

Bluefish444 Media Contact: Sharon Adcock  
+1.616.312.2036, SkiAdcock@aol.com

## **BLUEFISH444 AND VISUAL RESEARCH INC INTEGRATE TECHNOLOGIES**

### **Epoch | 4K Supernova S+, Epoch | Supernova CG & Epoch | Neutron support for VRi's KarismaCG**

**Melbourne, Australia, May 20, 2016** – Bluefish444, manufacturer of the industry's highest-quality uncompressed 4K/2K/HD/SD SDI video cards, and Visual Research Inc.(VRi), a leading manufacturer of real-time 3D graphics, announced it has partnered with Visual Research Inc. to integrate three Bluefish444 video cards into the KarismaCG family of products.

The Epoch | Supernova S+, Epoch | Supernova CG and Epoch | Neutron ultra low latency video cards are now compatible with the KarismaCG range, an all-in-one creation and playout solution for real-time on-air graphics. KarismaCG can be utilized not only in a simple 2D and 3D character generator, but also in highly advanced real-time 3D graphic and animation creation without rendering time. Bluefish444's aforementioned video cards enable multi-channel live 3G/HD SDI capture with fill and key SDI outputs delivering VRi's powerful graphics in real-time to audiences worldwide.

The Epoch | Supernova S+ and Epoch | Supernova CG are multi-channel 3G/HD SDI I/O video boards ensuring VRi customers can choose between configurable Fill & Key I/O combinations for different workflows. The Epoch | Neutron is a low profile form factor multi-channel HD SDI I/O video card with HDMI preview for low cost monitoring.

The Epoch | Supernova CG and Epoch | Neutron video cards have a powerful onboard real-time hardware keyer with only 1 line of video delay for downstream keying and channel branding with KarismaCG. All Bluefish444 video cards have on board bypass relays, allowing on-air systems to manage power failures, power outages and other unforeseen circumstances. Bluefish444 Windows™ drivers are Thunderbolt 3 compatible offering the delivery of KarismaCG real-time graphics from a laptop with a Bluefish444 qualified T3 expansion chassis.

"VRi is a highly regarded brand, particularly in Asia for low latency complex 2D/3D broadcast graphics synonymous with innovation and a partner well suited to Bluefish444's low latency, quality and reliability", said Craig Mott, Managing Director of Bluefish444. "Our partnership ensures broadcasters can deliver KarismaCG's real time graphics with unparalleled surety to their audiences."

Bruce Koo, International sales manager of VRi, said "KarismaCG is able to support various SDI video boards to utilize the advantages of each of them. We expect that taking compatibility with Bluefish444's boards which have high system compatibility and stability makes KarismaCG system's reliability higher."

KarismaCG supports all formats for not only HD, but also 4K and adapts to the network based production workflow to prepare the next era of broadcasting. Purchasing KarismaCG is available from authorized dealers around the world. For detailed information, visit VRi's website, [www.vricg.tv](http://www.vricg.tv)

Bluefish444 SDI video cards are available from authorized distributors and resellers worldwide. For more information visit [www.bluefish444.com](http://www.bluefish444.com)

### **About VRi:**

VRi (Visual Research Inc.) is a specialized manufacturer of professional on-air graphics solutions for the broadcast industry in Korea. Established in 1995, VRi is famous for providing high-quality and cost-effective real-time broadcast graphics solutions with convenient production environments.

From a basic character generation to full 3D real-time graphics production, VRi graphics solutions offer outstanding quality to over hundreds of TV stations throughout the world where various VRi products are being used in many broadcasting television programs.

VRi has no.1 market share of CG for the broadcasting industry in Korea and currently expands the market abroad for global users.

#### **About Bluefish444:**

Bluefish444 is the manufacturer of the industry's highest-quality uncompressed 4K/2K/HD/SD video cards for the Windows, Mac OS X and Linux operating systems. Its video cards are used in broadcast, feature film and post-production markets for editing, animation, compositing, color correction, restoration, digital intermediate, 3D and IPTV applications.

Bluefish444 cards have been used on award-winning feature films, commercials, music videos and sports events worldwide. Bluefish444's range of video cards are incorporated in video servers, encoders, decoders and character generator solutions by numerous 3rd party OEM manufacturers, in addition to other niche & mainstream applications.

Founded in 1998, Bluefish444 is a division and brand name of Bluefish Technologies Pty Ltd., which is based in S. Melbourne, Australia. Its products are distributed via an extensive sales channel of OEMs, dealers, and system integrators globally. For further information, visit [www.bluefish444.com](http://www.bluefish444.com)

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