ALGORYX SIMULATION AB, SWEDEN

ABOUT US

algoryx
MULTIPHYSICS AND 3D SIMULATION

IN SHORT

- ✓ A spin-off from Umeå University in 2007.
- ✓ World leading provider of software and services for visual and interactive physics based simulation for professional use.
- ✓ Scientific foundation ensures engineering precision.
- ✓ Algoryx does not sell simulators, thus not competing with any global customers.
- ✓ Consists of a team of around 20 developers, engineers and researchers (2014).

ABOUT ALGORYX

Algoryx Simulation is a leading provider of software and services for visual and interactive physics based simulation. Our solutions are enabling for virtul training systems, and for simulation driven product and process development.

Algoryx currently provides three products, AgX Dynamics and Dynamics for SpaceClaim for the professional market and Algodoo for the education market. In addition, AgX Dynamics is OEM licensed and integrated into many end user simulation and simulator solutions.

Algoryx engages a team of developers and researches, many with more than 15 years of experience in interactive simulation. Together we have designed and developed a next generation physics engine with fidelity, performance, functionality and extensibility that surpasses all comparable solutions on the market.

HISTORY

Algoryx Simulation AB was formed as a spin-out from Umeå University in 2007, involving researches from the High Performance Computing Centre North (HPC2N), VRlab, and the departments of Computing Science and Physics. Recently these academic research groups have formed a new center, UMIT, which is now one of the leading centers in northern Europe in computational science and engineering.

Algoryx is also a result of a long and prosperous R&D collaboration between Umeå university and a previous (1999) spin-out company Oryx Simulations AB, today a global leader in the vehicle simulator market.

MISSION

Our ambition is to offer the number one solutions for interactive multiphysics simulations in the world. We believe that visual and interactive multiphysics simulation is one of the true challenges in science, and a strong enabling technology for the industry, as well as for education, for many decades to come.

We keep a strong position by always leveling up and pushing to find new techniques, processes and products that excel over comparable solutions on the market. Close collaboration with academic research is important to us, and we invite researchers, students and projects to collaborate with us.