

## Leading German Automaker Redefines Electric Mobility Using Dassault Systèmes' Solutions

### *CATIA Composites Design Applications at the Core of the World's First Mass-Produced Carbon Fiber-Reinforced Vehicle*

MUNICH, Germany — April 24, 2014 — [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, announced today that leading German car manufacturer [BMW Group](#) used Dassault Systèmes' CATIA Composites applications to develop its revolutionary lightweight and emission-free [BMW i3 electric car](#).

"BMW Group leveraged Dassault Systèmes' comprehensive and integrated industry solution experiences for the design and manufacturing of composite parts and structures", said Monica Menghini, Executive Vice President, Corporate Strategy, Industry & Marketing, Dassault Systèmes.

"Utilizing composite structures gives vehicle manufacturers the innovation space they need to create new mobility experiences while meeting ever more stringent regulatory targets," said Philippe Laufer, CEO, CATIA, Dassault Systèmes. "We are proud that our long term investment in building integrated design and manufacturing solutions for composite materials, in partnership with industry leaders, helped BMW Group revolutionize mass production of composites structures in such an impressive way. This is yet another demonstration of our commitment to bring design into the Age of Experience with our CATIA applications portfolio."

With the CATIA Composites Design applications composites manufacturing constraints can be embedded early in the conceptual stage, enabling increased design iteration and early collaboration between design and manufacturing. Designers and producers are also able to realistically experience the manufacturing process, visualizing the material fiber orientation. This helps detect any deformations that can compromise strength, quality and production due to a difference between the final product and the design intent.

CATIA Composites applications provide a seamless experience with digital continuity, from design to manufacturing, predicting manufacturability. The specific composite-related features of the CATIA application allowed faster composites assemblies and components designs.

For more information on Dassault Systèmes' solution experiences for the transportation & mobility industry, please visit [www.3ds.com/industries/transportation-mobility/](http://www.3ds.com/industries/transportation-mobility/).

For more information on Dassault Systèmes' design and simulation process experiences for composites, please visit [www.3ds.com/composites](http://www.3ds.com/composites).

### **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](http://www.3ds.com).

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