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# Vortex VR Partners with 3D Systems to Launch Virtual Reality Mobile Phone Case and Head Mounted Display

- 3DS provides design and manufacturing support in 3D printing VRTX I headset, tailor-made for the LG G3 Quad HD smartphone
- Selective Laser Sintering used to make headset ultra lightweight, highly functional and durable
- Entire design-to-manufacturing completed in less than 30 days, demonstrating time-to-value advantages of 3D printing

## **ROCK HILL, South Carolina, September 2, 2014** – <u>3D Systems (NYSE:DDD)</u>

announced today that it has partnered with Vortex VR, Inc., an emergent leader in virtual reality technology, and GameFace Labs, to develop the VRTX I, Vortex VR's new virtual reality mobile phone case and head mounted display (HMD) device. The VRTX I provides stunning, high-definition VR immersion without wires and is tailor-made for the new LG G3 Quad HD smartphone.



3DS designers contributed advanced manufacturing and materials expertise in designing the VRTX I to be lightweight, highly functional and durable. The HMD devices were then 3D printed using 3DS' advanced Selective Laser Sintering technology. By relying on 3D printing, the VRTX I team was able to complete the entire design-to-

manufacturing process in less than 30 days, without the need for lead-times and costly tooling.

"This is an exciting project for 3D Systems, one that combines the power, flexibility and rapid time-to-value enabled by 3D printing with the incredible advancements in virtual reality and wearables," said Cathy Lewis, Chief Marketing Officer, 3D Systems. "This will change how we design, manufacture and interact with these exponential technologies forever."

"With our technology partners, GameFace Labs and 3D Systems, we have been able to rapidly bring to market a mobile case and device with technology that has been developed to best leverage the Android OS, along with the powerhouse of hardware within the G3," said David Haines, Chairman and Interim CEO, Vortex, VR, Inc. "This is the mobile VR experience everyone has been waiting for."

The VRTX I is Vortex VR, Inc.'s inaugural product. The company plans to launch additional products and services that will cover the entire VR ecosystem and value chain in the coming months.

Find out more 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 <a href="https://www.3DSystems.com">www.3DSystems.com</a>.

### **About Vortex VR, Inc.**

Vortex VR is an emerging virtual reality technology company. The company has developed a revolutionary virtual reality (VR) smartphone device, the VRTX I, and is developing and bundling studio quality games and cinematic content for the

android marketplace. Vortex HMD products feature perfectly configured optics, ergonomic designs and integrated controllers. Consumers can now use their smartphone as a virtual cinema, talk to other VRTX users in a virtual chat room, and get immersed into the virtual gaming world. For more information, please visit <a href="https://www.vrtx.io">www.vrtx.io</a>