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## Stratasys Partners with Dassault Systèmes to Improve Performance of Additively Manufactured Production Parts

*Collaboration with Dassault Systèmes' SIMULIA to enable final part designs that are optimized for weight and strength for aerospace and automotive applications*

*New GrabCAD Print Add-In for Dassault Systèmes' SOLIDWORKS allows users to estimate and print parts without leaving the SOLIDWORKS environment*

LOS ANGELES--(BUSINESS WIRE)-- **SOLIDWORKS World 2017** - [Stratasys Ltd.](http://www.stratasys.com) (Nasdaq:SSYS), the 3D printing and additive manufacturing solutions company, today announced that it is partnering with [Dassault Systèmes](http://www.dassault-systemes.com) to provide next generation design tools that improve the functionality, efficiency and weight ratio of additively manufactured production parts.

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20170207006316/en/>



The weight of this Stratasys 3D printed circuit box for space applications was reduced by 30% using SIMULIA design optimization (Photo: Business Wire)

"For additive manufacturing to reach its true potential, engineers need tools that will allow them to harness the virtually limitless geometric freedom that it provides. By fully simulating the unique characteristics of the FDM process, we're able to bring unprecedented accuracy and speed to the design and validation process," said Scott Berkey, CEO, SIMULIA, Dassault Systèmes. "We're pleased to be partnering with Stratasys to bring these critical capabilities to customers."

A joint [webinar](#) entitled 'Simulation-Driven Design and 3D Printing with Dassault Systèmes and Stratasys' will be hosted live on **Thursday, February 16, 2017** and will provide further details on the collaboration and early solution capabilities.

"Stratasys shares Dassault Systèmes' vision for a fully integrated, end-to-end design to additive manufacturing solution. This partnership brings Stratasys one step closer to that vision with high performance simulation tools that accurately represent the fused deposition model process," said Jon Stevenson, Senior VP Global Software, Stratasys. "We believe the solution's predictive capabilities and efficient workflow will significantly expand the range of parts that can be confidently

The companies have collaborated on design and simulation capabilities for Dassault Systèmes' 3DEXPERIENCE platform which support Stratasys' FDM® 3D printers and materials. These new industry leading capabilities include:

- | **Design optimization** for lighter weight parts - 3D printed in a fused deposition modeling process (FDM), using less material than a traditional manufacturing technology to achieve the same performance. Weight savings increase efficiency and reduce cost beyond what is possible with traditional manufacturing processes.
- | **Strength and fatigue analysis** that gives the confidence to expand applications for load-bearing 3D printed FDM parts and provide the tools needed to support part qualification.
- | **Print process simulation** providing further insights into the residual stresses and performance of the 3D printed FDM part.

produced with Stratasys FDM-based 3D printing solutions. These are already being used to create production parts by companies like United Launch Alliance, Opel, Volvo Trucks and Daihatsu."

A long-time member of the SOLIDWORKS Partner Program, Stratasys is also announcing a GrabCAD Print Add In for SOLIDWORKS. It enables the user to estimate and print parts without leaving the SOLIDWORKS environment, making 3D printing on Stratasys systems accessible to the entire community of SOLIDWORKS design and engineering professionals. Functions include material selection, slice height selection, part orientation, automatic layout, and more.

The announcements are made at SOLIDWORKS World 2017 being held in Los Angeles, February 5 - 8. Conference attendees will have the opportunity to learn more about these capabilities in Stratasys' booth #701 in the Partner Pavilion.

### **About Stratasys**

For more than 25 years, Stratasys Ltd. (NASDAQ:SSYS) has been a defining force and dominant player in 3D printing and additive manufacturing - shaping the way things are made. Headquartered in Minneapolis, Minnesota and Rehovot, Israel, the company empowers customers across a broad range of vertical markets by enabling new paradigms for design and manufacturing. The company's solutions provide customers with unmatched design freedom and manufacturing flexibility - reducing time-to-market and lowering development costs, while improving designs and communications. Stratasys subsidiaries include MakerBot and Solidscape, and the Stratasys ecosystem includes 3D printers for prototyping and production; a wide range of 3D printing materials; parts on-demand via Stratasys Direct Manufacturing; strategic consulting and professional services; and the Thingiverse and GrabCAD communities with over 2 million 3D printable files for free designs. With more than 2,700 employees and 1,200 granted or pending additive manufacturing patents, Stratasys has received more than 30 technology and leadership awards. Visit us online at: [www.stratasys.com](http://www.stratasys.com) or <http://blog.stratasys.com>, and follow us on [LinkedIn](https://www.linkedin.com/company/stratasys).

### **Note Regarding Forward-Looking Statements**

The statements in this press release relating to Stratasys' expectations of the benefits that it will receive from its partnership with Dassault Systèmes' SIMULIA and Stratasys' expectations of the benefits that users will gain by using the Dassault Systèmes' 3DEXPERIENCE platform, are forward-looking statements reflecting management's current expectations and beliefs. These forward-looking statements are based on current information that is, by its nature, subject to rapid and even abrupt change. Due to risks and uncertainties associated with Stratasys' business, actual results could differ materially from those projected or implied by these forward-looking statements. These risks and uncertainties include, but are not limited to: the risk that the benefits that Stratasys expects from the partnership will not materialize, or could be less, than Stratasys currently expects, due to technical or other unforeseen reasons; and other risk factors more fully explained under the caption "Risk Factors" in Stratasys' most recent Annual Report on Form 20-F, filed with the Securities and Exchange Commission (SEC) on March 21, 2016. Stratasys is under no obligation (and expressly disclaims any obligation) to update or alter its forward-looking statements, whether as a result of new information, future events or otherwise, except as otherwise required by the rules and regulations of the SEC.

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