

Sanofi adds 3D Experience to manufacturing facilities at Singapore, France

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3DEXPERIENCE platform models will enable Sanofi to generate virtual twins to drive the agility, reliability and performance of new facilities

Dassault Systèmes and Sanofi have announced their partnership to optimise “EVolutive Facility” production at Sanofi’s future state-of-the-art modular manufacturing facilities in France and Singapore. The partnership, which expands their long-standing collaboration in life sciences and healthcare, will leverage virtual twin experiences to enable agile and flexible operations that advance Sanofi’s ambition to secure its product portfolio.

Sanofi will use Dassault Systèmes’ “Made to Cure for BioPharma” industry solution experience based on the 3DEXPERIENCE platform to design, implement, qualify and operate modular production lines at the two “EVolutive Facilities.” These will rely on single-use technology and mobile equipment to manufacture up to four products simultaneously and sustainably by selecting the most advanced technologies to reduce their energy consumption.

The platform provides a virtual environment for collaborative innovation and end-to-end data management across the life cycle. Sanofi can experience the manufacturing systems under development and their operation virtually and optimize scale up and industrialization processes before deploying them.