

Dassault Systèmes Introduces BIOVIA, Combines Accelrys and BioPLM

Dassault Systèmes



VÉLIZY, France and WASHINGTON — Dassault Systèmes, a 3-D design software company, has announced the introduction of its newest brand, BIOVIA. The new brand is a combination of Dassault Systèmes' own activities in BioIntelligence, its collaborative 3DEXPERIENCE technologies, and the life sciences and material sciences applications from the recent acquisition of Accelrys. The newly acquired company's solutions focus on biological, chemical and materials modeling and simulation, research and open collaborative discovery, enterprise laboratory and quality management, and process manufacturing intelligence.

Dassault Systèmes' BIOVIA is a large portfolio for the biological, chemical and material modeling, simulation and production domains. BIOVIA will provide enterprise-wide scientific, biological, chemical and material experiences, with next-generation applications, services, and content access and delivery leveraging Dassault Systèmes' 3DEXPERIENCE business platform. From material design to molecular simulation to chemical manufacturing, it is Dassault Systèmes' vision that BIOVIA will act as a disruptive catalyst to deliver virtual scientific universes capable of harmonizing products, nature and life.

"Today is an important day for Dassault Systèmes and one which I, personally, have been looking forward to for several years. Dassault Systèmes' previous research programs in life sciences and BioIntelligence were precursors to today's new brand and capabilities," said Bernard Charlès, President & CEO, Dassault Systèmes. "The integration of Accelrys' powerful applications with our 3DEXPERIENCE platform will create a new collaborative environment for advanced biological, chemical and materials experience development. With the power of BIOVIA, we will model the entire biosphere."

The integration of the company's 3DEXPERIENCE platform with Accelrys' strong suite of applications opens up a wide opportunity to support and develop systemic collaboration, project management, data and content reuse, traceability, and other processes, applications and integrations that are absolutely critical to scientific industries, including pharmaceutical companies that are facing significant innovation and drug discovery challenges.

"Accelrys' strategy is to provide customers with solutions and tools that will enable them to optimize the scientific innovation lifecycle from discovery to commercialization," said Dick Slansky, Senior Analyst PLM & Industry at ARC Advisory Group. "The acquisition of Accelrys by Dassault Systèmes will make the Accelrys scientific innovation platform available to enrich Dassault Systèmes' molecular chemistry capabilities in the life sciences, CPG and manufacturing industry sectors."

"Our ambition is to provide industry and science the apps necessary to model the biosphere. BIOVIA brings an enterprise-wide, systemic collaborative approach to enable innovation for pharmaceutical, CPG and other process-based industries," said Max Carnecchia, CEO, BIOVIA, Dassault Systèmes. "The sophisticated enterprise system of modeling, simulation, and laboratory and quality management enables innovation for almost every industry."

Aside from the pharmaceutical and biotech industries, manufacturing companies, including Boeing, Toyota, Samsung and others, are using BIOVIA to explore and bring to market new materials, such as smart coatings, lighter, stronger composites, and ecosustainable material innovations.

Such companies are fast approaching the point of using material as a variable, not a constraint. To do so, the ability to manage product information at the molecular level in a scalable manner is essential throughout the value chain. In addition, today's aggressive industrialization of research, development and manufacturing processes is driving the adoption of an integrated business platform capable of handling diverse information types in collaborative and compliant environments.

"PLM software users focused on commercialization and new product introduction will be exposed to R&D tools that expand product innovation and multichannel opportunities," wrote Michael Shanler, Research Director at Gartner. For further information, refer to Gartner Research Report G00262297, "Dassault Adds Scientific and Lab Informatics Power with Accelrys."

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