

Zio 2 for Shipboard Networked Video Applications and Advanced Fighter Simulation

U.S. Navy and Air Force Select *Zio 2* for Networked Video Applications

ALAMEDA, California – December 22, 2020. RGB Spectrum today announced the U.S. Navy and U.S. Air Force have selected RGB Spectrum's new *Zio 2* solution for networked video. *Zio 2* is the company's next generation of products within the revolutionary *Zio* Enterprise AV-over-IP platform, developed for government and civilian applications. The U.S. Navy selected *Zio 2* for shipboard networked video applications, the Air Force for advanced fighter simulation applications. Commercial release is set for this month.

Zio 2 is unlike any other IP video distribution system in terms of performance, features, and versatility. It joins the *Zio* AV-over-IP platform, a true enterprise solution offering efficient video distribution over LANs, WANs, and mobile devices. The *Zio* platform combines scalable video distribution with sophisticated multi-image display on individual monitors or across video walls. It includes an extensive array of IP devices, including encoders, decoders, multiviewers and video wall processors, all managed through an intuitive user interface providing video thumbnail previews and drag-and-drop simplicity. The *Zio* platform supports open standards to integrate video from third party cameras and other devices. No other AV-over-IP system even comes close to its capability.

Building on decades of experience delivering innovative video distribution systems, the new *Zio 2* uniquely delivers both H.264 and H.265 encoding/decoding. Moreover, a single input can be encoded at different bit rates. This enables a single device to encode video up to 4Kp60 to local decoders while simultaneously transmitting lower resolution, lower bandwidth streams to remote locations across a campus or the Internet. An open system, *Zio 2* supports industry standard H.264/265 video from third party cameras and other devices.

The *Zio 2* is available in multichannel configurations, with two and four channel encoders or decoders in a single compact unit. This offers the advantage of accommodating multiheaded or independent computer video signals, simplifying network design, and offering substantial space and per channel cost savings.

Also available is a new content server for control of video recording and playback.

With superior performance and scalability, as well as versatile recording storage capabilities, *Zio 2* is ideal for use in simulation, command and control, and other mission-critical applications.

"*Zio 2* is a new and different approach to enterprise AV-over-IP," said Bob Marcus, CEO of RGB Spectrum. "By supporting multichannel codecs, industry standard H.264 and H.265 compression techniques, and sophisticated multiview displays, *Zio 2* increases the reach of

video distribution while simplifying its design. It is no wonder that in prerelease it was chosen by the U.S. Navy for shipboard networked video and by the Air Force for the latest generation of advanced simulators.”

For more information about the *Zio 2* and the *Zio* Enterprise AV-over-IP platform:

- [RGB Spectrum Zio 2 Systems](#)
- [RGB Spectrum Zio 2 Brochure](#)
- [RGB Spectrum Zio AV-over-IP Platform](#)
- [Contact us](#) to learn more

About RGB Spectrum

RGB Spectrum is an audio-visual specialist providing enterprise class solutions to government and commercial customers since 1987. RGB Spectrum's broad line of solutions for video distribution and control help you make better decisions, faster.

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