



# News Release

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## 3D Systems' ProJet® 3510 and VisiJet® Pearlstone Material Verified by 3Shape for High Precision Dental Model Production

- First and only 3D printer solution verified by 3Shape for ultra-high fidelity prosthodontic dental model production
- Seamless integration with 3Shape Model Builder software for 3D model production with high accuracy, precision and ease of use
- Online access to 3DS' production facilities for on-demand model production

**ROCK HILL, South Carolina – May 29, 2014 – 3D Systems** (NYSE:DDD) today announced its ProJet® 3510 MP 3D printer and proprietary VisiJet® Pearlstone dental material have been verified by 3Shape for prosthodontic dental model production. Verified and integrated with 3Shape's Model Builder software, 3DS' ProJet 3510 MP is a proven solution for manufacturing prosthodontic dental models with accuracy, precision and push-button simplicity.

The ProJet 3510 MP is part of a comprehensive, personalized digital thread for dental model production, starting with models designed in Model Builder software direct from intraoral scans or physical impression scans, and output seamlessly on the ProJet 3510 MP with VisiJet Pearlstone material. The VisiJet Pearlstone dental material is available in both a Matte Plaster and Glossy print mode with a 30 micron layer thickness, an average accuracy of 50 microns and a stone-like finish.



Prosthodontic dental model printed on 3D Systems' ProJet 3510 MP with VisiJet Pearlstone material shown with 3D printed wax-ups made on 3D Systems' ProJet 1200 with VisiJet FTX Green material.

“Since we installed our ProJet 3500 series printer with Pearlstone we have printed thousands of models with incredible consistency and accuracy. It integrates seamlessly into the 3Shape digital workflow for the TRIOS intraoral scanner, and the post-processing labor involved with this printer is minimal,” said Rob Nazzal, CEO of Custom Automated Prosthetics. “Technicians are comfortable working with these models since they look and feel like stone, and the doctors love the superior fit of the all-digital restorations.”

3DS has also integrated its production services capabilities into the 3Shape software solution, so that Model Builder users without access to a ProJet 3510 MP can simply select 3D Systems from a pull down manufacturing output menu in the Model Builder software and order dental models from 3DS production facilities. 3DS will print the models on the ProJet 3510 MP direct from the Model Builder file and ship to the customer.

“We have performed all of the integrated design work to ensure seamless integration with 3Shape’s Model Builder software as part of a comprehensive digital thread,” said Lee Dockstader, Vice President Business Development, 3DS. “No other 3D printer has crossed this threshold and we are proud to announce our verification with 3Shape, as well as our production services capabilities to offer a proven dental model solution for Model Builder customers worldwide.”

“3D Systems’ ProJet 3510 MP and Pearlstone materials produce accurate, precise and high fidelity prosthodontic dental models direct from 3Shape’s Model Builder software, providing our customers with a complete digital workflow,” said Rune Fisker, Vice President Product Strategy, 3Shape. “We are also pleased to add 3D Systems as a manufacturing output provider in our integrated software solution so our customers can order dental models direct from 3D Systems through our software.”

For more information about the [ProJet 3510 MP](#) and [VisiJet Pearlstone materials](#), visit [3dsystems.com](http://3dsystems.com).

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### **About 3Shape**

3Shape is a Danish company specializing in the development and marketing of 3D scanners and CAD/CAM software solutions designed for the creation, processing, analysis and management of high-quality 3D data for application in complex manufacturing processes. 3Shape envisions the age of “full digital dentistry,” and its 400 employees, including more than 175 developers provide superior innovation power toward reaching this goal. 3Shape’s flexible solutions empower dental professionals through automation of real workflows, and its systems are applied in thousands of labs in more than 100 countries worldwide, putting 3Shape technologies at the peak of the market in relation to units produced per day by dental technicians. With TRIOS®, 3Shape now brings its vast expertise and innovation power directly to dentists. 3Shape boosts its first-line distributor support network with a training and support force of over 50 in-house experts placed in 6 support and service centers strategically located around the globe. 3Shape is a privately-held company headquartered in Copenhagen, with the market’s largest team dedicated to scanner and software development for the dental segment based in Denmark and Ukraine, production facilities in Poland, and Business Development & Support Offices at several locations in Europe, in North America, Latin America and in Asia. For further information regarding 3Shape, please refer to [www.3shapedental.com](http://www.3shapedental.com). Visit us on [www.facebook.com/3shape](https://www.facebook.com/3shape), or view our mobile site on [m.3shapedental.com](http://m.3shapedental.com).

### **About 3D Systems**

3D Systems is a leading provider of 3D printing centric design-to-manufacturing solutions including 3D printers, print materials and cloud sourced on-demand custom parts for professionals and consumers alike in materials including plastics,

metals, ceramics and edibles. The company also provides integrated 3D scan-based design, freeform modeling and inspection tools and an integrated 3D planning and printing digital thread for personalized surgery and patient specific medical devices. Its products and services replace and complement traditional methods and reduce the time and cost of designing new products by printing real parts directly from digital input. These solutions are used to rapidly design, create, communicate, prototype or produce functional parts 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.

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).