



News Release

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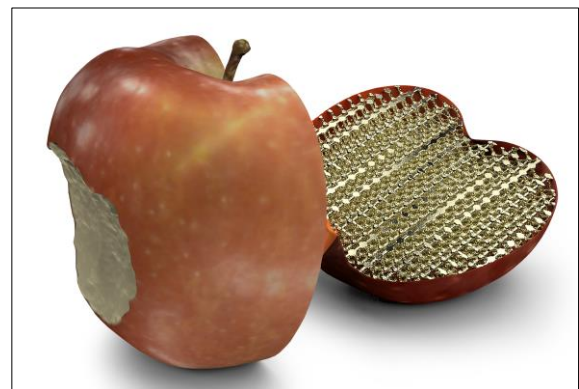
3D Systems Releases Geomagic Freeform 2016 for Organic Design and Digital Sculpting

- Introduces advanced 3D lattice and structure tools to the modeling process
- Delivers rapid 3D scan-to-design tools for seamless design workflows

ROCK HILL, South Carolina, March 24, 2016 – [3D Systems](http://www.3dsystems.com) (NYSE:DDD)

announced the release of its Geomagic® Freeform® 2016 software products, including Geomagic Freeform, Geomagic Freeform Plus and Geomagic Sculpt™. These updated software products offer professionals an organic engineering solution for precise, sculpted 3D design that bypasses the restrictions of geometric CAD platforms and enables the quick transition from design to production.

The new Geomagic Freeform 2016 products allow engineers, designers, artists, model makers and sculptors to solve complex design and manufacturing challenges with the industry's most comprehensive organic 3D engineering tools. These professional-grade products allow users to manipulate virtual clay models into any detail or form with an advanced set of tools to support 3D printing. Geomagic Freeform Plus extends these



New StructureFX tools in Geomagic® Freeform® 2016 software products deliver the ultimate in rapid creation of lightweight, complex structures, lattices, cages and more for 3D printed designs (credit for scan: Artec 3D)

toolsets with advanced manufacturing design capabilities, including automatic conversion of digital clay and polygons to NURBS surfaces, mold and die design, shelling, draft analysis, parting line and surface creation tools for complex organic shapes.

New features and functions of the 2016 Freeform products include:

- **Improved 3D CAD and direct scan data input.** 3D data can be scanned directly into Geomagic Freeform products using the Geomagic® Capture® scanner for a seamless scan-to-design workflow. Imported CAD data can serve as the basis for organic designs as well as be subjected to a complete Boolean toolset, ideal for subtracting mechanical parts from the finished product design.
- **New StructureFX™ toolset for lattice structures,** delivering the ability to create custom, internal and external lattice structures for intricate and lightweight designs. Advanced cage creation tools assist the design of structures for functional applications such as custom medical implants. StructureFX tools work alongside Freeform's advanced 3D print analysis tools to successfully 3D print advanced designs.
- **Improved 3D print analysis and printability tools** to streamline the design to manufacturing workflow. Freeform 2016 products include enhanced feature size analysis and print alignment tools to enable quality and repeatability in 3D printing. Integration with 3D**SPRINT**™ enables direct support of 3D Systems' suite of 3D printers, including print monitoring and queue management. Geomagic Freeform 2016 solutions also offer simple tools to repair faulty and low-grade 3D data for 3D printing, traditional manufacturing or a wide range of file format exports.
- **New Wrap® for Freeform Plus,** enabling an enhanced workflow of improved CAD surface output for use downstream. Existing Geomagic Freeform Plus customers on current maintenance now also have access to a version of Geomagic Wrap® at no charge.

Geomagic Freeform products work exclusively with 3D Systems Touch™ haptic devices to deliver the physical sensation of sculpting in a virtual environment. This intuitive mode of interacting within the digital space reduces learning curves, speeds the design process and helps deliver high quality 3D data.

“Geomagic Freeform shifts your horizons regardless of whether you are an artist, industrial designer or engineer,” said Scotty Ziegler, international artist, designer and user of Geomagic Freeform Plus. “Digital design becomes tangible with these tools, allowing you to achieve that perfect design and immediately bring it to life via 3D printing or traditional manufacturing processes.”

“3D Systems Geomagic Freeform products deliver an advanced design environment that enables designers and engineers to create incredible products,” said Calvin Hur, Vice President, Co-Chief Operating Officer and Chief Revenue Officer, 3D Systems Software. “The 2016 release of these Geomagic Freeform products represents 3D Systems’ commitment to delivering the very best tools for design, engineering and manufacturing.”

See more about the Geomagic Freeform 2016 products and get Free Trial software at: <http://www.geomagic.com/en/products/freeform/overview>

About 3D Systems

3D Systems provides comprehensive 3D products and services, including 3D printers, print materials, on demand manufacturing services and digital design tools. Its ecosystem supports advanced applications from the product design shop to the factory floor to the operating room. 3D Systems’ precision healthcare capabilities include simulation, Virtual Surgical Planning, and printing of medical and dental devices as well as patient-specific surgical instruments. As the originator of 3D printing and a shaper of future 3D solutions, 3D Systems has spent its 30 year history enabling professionals and companies to optimize their designs,

transform their workflows, bring innovative products to market and drive new business models.

More information on the company is available at www.3dsystems.com