

Contact: Chelsea Johnson
Marketing Manager
DVEO[®] division of Computer Modules, Inc.
858-613-1818
chelsea@dveo.com

Immediate Release

November 15, 2019

DVEO Debuts ALTEON 2-28 CH J2K TO MULTISTREAM HLS "BRINGS LOW COST TO J2K TO HLS CONVERSION"

San Diego, California -- DVEO[®], a leading TV/OTT equipment supplier, announces the release of a cost effective solution to organizations who wish to transcode J2K to HLS. J2K is one of the Mezzanine encoders and is used in sports and Special Events.

Alteon uses the nVIDIA Accelerator technology to transcode raw video footage to a high quality HLS video format. The Alteon J2K to H.264 is designed to provide lower cost H.264 based HLS or plain transport streams to the sports and special event streaming market, and has adopted J2K for origin encoding. Alteon is a hybrid solution that relies on both nVidia CPU and our own mature control interface. We support ASPEN and VSF TR-01 specifications and can transcode 28 J2K inputs into single or multiple H.264 or H.265 profiles. The benefits of adapting to JPEG 2000 for event capture and HLS are significant. For example, JPEG 2000 offers very low latency, which is vital for remote viewing live. It also supports lossless (bit-preserving) and lossy compression within a single codestream, while providing transparency preservation in images. JPEG 2000 enables the viewer to see the content at a lower resolution before actually downloading the entire file fully. As more data bits are downloaded from the source the quality becomes significantly better, this is made possible because it supports progressive decoding. Furthermore this technology



ALTEON 2-28 CH TO MULTI HS [™]

is perfect for editing content applications with its ability for the video signal to be cut at any place without any issues. HLS format is a delivery option that ties this all in together by providing a pathway to effortlessly deliver video and audio streams to CDN's who now prefer HLS ingest. This enables every viewer to experience the finest quality stream based on the internet connection.

"This product is going to revolutionize the way high end sporting events distribute their videos. The Alteon 2-28 CH J2K is an affordable platform designed to provide sporting officials with the ability to gain a high quality video capture and store these games for future reference. They will have the ability to put it into a vault and stream it to an ordinary video format, stated Laszlo Zoltan," CEO of DVEO.

DVEO Alteon 2-28 CH™ is compatible to work on many platforms such as Ustream® and Livestream® to enable multi camera streaming. It produces high quality video with very little delay or latency. Its main feature is its support of lossless encoding at very high bit rates and its ability to be edited at any boundary since every frame is a reference frame. Among its best known adopters is the Digital Cinema industry who relish the fact that every frame can be encrypted independently of other frames and it also supports High Dynamic Range. The Alteon 2-28 CH™ accepts up to 210 Mbps per second.

Users can achieve a high quality video and large resolutions, while still maintaining low latency or delay. It has been tested to work with Wowza, Akamai, Tulix and Verizon.

Supplemental Information for Press Release

Suggested Retail Prices:

ALTEON 2-28 CH J2K TO MULTI HLS: \$49,995 ea

About DVEO®

DVEO is a well established, privately held entity headquartered in San Diego, California, since 2001. DVEO develops and sells broadcast quality video encoding and streaming products, media servers and ad insertion solutions to leading Telco TV/OTT and cable operators around the world. The DVEO solutions enable multi-screen service delivery to any device, anytime, anywhere in the world. Deployment models include turnkey installations and cloud-based service delivery. All solutions are built on Linux OS and Intel Xeon-based platforms to ensure 24x7 reliability, and feature DVEO-developed software for maximum flexibility and upgradability, ensuring long term investment protection. These ultra-reliable products are matched by valuable pre-sales consultancy, outstanding post-sales service and support, and -- not least -- unusual affordability.

For more information on DVEO, please contact Chelsea Johnson at +1 (858) 613-1818 or chelsea@dveo.com. To download the DVEO press releases and product images, visit the news section at www.dveo.com.

DVEO®, 11409 West Bernardo Court, San Diego, California, 92127
Web: www.dveo.com phone: +1 (858) 613-1818, fax: +1 (858) 613-1815