



News Release

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3D Systems to Highlight Latest Breakthroughs in Advanced Manufacturing at IMTS 2014

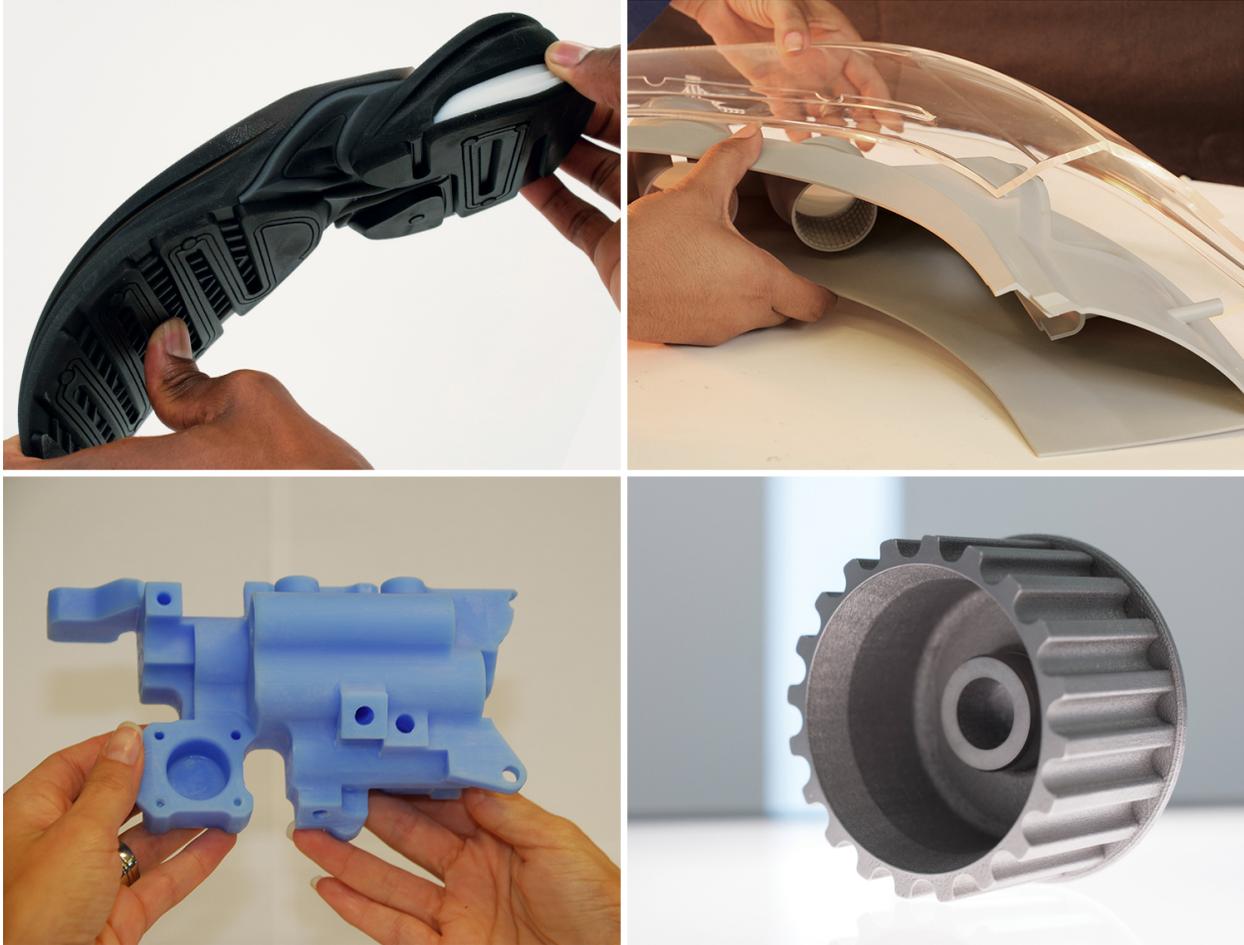
- Presentation by Avi Reichental, President and CEO of 3DS, on the Impact of End-to-End 3D Design-to-Manufacturing Solutions
- Live Demonstration of Industrial Grade Metal 3D Printing at Production Scale Throughout the Event
- Competitive Advantages of Integrated Digital Thread Workflow for SLS and SLA Advanced Manufacturing Use Cases

ROCK HILL, South Carolina, August 28, 2014 – [3D Systems](http://www.3dsystems.com) (NYSE:DDD)

announced today that it will be showcasing its most advanced 3D printing design-to-manufacturing solutions at the International Manufacturing Technology Show ([IMTS 2014, September 8-13 at McCormick Place in Chicago, IL \(Booth N-6073\)](http://www.imts2014.com)). At this event, the company plans to demonstrate how its industry-leading technology is localizing flexible manufacturing, and compressing re-tooling and production cycles.

“In a fiercely competitive world, it is vitally important for manufacturers in every industry to incorporate the most advanced production tools available today,” said Avi Reichental, President and CEO of 3DS. “Our 3D design and manufacturing products and services enable manufacturers to become nimbler and transform their businesses by shortening their time to value.”

[Reichental will speak on Monday September 8th, at 1:15 pm CT in room W-192B](#). He will discuss how manufacturers from industries including automotive, aerospace and healthcare are innovating by using 3DS’ solutions, and present specific customer case studies demonstrating the advantages of 3D printing. He will also provide his outlook on the future evolution of this disruptive manufacturing technology.



For decades, manufacturers have relied on 3DS' solutions to generate concept models and prototypes and to create same-day patterns and molds for tooling. Reichental will also discuss the rapidly expanding opportunities for tool-less printing of end-use production parts, and how businesses across industries are using 3DS' DMP, SLS[®], SLA[®] and MJP printers to produce complex, precision parts in a wide range of materials.

During the IMTS 2014 event, 3DS plans to demonstrate its powerful 3D design-to-manufacturing products that are specifically designed for the factory floor and the engineer's desktop. Showcasing key components of 3DPRINTING 2.0, 3DS' IMTS lineup will include demonstrations of its latest 3D printers, 3D engineering and design software, and samples from its diverse materials capabilities including direct metal, full-color plastic, multi-material and production grade Selective Laser Sintering and Stereolithography. The following will be on display:

Industrial-grade direct metal printing – 3DS will showcase its advanced industrial-grade metal printing, featuring the [ProX™ 200 Direct Metal Printer](#) (DMP). The latest evolution in metal printing, the ProX series of direct metal printers is specifically designed for the most demanding manufacturing floor conditions, delivering high-density, precise 3D-printed parts in a wide range of metals including steel, titanium alloys and aluminum.

Simultaneous, multi-materials composite printing – The [ProJet® 5500X](#) simultaneously prints and fuses together flexible and rigid material composites layer by layer in a variety of colors and shades, including opaque, clear, black or white and numerous shades of gray.

High speed, high capacity printing for durable plastic parts– IMTS visitors will have the opportunity to see 3DS' [ProJet 3500 HDMax](#) on display, along with the company's corresponding VisiJet® line of plastic materials. The ProJet 3500 HDMax's large build envelope and high speed printing mode give users the ability to produce high definition, performance-grade functional plastic parts in record time, and is redefining how professionals and manufacturers prototype, model, test, create molds and produce end-use parts.

3D printing for the Engineer's Desktop – 3DS will showcase its new [CubePro™](#) series of 3D printers, featuring the largest print volume in its class and multi-material capability. With three models for single, double or triple print heads for up to three colors, this sub-\$5,000, professional-quality, desktop 3D printer series offers a controlled environment print chamber to ensure hi-fidelity, true-to-design, quality results. The CubePro is available for order on [Cubify.com](#) and through affiliated retailers, resellers and distributors.

Integrated scan-to-design and inspection tools and print drivers – The company is showcasing its end-to-end digital thread, which enables users to reverse engineer objects, recreate and improve upon existing objects in a design environment, and physically reproduce objects on demand. The company will demonstrate this process at IMTS with its [Geomagic® Capture™](#) 3D scanner, the industry's first integrated scan-based design and inspection solution, along with its

suite of Geomagic software solutions and its new release of [Geomagic Verify™](#) software for first-article part inspection.

Find out more about IMTS 2014 at: www.imts.com and learn about 3DS' commitment to manufacturing the future at www.3dsystems.com.

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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 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 Color-Jet-Printing (CJP) class of 3D printers and was the first to commercialize 3D powder-based systems in 1994.

- 3DS invented Multi-Jet-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.

About IMTS

IMTS – International Manufacturing Technology Show

The largest and longest running manufacturing technology trade show in the United States is held every other year at McCormick Place in Chicago, Ill. IMTS 2014 will run September 8-13. IMTS is ranked among the largest trade shows in the world. Recognized as one of the world's preeminent stages for introducing and selling manufacturing equipment and technology, IMTS attracts more than 100,000 visitors from every level of industry and more than 112 countries. IMTS is owned and managed by AMT – The Association For Manufacturing Technology.

More information is available at www.IMTS.com.