

PRESS RELEASE

Modern digital manikin for ergonomic product design

Human Solutions participates in DHErgo – a European project

Kaiserslautern (Germany) / Bron (France), 22. October 2008 –

On September 1st 2008, the Human Solutions GmbH became a participating company in the DHErgo project. The objective of this project is the development of a modern digital manikin for ergonomic product development. During the project, a discomfort analysis and the simulation of human muscles and of the skeleton will be developed. "In future, the DHErgo manikin will be capable of simulating complex motion sequences, task-related loads, the gradual changing of human movements with increasing age and the interaction of the human being with his environment", explains Hans-Joachim Wirsching, Project Manager with Human Solutions.

"In this age of globalization, the reduction of product development time and costs is an important objective for the automotive industry. Digital manikins still offer a great deal of potential in this respect, because errors - and the resulting costly prototype development - can be drastically reduced with the help of analyses carried out at early stage. The development of DHErgo presents an opportunity for us to further develop RAMSIS, the world's leading human model and to equip it with new functions", said Mr. Andreas Seidl, Managing Director of Human Solutions GmbH.

Human Solutions GmbH

Human Solutions GmbH is a global software and system house with around 70 employees in Kaiserslautern, Germany and Detroit, USA. The company develops and sells hardware and software solutions for body scanning, ergonomics and simulation applications. Human Solution's customer list has currently over 300 names - these include well-known companies like Daimler, BMW, Volkswagen, Airbus Industries and the US and Swiss Armies, plus retailers like the chain stores Karstadt and Kaufhof, fashion houses like Hirmer und Engelhorn, apparel manufacturers such as Odermark, Scabal, van Laack and many, many more.

DHErgo (Digital Humans for Ergonomic design of products)

The DHErgo project will run for 36 months starting at September 1st, 2008. The project consortium consists of 10 companies / institutes, divided into 4 groups:

- **Project coordination and project management:** ERT (European Research Transport)
- **Universities and research institutes:**
 - INRETS (French National Institute for Transport and Safety Research)
 - Technical University of Munich
 - CEIT (Centro de Estudios e Investigaciones Técnicas de Gipuzkoa)
 - University Library of Brussels
- **Software development:**
 - Human Solutions
 - ESI
- **Automotive industry:**
 - BMW
 - Renault
 - PSA

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