



ERGONOMIC DESIGN

DESIGN REVIEW

ERGONOMIC
ASSESSMENT

CAD MODEL
VALIDATION



VIRTUAL REALITY & ERGONOMIC DESIGN



SIMULATE, TEST AND OPTIMIZE WORKPLACE ERGONOMICS

Ergonomic design helps doing «**Right the First Time**», reducing long-term costs and including different stakeholders from the earliest stage of the design (Methods, Ergonomy, Maintenance, R&D, etc.).

By putting People at the core of a design process, virtual reality can be applied to many different steps of a project to combine **performance, health and occupational safety**.

APPLICATIONS

DESIGN REVIEW

- Real-time visualization and annotation of CAD models
- Immersive and collaborative work environment

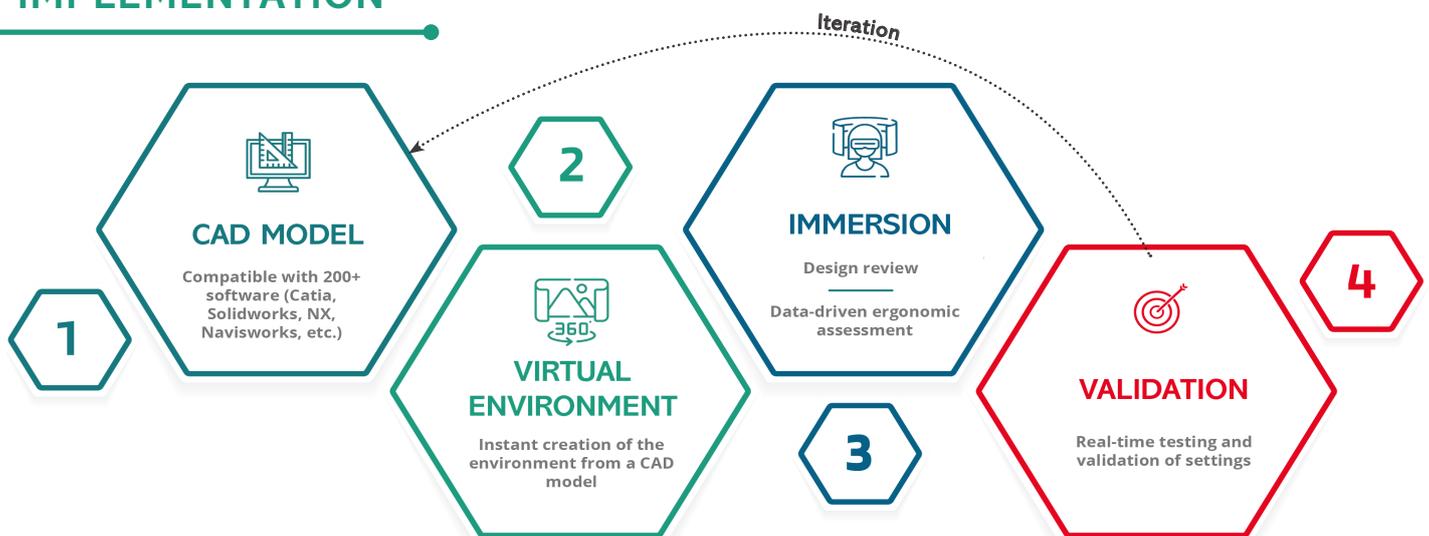
DATA-DRIVEN ERGONOMIC ASSESSMENT

- User projection in the virtual environment
- Postural constraints mapping
- Integration of CAPTIV Software analyses

CAD MODEL EDITION AND VALIDATION

- Real-time iterative edition
- Anticipation of constraints associated with the deployment of the solution (workstation, production line, etc.)

IMPLEMENTATION



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