

Dassault Systèmes Acquires Modelon GmbH

A New Milestone to Achieve “Ready-to-Experience” Mechatronics Systems

VELIZY-VILLACOUBLAY, France — April 23, 2015 — [Dassault Systèmes](#) (Euronext Paris: #13065, DSY.PA), the 3DEXPERIENCE Company, world leader in 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions, today announced its acquisition of [Modelon GmbH](#), expert in “ready-to-experience” content for systems modeling and simulation which are strategic to transform the transportation and mobility industry. With this transaction, Dassault Systèmes reinforces its portfolio of industry-leading content, applications and services used in today’s age of experience.

In the context of the Internet of Things, smart, connected objects such as autonomous driving systems are increasingly showing their potential to profoundly change consumer lifestyles, yet their highly intricate and interconnected systems must seamlessly work together to do so. Electronics are expected to comprise 50 percent of vehicle development costs by 2030 and the number of electric vehicles worldwide is predicted to reach 12 million by 2021. Model-based systems engineering is an important facet of defining, imagining and shaping virtual products and user experiences that flawlessly mimic future ones in the real world.

Modelon GmbH’s proprietary, multi-physics modular and reusable content—based on the [Modelica](#) open standard modeling language—brings industries beyond digital mock up to deliver functional mock up, transforming the engineering and experimentation of connected vehicles. From electric power storage to electric power distribution, its portfolio delivers a unified picture of complex product subsystem interaction and performance, throughout the design process as well as during optimal system operations. This accelerates virtual product development and ensures the relevance and quality of transportation and mobility industry projects.

Dassault Systèmes’ Dymola technology, along with content and help from Modelon GmbH in high added value service projects greatly improved efficiency in making the game-changing technology of next generation electrified and hybrid cars such as the BMW i3 and BMW i8.

“Since 2009, our industry-proven content implements the latest advances in Modelica tools and standards and, as a result, has enabled major industry milestones,” said Johannes Gerl, CEO, Modelon GmbH. “As part of Dassault Systèmes, we can expand the reach and impact of our assets to inspire electrified and ecologic product development that will be emblematic of the bright future of experience-based systems engineering.”

“We welcome Modelon GmbH’s team of experts and its industry-proven solutions in our mission to demonstrate the transformative power of 3D universes,” said Bernard Charlès, President and CEO, Dassault Systèmes. “With our 3DEXPERIENCE platform and strong and growing ecosystem of content partners, we now look to replicate Modelon GmbH’s success in other industries such as aerospace, energy, process and utilities, and construction.”

Dassault Systèmes has long supported the use of the Modelica modeling language for the complex systems engineering at the core of the company's flagship brand CATIA. The acquisition of Modelon GmbH marks the latest step in reinforcing its commitment to design smart products in the age of experience, following the acquisitions of Geensoft embedded systems development solutions in 2010 and Dynasim's Modelica-based modeling and simulation solutions in 2006.

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About Dassault Systèmes

Dassault Systèmes, the 3DEXPERIENCE Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 190,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.

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