

Caterpillar Deploys Dassault Systèmes’ “Single Source for Speed” Industry Solution Experience

Simulation of Real-World Industrial Equipment Operating Conditions with 3DEXPERIENCE Platform Optimizes Quality and Durability

VELIZY-VILLACOUBLAY, France — April 4, 2016 — [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 that [Caterpillar Inc.](#), the world’s leading manufacturer of construction and mining equipment, diesel and natural gas engines, industrial gas turbines and diesel-electric locomotives, is deploying the 3DEXPERIENCE platform. With the “[Single Source for Speed](#)” industry solution experience, Caterpillar can virtually evaluate the performance, quality and durability of future products before committing to physical prototypes.

“Single Source for Speed” leverages SIMULIA applications to virtually predict real-world behavior of component parts, large scale structures, and complete systems before manufacture and start-up. With a deeper understanding of a product’s function earlier in the design cycle, heavy equipment manufacturers can quickly detect and resolve design issues, explore design alternatives and better comply with requirements, without physical testing.

“Heavy mobile machinery and equipment manufacturers design some of the most complex products in the world under highly competitive market conditions,” said Philippe Bartissol, Vice President, Industrial Equipment Industry, Dassault Systèmes. “Although simulation plays a central role in testing and validating, it is often performed late in the design cycle using a variety of niche tools. The 3DEXPERIENCE platform helps companies like Caterpillar reduce development costs and satisfy their customers with robust product performance.”

For more information on Dassault Systèmes’ industry solution experiences for Industrial Equipment, visit: <http://www.3ds.com/industries/industrial-equipment/>

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 210,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.

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