- Fully activated vehicle controls
- Gear transmission: Automatic/ Manual
- Adjustable seat with seat belt
- Force feedback steering wheel
- Glass instrument panel- interchangeable
- Controls for extended window view, mirror setting

### TecknoSIM Integrated Motion Platform:

- Accurate feedback for realistic driving experience
- Electric Motion platform with low maintenance
- Provides necessary sensations like acceleration, braking, jerking, gradients & road interaction

## Software

- **Suitable for both** Left & Right hand driving
- **Terrains:** City, Highway & Hill (customised as per country)
- **Weather:** Rain, fog, dust
- **Time of day:** 24 hrs time cycle
- **Vehicle selection:** Sedan, SUV, 4 x 4, Van
- **Traffic density:** Low to high
- **Sounds:** Realistic representation of traffic & surrounding sounds
- **Vehicle dynamics:** Realistic and accurate
- **GPS:** Inbuilt GPS for route mapping
- **Optional:** Real time mirror adjustment; out of the window view



## Instructor Station ( For individual and group training)

- Driver management system
- Scenario setting
- Performance evaluation system
- Inbuilt calibration & diagnostics
- Record and replay

### Advanced Features

- Trainer and Driver management system
- Advanced scenario setting
- Advance training with fault injection
- Advance reporting and replay system



## Training Modules

- **Basic training module:** Learning to use the vehicle for basic driving
- **Advanced training module:** Advanced driving with traffic
- **Defensive driving module:** Risky driving situations and hazard perception
- **Eco driving module:** Fuel efficient driver training
- **Distracted driving module:** Experience the dangers of distracted driving
- **Test track module:** Virtual test track for driver assessment
- **Training languages:** English, Arabic, Hindi, Telugu, Malayalam , Tamil ( Can be customised to country specific language )

# Global Presence



**750 Installations  
22 Countries**

## TecknoSIM™

### ADVANCE DRIVING SIMULATOR

#### Some Of Our Prestigious Clients



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