



ERGONOMIC VERIFICATION IN 3D VIRTUAL SPACE

THE FORTUNE 100 ENTERPRISE TECHNOLOGY IS NOW AVAILABLE FOR YOU IN THE CLOUD



REDUCE
FLUCTUATION



INCREASE
EFFICIENCY

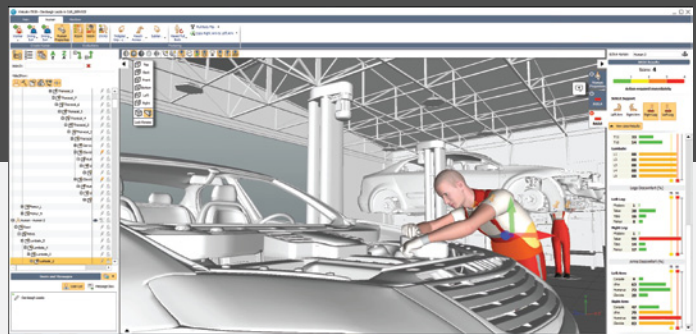
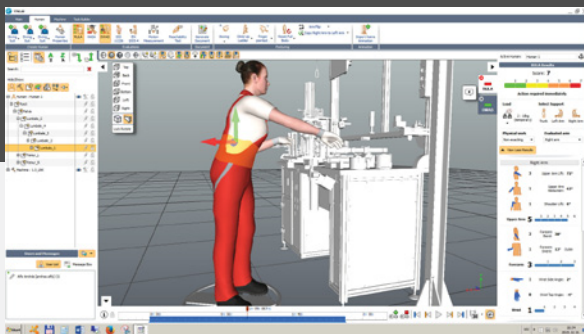


PRE-VALIDATE
WORKFLOW



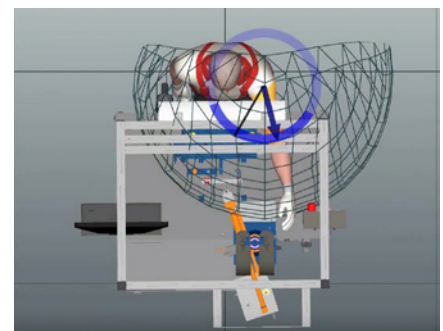
SPEED UP
PROTOTYPING

ERGONOMICS IS THE RETURNING INVESTMENT



VIVELAB ERGO

ViveLab Ergo is a high-performance cloud computing innovative simulation system that is perfectly capable of modeling machines, robots and people moving in a given physical environment. Harmonizing the co-operation of these three elements in the industry's 4.0 era is an indispensable task. Using an anthropometric database containing millions of samples, it precisely models ninety-nine percent of human population's anatomical characteristics. It highlights the health-damaging effects of forced movements caused by incorrect workplace design.



MAIN FIELDS OF APPLICATION

Reducing fluctuation, reducing the number of workers being on sick leave

Increase operational efficiency through faster processes and lower scrap rates

Ergonomic validation in product design and prototype manufacturing

Employer brand development by healthier and more comfortable workflows, employee retention

Ergonomic profiling prior to the installation of new workstations or production lines

Applicability of changed working capacity and older workers, expansion of potential workers

KEY PRODUCT FEATURES



ANALYSIS AND REPORTS

Use **seven professional analyses** (RULA, OWAS, NASA-OBI, ISO 11226, EN 1005-4, reachability zone, spaghetti diagram)

Compared to traditional ergonomic visual inspection, the software accurately captures motion, which can be replayed from any angle in the 3D environment. The methods of analysis do not need to be selected prior to the test. In ViveLab Ergo, the analysis that are the basis of the test can be modified at any time.

All of the built-in analyses can be saved as clear PDF report.



"Our mission is to provide fast and accurate 3D virtual ergonomic tests, analysis and planning for wide range of companies to create optimal working environments and workflows for health, efficiency, and competitiveness."

Dipl. Des. Dipl. Inf. László Ördögh, Founder, CTO