Innovation is about freedom. The freedom to apply a fresh view of the world. The freedom to evolve; and to resonate with a greater purpose. Whether you build upon the existing or aim to disrupt and simplify, your innovation emerges through your playful and inquisitive mind-set, through experimentation and rapid learning; and your ability to interact with and influence your peers. Modern simulation technology is key in this dynamic process and provides the freedom to be humanly playful, well-understood and ultimately brilliant.

- Know your design, and be brilliant -

Request a live demo at www.algoryx.se, or via your SpaceClaim reseller

Algoryx
Algoryx Momentum 2.0 - Features

Python Scripting
- Gain deep control of your design and accumulate your in-house algorithms and techniques

Language... what would humans be without it? Language is how we stand on the shoulders of giants, make sense of the world and accelerate our collective knowledge and ability. Now, Python is a language too - a scripting language. And it gives you access to invaluable engineering algorithms created by a vast and vibrant expert community, helps you decipher the intricacies of your engineering system; and accumulate your expertise over time and throughout your engineering team.

Observer Frames
- Gauge, probe and control from any dynamic location

These nifty objects lock on to the mechanical parts of your design, and serve as dynamic vantage points that enable complete access and control. Do with them, what you want.

Contact Forces
- Measure and design

Automatic dynamic elastic frictional 3D contacts are naturally still a part of the Algoryx Momentum paradigm; and now you can measure the transient forces that they endure.

And as always, to make you brilliant;
- Rich simulations that allow your designs to speak for themselves
- State-of-the-art CAD (ANSYS SpaceClaim)
- AGX Dynamics unified physics technology

Algoryx Simulation AB develops state-of-the-art multibody dynamics simulation technology. Its work is based on novel scientific methods and makes it possible to execute very demanding dynamic simulations with high accuracy, stability and performance. Algoryx Simulation’s physics engine, AGX Dynamics, holds a leading position in modern training simulator applications, where accuracy, performance and interactivity are key elements in complex and naturally unfolding scenes and mechanical events.

For more information, please reach out to contact@algoryx.se or your local SpaceClaim reseller.