



Escape's Stereoscopies System

Escape Studios Technical Consultant,
Dan Young, sheds the light on Escape's
turn key Stereocopies System

Q & A uestions nswers

What is a stereoscopic system?

Stereoscopic is a 3D technique capable of playing back three-dimensional visual information. It consists of 2 sequences laid on top of each other to display a 3D image. Studios mainly use stereoscopic playback for quality control, daily reviews and sometimes client presentations.

How did the project originate?

We were commissioned by Fugitive Studios to create a bespoke turn key solution that would enable stereoscopic playback in real-time without expensive product outlays. We also envisage that with 3D media booming, there will be an increased demand for alternate, more affordable stereoscopic solutions that don't sacrifice on quality or performance, particularly in film, broadcasting and architectural visualisation.

What will this new solution offer?

We have developed a complete stand-alone package that enables stereoscopic playback in real-time at a fraction of the cost, saving studios time and money. Studios can now run a stereoscopic configuration at a 5th of the cost when compared to other systems. This presents studios with time and cost saving opportunities that were previously unobtainable.

What does it consist of?

To generate a fast and robust output, we modified a Boston Igloo's 24 terabyte storage system with custom configurations. A HP workstation is utilised for the front-end, and is then connected via a 10gigabit Ethernet high bandwidth controller to ensure no loss of speed and performance. The hardware is configured with IRIDAS Framecyclor DDS software for playback to give artists real-time control. All elements have been configured and tested to run seamlessly with a 2K output on a 3D JVC monitor.

How is it different from other solutions?

Traditionally stereoscopic systems have required a substantial investment. Studios often incurred extra costs on top of an already expensive system, purchasing software, workstation and padding to get up and running. We have created a complete stand-alone package that incorporates all the required hardware and software, and is supported by a full installation and on-going technical support.

How will it help studios?

To facilitate a more productive and efficient creative process, artists prefer RW playback in real-time to spot imperfections and QC their material. With a real-time playback system, there is no need for time-consuming rendering or a need to render every time a change is made. This translates into significant time and cost savings for a studio, it frees up work machines, the time of a compositing artist and saves funds on licence products that aren't necessary.

How is it implemented?

Each system is bespoke built at Escape Studios then installed by an Escape technician at the host site and can be up and running in half a day. We can provide installations, cabling and support the system and upgrades as necessary. To gauge each studio's needs we recommend a free consultation and offer a demo for a closer look at its capability.

For more information contact Escape Studios contact the Technology Team at Escape Studios.

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