



News Release

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3D Systems Partners with MirrorMe3D to Bring 3D Printing to Cosmetic Surgery

- Full-color 3D printed models give patients confidence and control during the consultation period
- 3DS' end-to-end healthcare digital thread allows surgeons to work seamlessly from scan to plan to procedure

ROCK HILL, South Carolina, October 15, 2015 – [3D Systems](#) (NYSE:DDD)

announced today that [MirrorMe3D](#), a New York-based startup, is using 3DS' end-to-end digital thread for healthcare to help deliver improved patient experiences during cosmetic surgery.

Dr. Carrie Stern, a New York-based surgeon, established MirrorMe3D in order to transform the plastic surgery experience for both patients and doctors. With 3D technology, MirrorMe3D is changing the overall approach to plastic surgery consultations and treatment plans, which at present are based on standard 2D photography. Patients can now better visualize what they may look like after a plastic surgery procedure. Using full-color 3D printed before and after models, MirrorMe3D is able to provide patients with a life-like physical representation of their potential surgical outcome. These patient-specific models provide confidence and control to patients during the consultation period, and serve as a valuable reference tool for plastic surgeons in the operating room. Watch a [video](#) to hear from a patient and practitioner on the impact of this 3D printing application in cosmetic surgery.



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“This is a game-changer in the field of cosmetic surgery,” said Dr. Stern. “3D printed models relieve a lot of the anxiety that patients have about their surgical outcome, and assist surgeons during procedures in the OR.”

MirrorMe3D’s innovative approach to plastic surgery is made possible by 3DS’ end-to-end digital thread in healthcare. Working closely with biomedical engineers at 3DS’ Healthcare facility in Golden, Colorado, 3D models are prepared for printing utilizing the latest Geomagic® Studio and Geomagic® FreeForm® software. Using 3DS’ ProJet® 660 full-color printer, the high-resolution models are then printed, post-processed and shipped to the plastic surgeon’s office for patient and doctor review.

“MirrorMe3D is a perfect example of how medical professionals today are combining 3D software tools and 3D printing in order to enhance their services and provide more personalized care,” said Kevin McAlea, Chief Operating Officer, Healthcare, 3DS. “From virtual surgical planning and simulation to 3D printed models, instruments and implants, our digital thread is powering the future of patient-specific healthcare.”

The full benefits of 3D printed patient-specific models for plastic surgery applications will be on display in MirrorMe3D’s booth at the upcoming annual meeting for the American Society of Plastic Surgery ([Plastic Surgery The Meeting](#)), October 16-20 in Boston.

To find out more about 3DS’ healthcare solutions and see how 3DS is manufacturing the future, visit 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 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 and commercialized its patented, ground-breaking force-feedback haptic devices in 1993.
- 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®) as part of its portfolio of leading 3D healthcare products and services.
- 3DS pioneered scan-based design with the release of the patented Geomagic Design X (XOR) software in 2006.

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.