

Testing Video Algorithms On Two Displays Is A Thing of The Past Video Clarity Provides Researchers With New Method For Testing Video Algorithms Using The NVIDIA Quadro® FX by PNY Technologies®

When designing algorithms for future video standards, researchers at the world's leading engineering companies need a way to validate the quality of these algorithms against known video sequences. To do this they turn to Video Clarity, a technological leader in the field of Visual Analysis tools. Video Clarity, a member of SMPTE and VQEG, has built its reputation by assisting video researchers in the advancement of television and video technologies. Video researchers around the world rely on the Clearview Video Analysis System by Video Clarity, which uses the NVIDIA Quadro FX by PNY Technologies graphic boards.

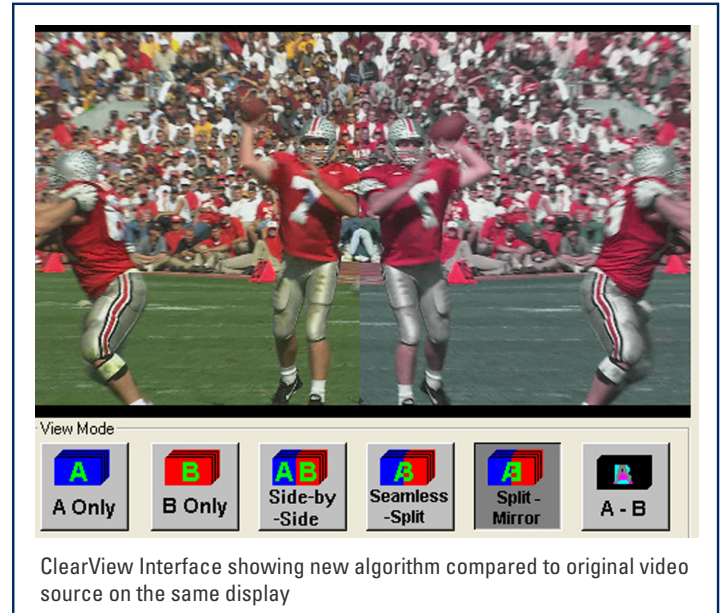
The traditional way of testing a new algorithm against the original source is to compare images on two identically calibrated display devices. The use of two display devices is problematic, however, because it introduces too many extraneous variables, making it difficult to obtain reliable results. The ClearView Video Analysis System by Video Clarity resolves this problem by allowing video researchers to visually compare their new algorithms against a base-line, their competitors, or the original video sequence on a single video display.

Video Clarity made sure that the ClearView Video Analysis System was robust and versatile enough to satisfy the needs of professional researchers. With respect to input, ClearView can ingest over 40 different file formats, including video input from HD/SD SDI, DVI, or file making it an ideal tool for testing in laboratory conditions. And for output requirements, what was needed was a reliable, professional graphic board with the stability to withstand exacting testing regimens; Video Clarity chose the NVIDIA Quadro FX by PNY Technologies graphic boards. The speed and performance of NVIDIA Quadro FX by PNY graphic boards allows the ClearView Video Analysis System to output virtually any resolution at frame rates of up to 120Hz.

"The ClearView Video Analysis System, utilizing the NVIDIA Quadro FX by PNY graphic board, provides the necessary video analysis tools for R&D laboratories around the world."

Blake Homan, President, Video Clarity

Using its ClearView Video Analysis system and the NVIDIA Quadro FX by PNY graphic boards, Video Clarity is now assisting universities and commercial researchers around the world in their cutting-edge, video-centric research: "We are very pleased to provide equipment to further video research, with a solution that benefits the entire video research environment," said Blake Homan, President, Video Clarity. "The ClearView Video Analysis System, utilizing the NVIDIA Quadro FX by PNY graphic board, provides the necessary video analysis tools for R&D laboratories around the world."



About Video Clarity Inc.

Video Clarity Incorporated provides hardware & software solutions for capture, playout, and display of analog & digital video. Video Clarity products are designed specifically for the video research community. Our Corporate Mission is to assist video engineers in the advancement of television and video technology. For more information visit www.videoclarity.com



ABOUT PNY TECHNOLOGIES, INC.

Established in 1985, PNY Technologies®, Inc. is a leading supplier and marketer of NVIDIA Quadro® by PNY professional graphics boards and Verto -brand consumer graphics cards. The company also offers a full line of memory upgrade modules, flash media, Attaché™ USB flash drives, flash peripherals. Headquartered in Parsippany, N.J., PNY maintains facilities in North America (Santa Clara and Orange County, CA, Miami, FL and Parsippany, N.J.), Europe (France, United Kingdom, Germany) and Asia (Taiwan).

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