

The COMPACT NVH Simulator Enabling a complete sound and vibration experience

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Enabling a complete sound and vibration experience



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- Interactive NVH driving simulation on the desktop
 - Real-time Auralisation of NVH data
 - Adds Context and Interactivity to the Evaluations
 - Experience the sound for any driving condition
 - Switch between vehicles back-to back
 - Create and drive vehicles that don't exist
 - Targets / What If's / New Designs / ...
 - Real-time Visualization & Modification
 - Capture the opinion and driving behavior i.e. the decision-making





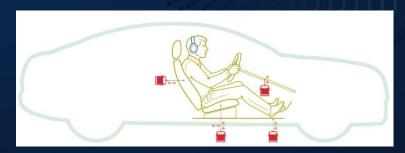
Multi-sensory NVH Simulation - Sound, Vibration, Visuals

- Multi-axial, calibrated vibration at all primary driver touch points
- Calibration, synchronized sound and vibration generation

The ultimate NVH experience

 All the same benefits of the desktop simulator, plus vibration and a fully immersive driving experience

Sound, Vibration and Steering Multi-DOF Vibration + Sound





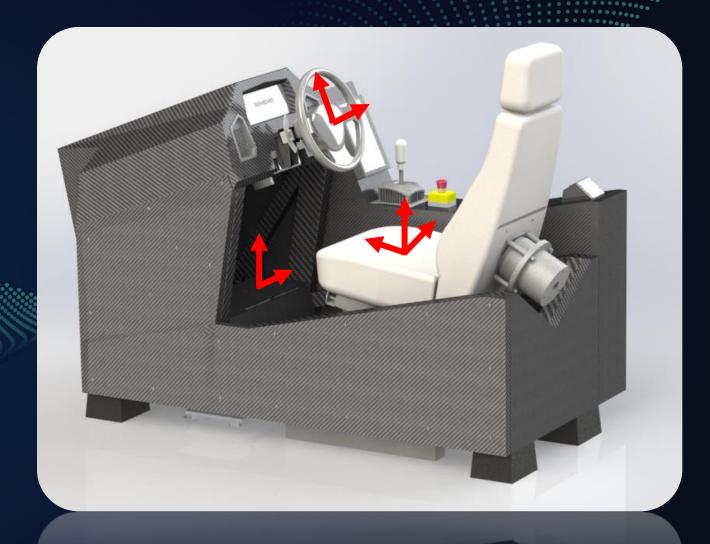






- Multi-sensory NVH Simulation Sound, Vibration, Visuals
 - 7 Independent degrees of freedom
 - Seat vertical, lateral, fore-aft
 - Steering wheel vertical and lateral
 - Footwell / heel point vertical and lateral
 - Calibrated, full-spectrum Sound









Large Curved Screen with Projector Exceptional quality immersive visuals

Flat-panel Display
High-quality visuals in a smaller space



CARBON FIBER CONSTRUCTION



Exterior Sound Simulator





On-road Simulator



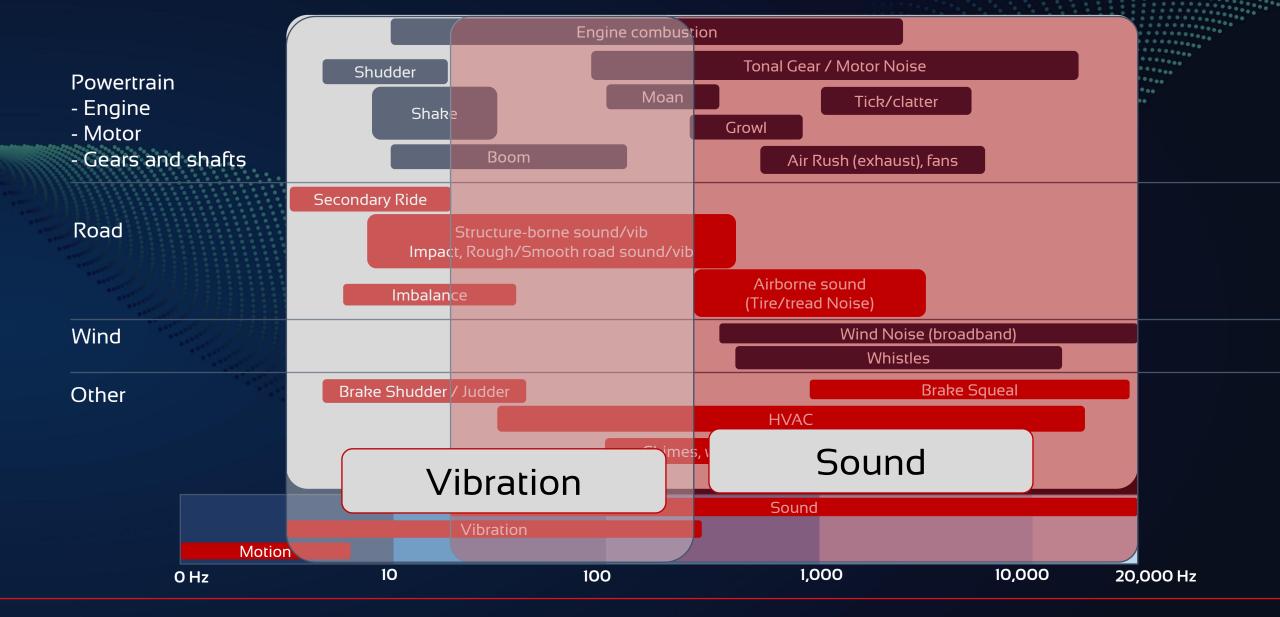
Desktop

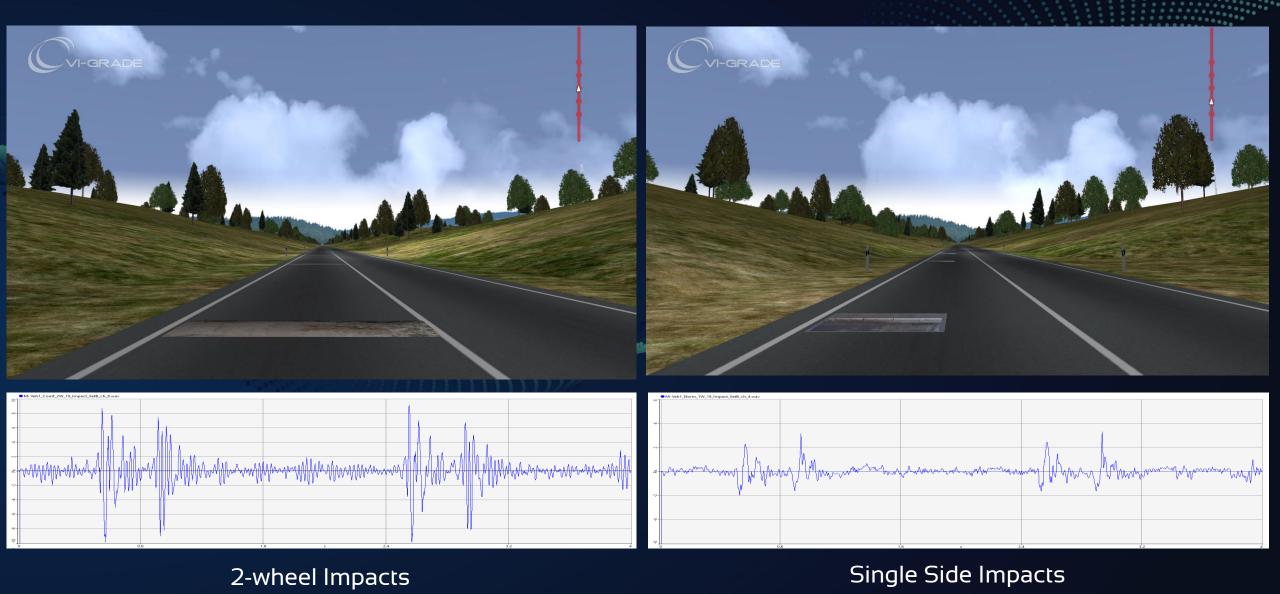


Compact



Static





IMPACT HARSHNESS APPLICATION



LET'S PLAN A VISIT TO ONE OF OUR SIMCENTERS

to understand how we can help you streamline and accelerate your NVH development process

Contact:

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Visit www.vi-grade.com/NVH for more information

Video: Enabling a complete noise, vibration, and harshness experience with the COMPACT

NVH Simulator – YouTube

Launch Webinar: WEBINAR: COMPACT NVH Simulator Introduction - YouTube