



# News Release

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## 3D Systems to Highlight 3D Design Freedom with Direct Metal Printing Webinar

- Showcases performance benefits of 'complexity is free' within 3D design and fabrication
- Features a real-world example of an optimized, printed aerospace bracket that shaves 40% off weight from original

**ROCK HILL, South Carolina, May 12, 2015** – [3D Systems](#) (NYSE:DDD) announced today its latest industrial webinar, "Complexity is Free," an in-depth look at how 3DS' advanced metal 3D printers enable manufacturers to leverage the unlimited complexity afforded by 3D printing to optimize the form and function of structural components. Through a series of real-world examples, attendees will see first-hand how 3D printing defies the limitations set by traditional manufacturing, allowing companies in a variety of industries to make end-use metal parts that weigh less, hold up to more stress and offer better performance characteristics, and operate more safely. This free webinar is scheduled for Thursday, May 14 at 11 am EDT (5 pm CET). [Click here to register.](#)

Freed from tooling clearances and other design limitations, manufacturers increasingly turn to 3DS' Direct Metal Printers (DMP) to produce highly complex, fully dense metal parts on demand. In just a matter of hours, engineers can create a superior part or functional assembly that is a ready to install into the most demanding end-use applications, from automotive to aerospace to personalized medical and dental care. Using 3DS' DMP printers, companies can print in a variety of metals, including aluminum, stainless steel, tool steel, cobalt chromium, titanium, and many other alloys. In addition, companies can also bring the advantage of 3D printed mass complexity to their casting processes with 3D printed patterns.

“We haven’t yet realized the full potential of 3D printing, especially in the industrial arena. Designing for 3D printing requires a change in how we think about design,” said Buddy Byrum, Vice President of Product Management, 3DS. “This webinar will show attendees that they can dream big without making sacrifices. New economies, better products, better functionality, vastly streamlined workflows, less post-production assembly—it’s all possible with 3D printing.”

This webinar will feature David Anderson of Exact Engineering who will share how he redesigned a critical aerospace bracket, reducing weight by 40%, while making the part stiffer than the original. Experts from solidThinking, a leading provider of design optimization software, will also demonstrate how easily structural components can be refined and 3D printed. Using solidThinking’s Inspire software and the unlimited complexity enabled by 3D printing, designers and engineers can cut unnecessary weight and material from parts, exponentially improving performance and safety.

To register for the “Complexity is Free” webinar on May 14 at 11 am EDT (5 pm CET), [click here](#).

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

### **About 3D Systems**

3D Systems provides the most advanced and comprehensive 3D digital design and fabrication solutions available today, including 3D printers, print materials and cloud-sourced custom parts. Its powerful ecosystem transforms entire industries by empowering professionals and consumers everywhere to bring their ideas to life using its vast material selection, including plastics, metals, ceramics and edibles. 3DS’ leading personalized medicine capabilities save lives and include end-to-end simulation, training and planning, and printing of surgical instruments and devices for personalized surgery and patient specific medical and dental devices. Its democratized 3D digital design, fabrication and inspection products provide

seamless interoperability and incorporate the latest immersive computing technologies. 3DS' products and services disrupt traditional methods, deliver improved results and empower its customers to manufacture the future now.

### **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 pioneered virtual surgical simulation (VSS™) and virtual surgical planning (VSP®), and its leading 3D healthcare products and services help doctors achieve better patient outcomes.

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).