



MOOG

SHAPING THE WAY OUR WORLD MOVES

HMD MOTION COMPENSATION SOFTWARE

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AVOIDING SIMULATOR SICKNESS

HMD MOTION COMPENSATION SOFTWARE



Exact head orientation needs to be measured for creating correct field of view

MOOG PRODUCTS AND SYSTEMS

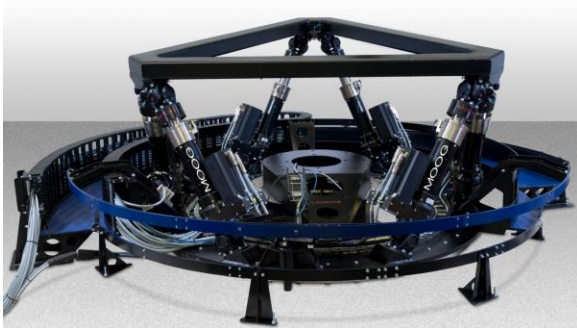
HMD MOTION COMPENSATION SOFTWARE



Comfort evaluation platform



High dynamic simulator



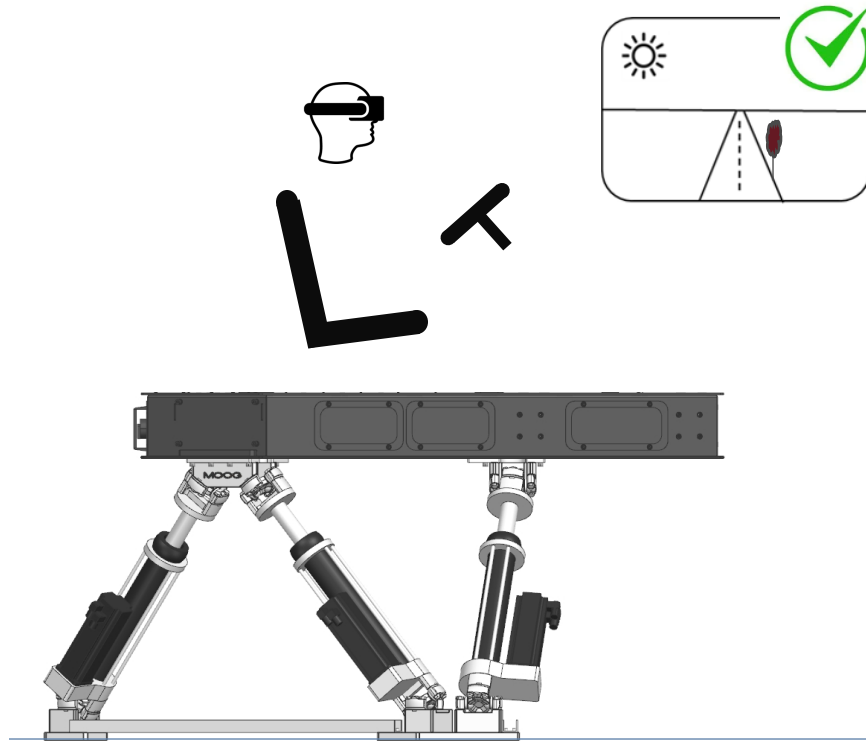
Motion system on turntable



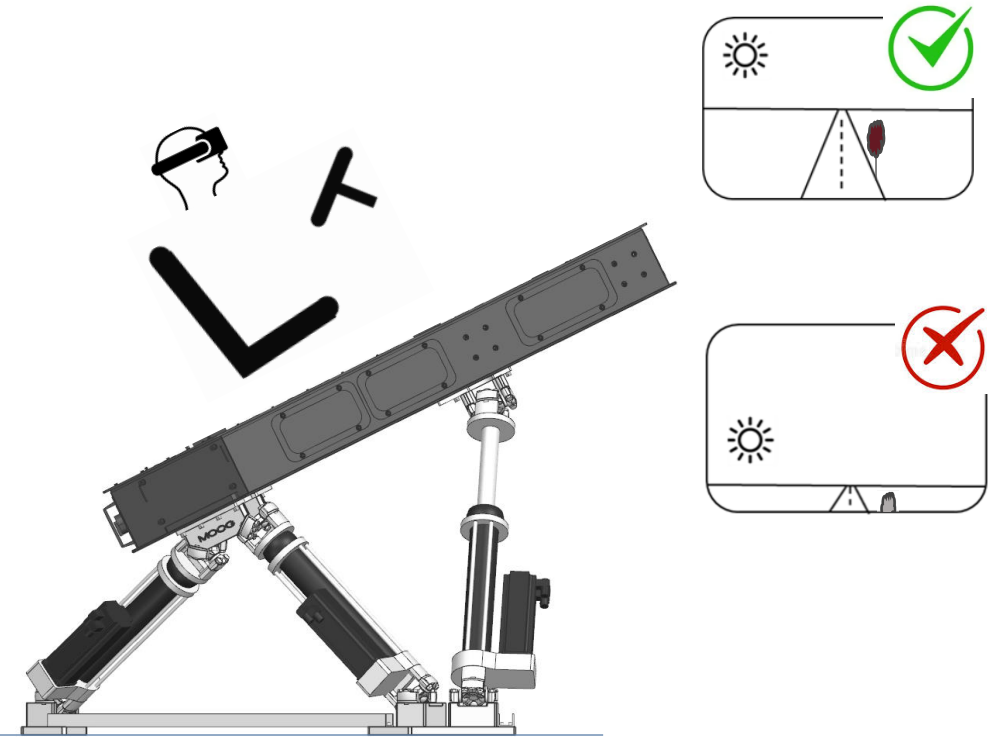
Motion control of all DOF

ORIENTATION EFFECTS

HMD MOTION COMPENSATION SOFTWARE



Driver looking straight forward



Driver accelerating, looking straight forward

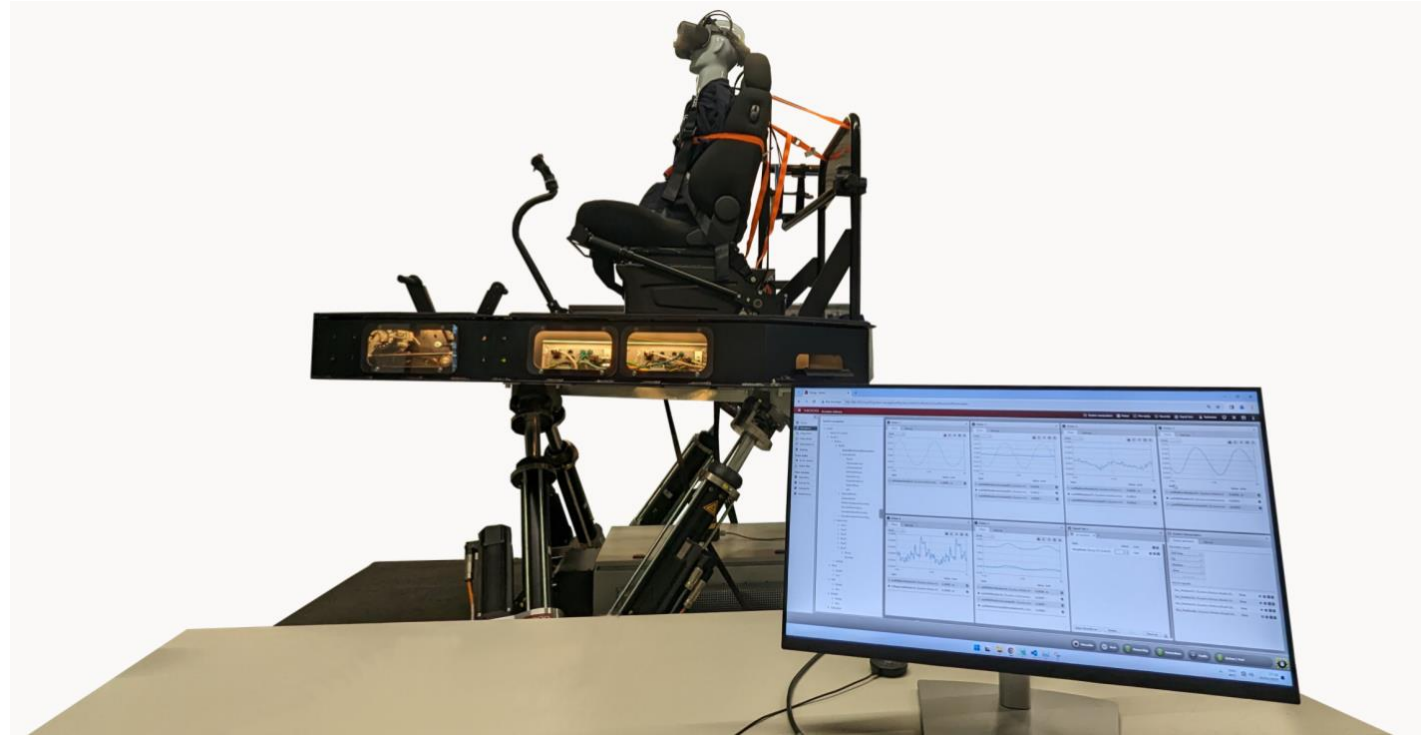
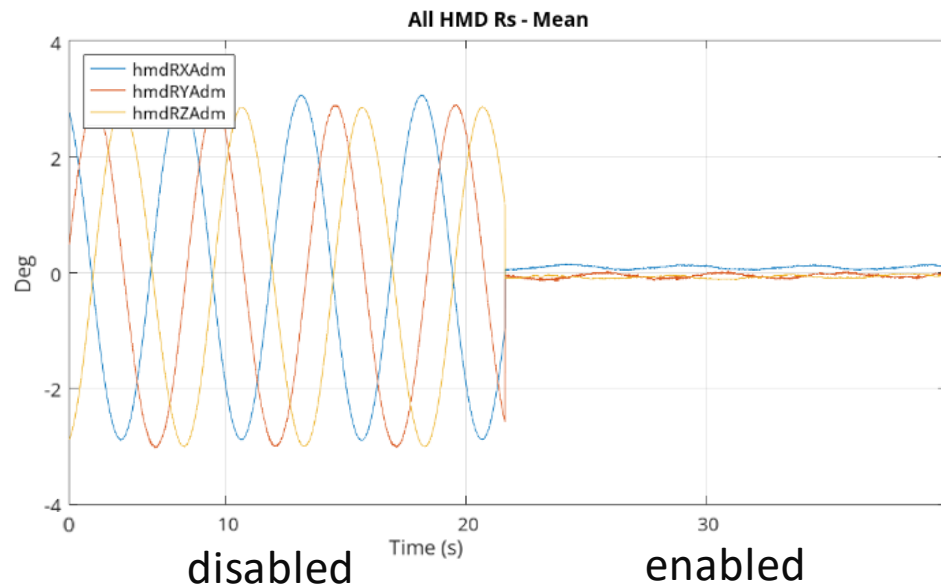
TEST SETUP AND MEASUREMENTS

HMD MOTION COMPENSATION SOFTWARE

Headset mounted rigid to motion platform

Motion movement inputs

Measure graphical changes on signal level



Measurement setup at Moog

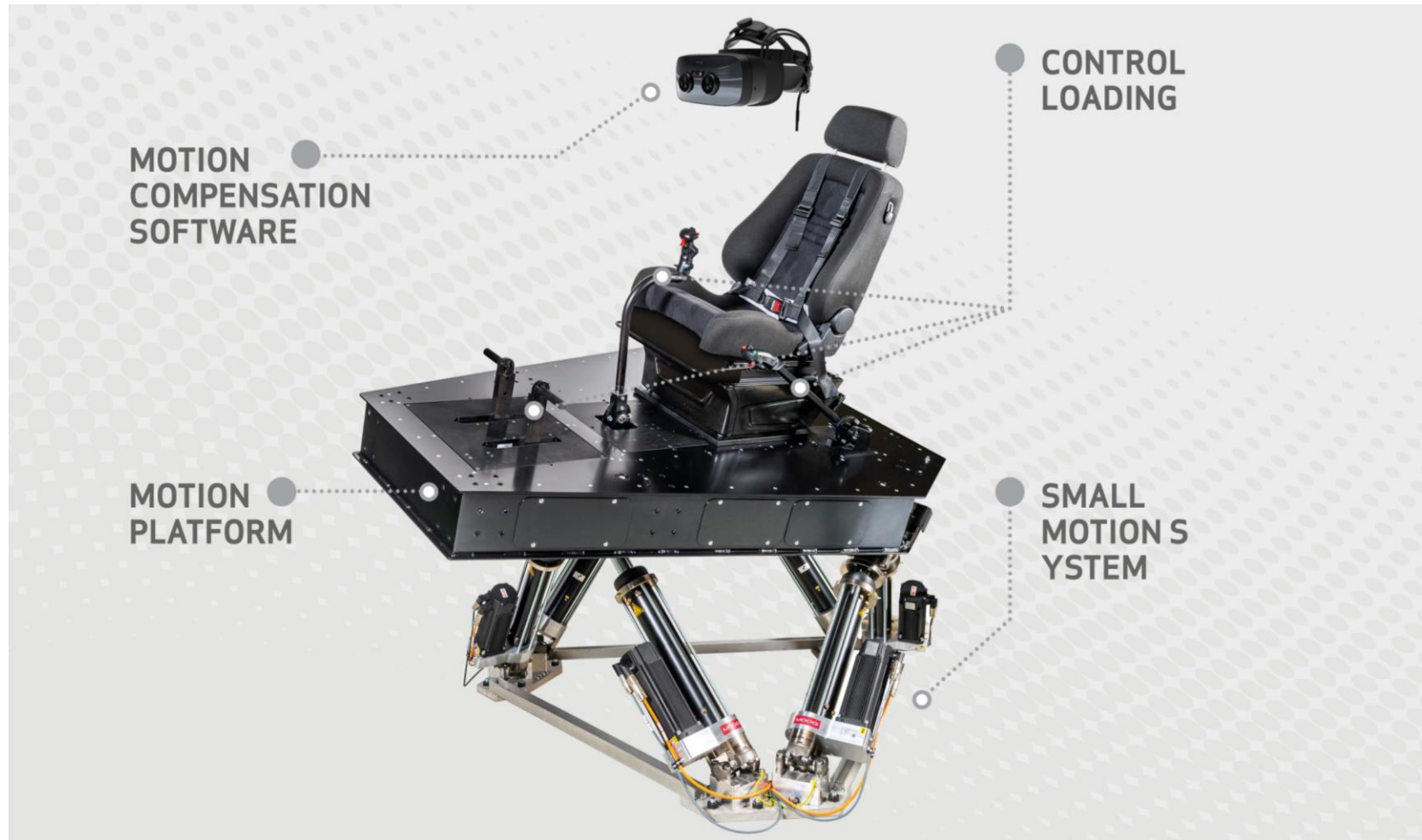
PUT IT INTO TEST

HMD MOTION COMPENSATION SOFTWARE



SETUP NEEDS

HMD MOTION COMPENSATION SOFTWARE



MOOG

/ THANK YOU /

LETS MAKE THE IMPOSSIBLE POSSIBLE
TOGETHER

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/ click to connect /

