



# News Release

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## 3D Systems Brings its Most Advanced 3D Digital Design and Fabrication Tools to SolidWorks World 2015

- 3DS' digital thread provides seamless digital workflow between design and traditional and additive manufacturing processes
- Direct Metal Printing delivers fully dense, precision parts for the most demanding industrial applications
- Intuitive scan and capture devices, combined with haptic 3D stylus and software suite, enable true-to-life 3D design experience

**ROCK HILL, South Carolina, February 5, 2015** – [3D Systems](#) (NYSE:DDD)

announced that it will be showcasing how its design-to-manufacturing digital thread increases productivity and expands possibilities for designers, engineers and inventors at SolidWorks World 2015, February 8-11 at the Phoenix Convention center, Phoenix, AZ, booth 717. Featuring a full range of its latest 3D printing, software and scanning technologies, 3DS will demonstrate the power, versatility and seamless integration of its 3D design and digital fabrication solutions, and welcomes visitors to experience them first hand.

3DS' advanced technologies on display include Direct Metal Printing (DMP), Stereolithography (SLA), Micro-SLA, Plastic Jet Printing (PJP), Multi-material 3D printing, integrated 3D software and scanning, and its Touch™ haptic 3D stylus. 3DS' integrated portfolio of design-to-manufacturing solutions continues to meet the demands of engineers in aerospace, automotive, medical device design, industrial design, consumer goods, heavy equipment, jewelry design, dental, medical and more.

“We are excited to showcase the most advanced generation of design-to-manufacturing technologies available in the market,” said Cathy Lewis, Chief Marketing Officer, 3DS. “3DS’ products work seamlessly with SolidWorks solutions to enable users in every sector to effortlessly incorporate 3D design and 3D printing, as well as traditional manufacturing capabilities, into their workflows.”

Products and solutions on display during the event include:

**Metal parts printing** – The ProX™ 200 Direct Metal Printer features 3DS’ class-leading accuracy and surface quality, with high-quality, fully dense metal parts for demanding high-capacity industrial applications.

**Scan-based design and inspection system** – 3DS’ Capture™ for SolidWorks® provides integrated scanner hardware and Geomagic® software for direct scan-to-CAD workflows. Leveraging the power of Geomagic, engineers can get highly precise scan data directly into SolidWorks with a range of tools to build solid and surface models directly from the scan data for direct use in engineering, design and innovation.

**Advanced composites and flexible materials in multi-material 3D printing** – New materials for the ProJet® 5500X offer enhanced versatility for models, functional prototypes and end-use parts, with tough, functional-grade, flexible elastomers in black and translucent. Combining the new materials with the VisiJet® white and clear ABS-like plastic print materials, the ProJet 5500X can create up to 14 unique materials in a single print.

**New materials and applications in Micro-SLA printing** – 3DS’ five new materials for its ProJet 1200 Micro-SLA 3D printer expand applications for dental labs, jewelers, manufacturers, engineers and 3D artists. New FTX Cast, FTX Gold and FTX Silver empower jewelers to bring their ideas to life through digital design and artistry, while FTX Gray and FTX Clear add to the powerful portfolio of material options for everything from small end-use parts to engineering presentation models to figurines.

**Reimagined engineer's desktop** – Visitors can experience 3DS' reimagined engineer's desktop, which combines desktop scanning, CAD, digital sculpting, prototyping, printing and inspection tools in a single integrated workstation. This includes the CubePro® professional desktop 3D printer, Capture scanner, and Geomagic Sculpt design software featuring Touch, a haptic 3D stylus that enables fast and accurate sculpting of organic designs with the added sensation of being able to actually feel designs in 3D space.

Learn more about 3DS' commitment to manufacturing the future today at [www.3dsystems.com](http://www.3dsystems.com).

### **About 3D Systems**

3D Systems is pioneering 3D printing for everyone. 3DS provides the most advanced and comprehensive 3D design-to-manufacturing solutions including 3D printers, print materials and cloud sourced custom parts. Its powerful digital thread empowers professionals and consumers everywhere to bring their ideas to life in material choices including plastics, metals, ceramics and edibles. 3DS' leading healthcare solutions include end-to-end simulation, training and integrated 3D planning and printing for personalized surgery and patient specific medical and dental devices. Its democratized 3D design and inspection products embody the latest perceptual, capture and touch technology. Its products and services replace and complement traditional methods with improved results and reduced time to outcomes. These solutions are used to rapidly design, create, communicate, plan, guide, prototype or produce functional parts, devices and assemblies, empowering customers to manufacture the future.

### **Leadership Through Innovation and Technology**

- 3DS invented 3D printing with its Stereolithography (SLA) printer and was the first to commercialize it in 1989.
- 3DS invented Selective Laser Sintering (SLS) printing and was the first to commercialize it in 1992.

- 3DS invented the ColorJet Printing (CJP) class of 3D printers and was the first to commercialize 3D powder-based systems in 1994.
- 3DS invented MultiJet Printing (MJP) printers and was the first to commercialize it in 1996.
- 3DS Medical Modeling pioneered virtual surgical planning (VSP) and its services are world-leading, helping many thousands of patients on an annual basis.

Today its comprehensive range of 3D printers is the industry's benchmark for production-grade manufacturing in aerospace, automotive, patient specific medical device and a variety of consumer, electronic and fashion accessories.

More information on the company is available at [www.3dsystems.com](http://www.3dsystems.com).