



# Press Release

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## **NAB 2011: 4K and Full HD 3D with DVS's Atomix HDMI**

**Right on time for NAB 2011, DVS will present the latest member of its video boards family: the Atomix HDMI board. It boasts four HDMI ports and is able to deliver high-resolution 3D images thanks to its latest generation 1.4a port.**

Hanover/Las Vegas. At this year's NAB, DVS will be holding a product premiere for the post production and high-end presentation market at its booth SL3305: The Atomix HDMI video board will complement DVS's existing product line and expand its range of functions. Equipped with four HDMI ports, the Atomix HDMI board fulfills even the highest demands of modern image editing.

Featuring proven DVS quality, the Atomix HDMI makes an impressive impact showcasing the latest technology: The high-performance video board allows real-time image editing at any resolution from SD to 4K. Thanks to its four HDMI ports, 4K material can be played out via the four ports in quadrants or via its HDMI 1.4a-compliant port. Stereoscopic material can either be output via separate ports for each eye or via the HDMI 1.4a port in Full HD 3D making the Atomix HDMI video board perfect for the 3D market – and the optimal hardware basis for film post production as well as high-quality presentations.

For real-time sequence editing, the video board features a programmable up- and downscaler for format changes, a 3D LUT, multiple 1D LUTs as well as various color space converters. All processing stages can also be utilized independently for each channel in two-channel operation this way predestining the Atomix HDMI video board for high-end film, post production as well as presentation

applications. Additional key features include capture and play-out via dual-link 3.0 Gbps SDI, 16 embedded audio channels as well as 16 AES/EBU channels.

DVS's own powerful SDK (Software Development Kit) is available for Windows®, Linux® and Mac OS® – allowing easy and low-latency control of all hardware functions. The RS-422 interface integrated into the DVS board can be used to control professional video tape machines for frame-accurate video transmission.

Juergen Heger, Senior Product Manager at DVS: "With its versatile and flexible features, the Atomix HDMI video board complements any software solution. The new DVS board plays out uncompressed 4K material either via its four HDMI ports or via its HDMI 1.4a port making it compatible with the latest technology as well as current HDMI versions."

**About DVS:** DVS, a Rohde & Schwarz company, is a leading manufacturer of high-quality hardware and software for broadcast, digital film and video post production, presentation and event markets. DVS applications cover the production of popular TV series and Hollywood blockbusters, and enable 4K films for Digital Cinema. With over 25 years of experience in the professional video industry, DVS has cultivated a "passion for perfection," and continues to develop revolutionary systems for customized, flexible, high-performance workflows. With CLIPSTER®, DVS was the first company in the world to make real-time 4K processing possible. Its future-proof video server VENICE offers a flexible solution for modern, file-based workflows in broadcast environments. Headquartered in Hanover (Germany) and Los Angeles (USA), DVS also has branch offices in Miami (USA), Paris (France), and Singapore. [www.dvs.de](http://www.dvs.de)

30 lines /2,410 keys

### Caption (Atomix HDMI)

Premiere at NAB: Atomix HDMI. (Photo: DVS)