

Transversal competencies



**INMIND-VR**

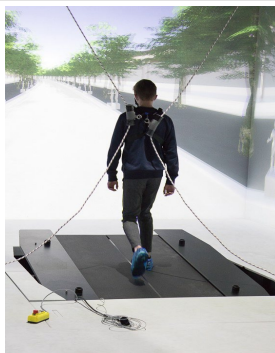
Originally developed to evaluate astronaut' orientation abilities, InMind-VR now brings Neuroscience expertise powered by its revolutionary software solution using virtual reality for research labs, medical monitoring and complex environments. Our solutions complement current psychological testing. We assess your teams' neuropsychological features (stress, memory, mental workload, pre burn-out evaluation), we develop specific protocols and create standards for your staff, population or cohort.

## COMPETENCIES & CAPABILITIES

InMind-VR is a technological integrator, with its sets of solutions synchronizing all technologies for human behaviors investigation based on physiological, brain and behavior measurements. Develop and run your own cave and VR protocols, combined with 2D/3D and questionnaires in one click, and pre-analyses toolboxes.

InMind-VR is a scientific integrator, gathering and opening the neuroscientific knowledge to its partners and clients. It is a scientific hub, developing and managing consortium of the most renowned neuroscience specialists, to fit the very specific needs of its partners.,

Our partners and clients range from the automotive and aeronautic industry (Airbus, European Space Agency), research and health (clinical trials ongoing), the marketing and industry (office work stress evaluation), up to humanitarian refugees help (development of pre-diagnosis tools during crisis).



# InMind-VR

## PRODUCTS & SERVICES

InMind-VR proposes ready-to-use sets of cognitive (mental load, cognitive fatigue...), affective (stress, anxiety, burn-out...) and sensory assessments. These sets are ideal to monitor your team members' health.

InMind-VR can also develop tailor-made protocols, designed for your very own field of work, and for difficult and very specific environments you can meet.

InMind-VR is able to monitor physiological, brain and behaviors during your most difficult task (such as piloting), to assess cognitive function and performance loss. This are key elements to develop biomarkers and algorithms dedicated to online monitoring of cognitive/affective functions, such as stress or fatigue detection.

InMind-VR offers a software solution dedicated to human factor analyses, physiological and brain recording. Easy to master for specialists and researchers, no-code to develop 3D/VR/cave protocols, fast development, proprietary data, no cloud.

## MAJOR SPACE PROJECTS & REFERENCES

InMind-VR is currently powered by ESA-Bic Nord and Nubo / TechTheMoon CNES incubators. Its solutions have been validated to measure the performance of spatial orientation and attentional capacities in microgravity during parabolic flights. This complete solution will allow to optimize the selection, the preparation and monitoring of the performances of the future astronauts and Moon workers for their safety and the success of their missions.

In addition, research and clinical evaluation of the human factor in spatial environments need unification and simplification of methodological tools. Our tool is an integrated software platform to standardize and share research, evaluation and human monitoring protocols. The goal is to be able to use these tools for research on Earth or in space station, as well as for the evaluation of cognitive and behavioral functions in lunar base.

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**TURNOVER**

**WORK FORCE** 5 employees

**SPACE TURNOVER**

**SPACE WORK FORCE** 5 employees