We look forward to servicing your needs:

- We sale and rent driving simulators in different configuration stages.
- We distribute the software package DFA and the driving performance assessment tool S.A.F.E. for tablet PCs.
- We conduct clinical studies investigating the effects of medicinal drugs and diseases on driver fitness and ability according to ICH/GCP.

Together with you, we will design an individual simulator configuration to perfectly fit your field of application!

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WIVW employs an interdisciplinary team that specializes in traffic safety research. We focus on human machine interactions, traffic interactions, driver state, driver fitness and ability, driver training, and road construction. A major emphasis is put on the development of driving simulation solutions that are tailored to fit the individual needs of our customers. The basis of these solutions is the driving simulation software SILAB that was developed by the WIVW and applied by international OEMs, suppliers and R&D institutions.
WIVW driving simulators

WIVW driving simulators combine the advantages of classical psychometric test batteries and on-road trials, at once they solve their shortcomings:

• High quality hardware (steering, pedals and displays) ensures a very realistic driving experience fully accepted by subjects.
• Subjects can practice compensatory strategies as if they were in real traffic.
• Neither subjects nor other road users are endangered.
• Test scenarios can be systematically designed, presented, and reproduced.

Depending on your field of application, you can select an individual solution from numerous simulator configurations that best suits your needs.

Software package “Driver Fitness and Ability” (DFA)

The scenario package “Driver Fitness and Ability” guarantees a high methodological quality:

• You can comfortably compile test courses via drag and drop, choosing from more than 50 scenarios for highway, rural roads and urban traffic.
• Test scenarios are representative of real driving situations and have been validated in an alcohol reference study.
• The scenarios have also been proven to be sensitive to neurological conditions and psychoactive substances in prior clinical studies.
• The scenario package runs on different simulator configurations.

Standardized Application for Fitness to Drive Evaluations (S.A.F.E.)

Our driving performance assessment tool S.A.F.E. for tablet PCs allows you to easily evaluate your subjects’ driving performance via a profile of numerous theoretically well-founded endpoints:

• Global expert ratings
• Semi-automatical registration and classification of driving errors
• Well-established tactical and operational driving parameters recorded by the simulation

Results are depicted in a vivid test log and saved in a data file that is compatible with common statistical software packages.