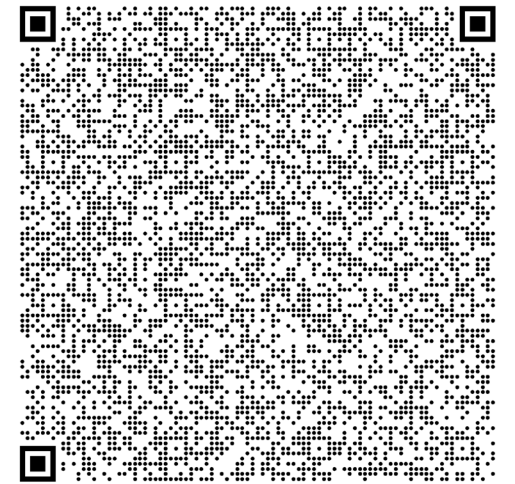


Driving Simulators for Research, Development and Clinical Applications



miniSimTM

Contact Us!

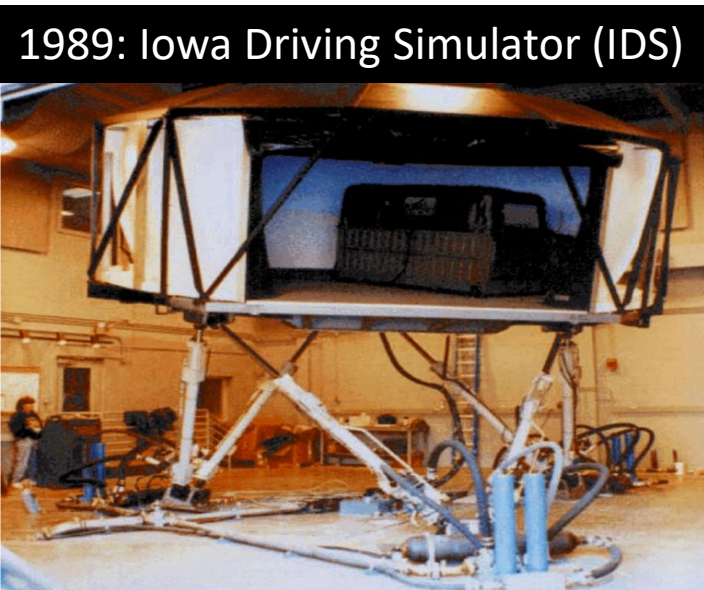


DSRI-miniSim@uiowa.edu

Use subject **“get info”** for
prices and information

Facts:

- 85+ simulators at 70 sites
- 35 years of simulation research at University of Iowa
- 162 miniSim projects completed





Why miniSim?

Widely accepted in academic research

- **680 papers** using miniSim on Google Scholar since 2009.
- At **60+ academic institutions** in the US, Canada, and overseas.

Deep **Human Factors** and **Clinical Experience**

- We use the same software tools



Why miniSim?

Proven in *clinical trials*

- Cognitive Research Corporation:
<https://www.cogres.com/driving-simulation>
- Meets FDA Guidance for Dedicated Driving Studies
- Sensitive to impairment at 0.05% BAC

Validated vehicle dynamics models

- Supported by SAE publications



Why miniSim?

No-Code Interface, No Scripting

Build your own road network, or use pre-built options

50 sample scenarios with instructions

Data Reduction for common measures provided

Hardware configurations

Simplified Cab



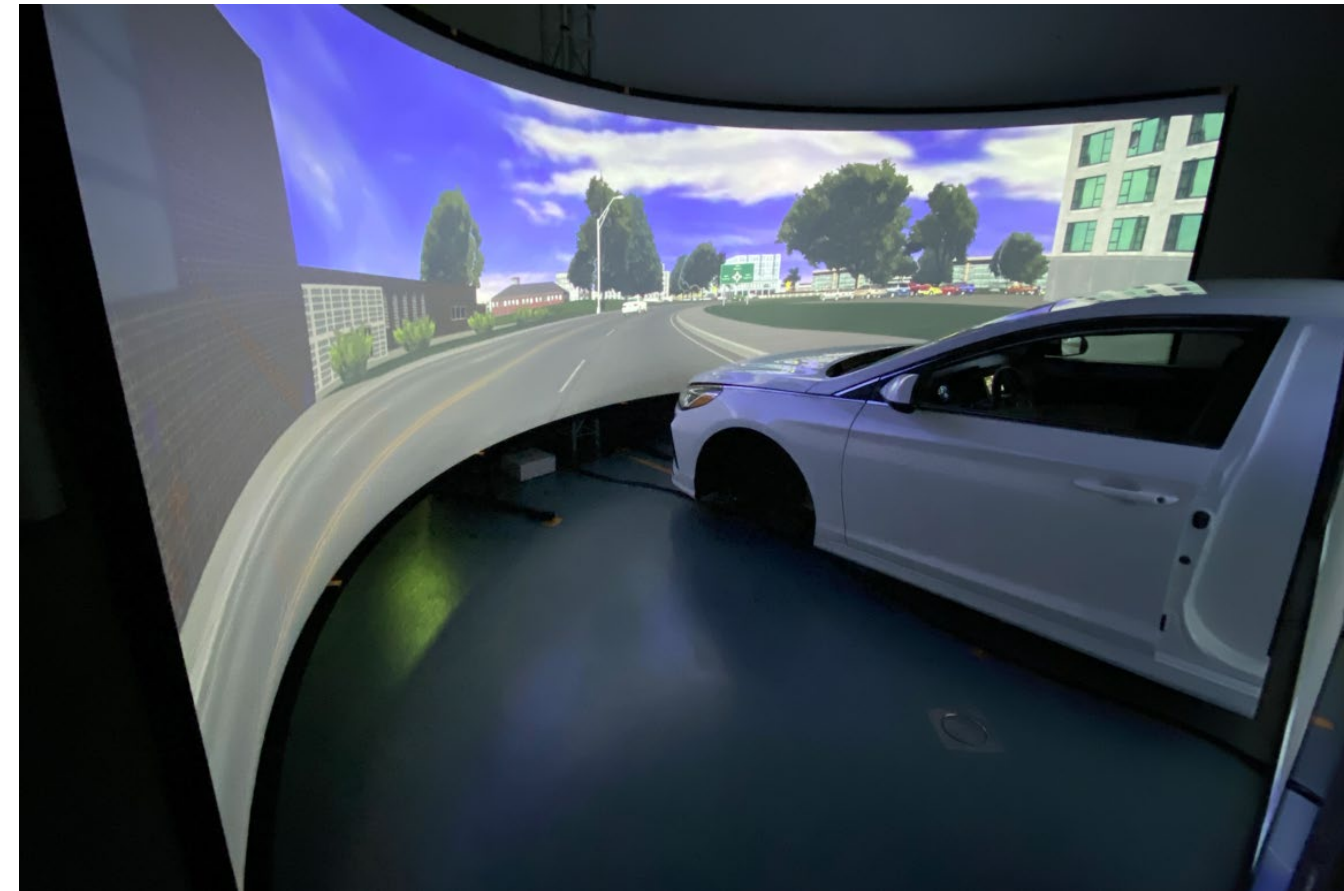
Quarter Cab



Half Cab



Half-Cab Simulators



NEW Heavy Truck Quarter Cab





miniSim™

Touchscreen Infotainment System

- Scenario event integration
- Navigation and Audio (radio,MP3)
- Data acquisition
 - Menu and button status
 - Touch position



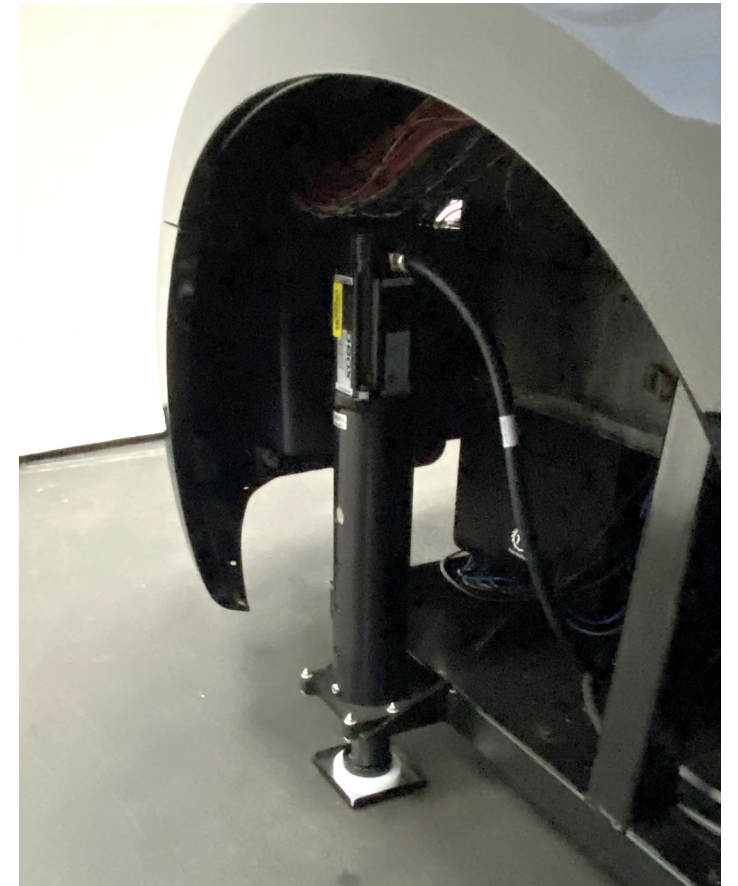
3 DOF Motion System



Simplified Cab



Quarter Cab



Half Cab



Installation On-Site



Projection Systems



Training and Support

Custom Configurations



Mobile



Clinical Trials



Driver Training



Ophthalmology Research