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Immediate Release

February 25, 2009

NAB Booth SU4908

DVEO Announces New Affordable Niche Products for NAB 2009

**New Solutions Include Latest Versions of DVEO Best Sellers
NCoder HD™ and StreamValve™**

San Diego, CA -- DVEO, the broadcast division of Computer Modules, Inc., (CMI) will introduce a wide variety of cost-effective products at the NAB (National Association of Broadcasters) Show in Las Vegas, April 20-23, at Booth SU4908.



NCoder HD II

DVEO's brand new products at the NAB Show include:

1. Low Latency, High Definition MPEG-2 Transport Stream Encoder – NCoder HD™ II
2. Compact, Rugged HD H.264 Recorder with Removable Flash Storage – VideoBank HD™
3. Real Time VGA (720p) to MPEG-2 Encoder with ASI Out – VGA2ASI™
4. MPEG-2 or H.264 Playback and Capture Application – Stream Valve™ IV
5. MPEG-2/4/H.264 HD Decoder and Frequency Agile Satellite Receiver – Virenza™
6. Video Archival Server for MPEG-2/4/H.264 Transport Streams – VideoMirror™

7. Single Channel HD-SDI Input or Output Cards – HD-SDI Master™ I PCIe LP and HD-SDI Master™ O PCIe LP

1. Low Latency, High Definition MPEG-2 Transport Stream Encoder – NCoder HD™ II

NCoder HD II compresses HDMI or HD-SDI video in near real time. The output can be IP (HTTP), DVB-ASI, or simultaneous DVB-ASI and IP output. NCoder HD II features very low latency – there is minimal delay between the original video and the compressed video. The normal latency mode is 120 milliseconds, and the low-delay mode is 60 milliseconds. NCoder HD encodes 1080i, 1080p, 1080psf, or 720p HD.

“The NCoder HD II started shipping in early 2009. We added HDMI input to our original NCoder HD, and put it into a much smaller system. The response from our customers is phenomenal,” said Al Delir, Technical Support Manager for DVEO. “Many customers use NCoder HD II for broadcasting sports and events inside stadiums. It is also ideal for electronic news gathering, HD content sharing, and military video surveillance.”

2. Compact, Rugged HD H.264 Recorder with Removable Flash Storage – VideoBank HD™

VideoBank HD is a rugged, high definition H.264 recorder with removable storage via industry standard compact flash cards. VideoBank HD supports up to 32 GB cards, which enables it to record up to two hours of 1080i content in a unit that is only 3.3 x 3.3 x 1.6 inches. It features full control via an LCD panel and on-board push buttons.

The system is designed for encoding, decoding, and rugged mobile applications – such as sports broadcasting, reality TV, and electronic news gathering (ENG) – where small HD cameras are deployed. VideoBank HD excels in being robust against power loss and corrupt files.



**Rugged HD Recorder --
VideoBank HD**

3. Real Time VGA (720p) to MPEG-2 Encoder with ASI Out – VGA2ASI™

VGA2ASI encodes any VGA graphics and text from a third party computer and then modulates it on any desired ASI channel. The output resolution is 720p at 16x9. This combination of technologies is an ideal way to convert computer data to high definition DVB-ASI for digital signage and information channels. It can be used with existing CCTV systems and coaxial cable to present information on many televisions in public places -- such as stadiums, schools, airports, manufacturing plants, and hotels.

DVEO also offers VGA converters/encoders in other formats -- including VGA2DVB-T™, VGA2QAM™, VGA2IP™, and VGAto8VSB™.

4. MPEG-2 or H.264 Playback and Capture Application – Stream Valve™ IV

Stream Valve IV gives broadcasters and content providers a quick way to analyze, capture, filter, play, and view single and multiprogram HD, MPEG-2 and H.264/AVC (MPEG-4 Part 10) transport streams. This new version of DVEO's popular StreamValve III software features an advanced playback scheduler to play transport streams daily, weekly, monthly, or once only.

Stream Valve IV includes a transport stream analyzer and video viewer, plus the capability to filter out selected PID's (packet identifiers) that users don't wish to record. The software also offers remote management, which allows users to record, start, stop, or play via a remote web browser. StreamValve IV supports DVB-ASI and SDI transmit/receive cards, including DVEO's DVB Master™ and SDI Master™ products.

5. MPEG-2/4/H.264 HD Decoder and Frequency Agile Satellite Receiver – Virenza

Suitable for both the IPTV and broadcast distribution markets, Virenza demodulates all satellite frequencies and decodes both H.264 and MPEG-2 video formats to SMPTE 292 (HD-SDI) or YprPb at 45 Mbps. It is also a professional H.264 and MPEG-2 HD and SD video decoder with IP, ASI, or RF input.

Video inputs can be DVB-S, DVB-S2, DVB-ASI, IP, and RF. Video outputs include HD-SDI with embedded audio, SDI, YPrPb, RGB, and composite. The system is also

available with optional DVB-T/8VSB connectors instead of DVB-S+S2 connectors. Virezza features front panel controls and remote web-based management.

6. Video Archival Server for MPEG-2/4/H.264 Transport Streams – VideoMirror™

Designed to archive video streams for future reference, VideoMirror records and stores transport streams for continuous or schedulable playback. The stand alone server captures and plays back HD, MPEG-2 and H.264/AVC (MPEG-4 Part 10) streams via DVB interfaces. It also captures and plays back SMPTE 125M files via SMPTE 259M (SDI Video) interfaces. Transport streams are stored as a series of files, with the size of each file controlled by setting the number of bytes or the length of time.

VideoMirror includes an advanced playout scheduler, plus a transport stream analyzer and remote web-based management. In addition to archiving content for broadcasters, the system is also useful for development labs, manufacturing shop floors, and trade shows – to capture and playback video, or just to continuously playback transport streams on a scheduled basis.

7. Single Channel HD-SDI Input or Output Cards – HD-SDI Master™ I PCIe LP and HD-SDI Master™ O PCIe LP

HD-SDI Master™ I PCIe LP is a single channel HD-SDI (SMPTE 292M) input card. HD-SDI Master™ O PCIe LP is a single output channel HD-SDI card. Both cards feature auto standards detection between 720 and 1080. Supported standards include 1080i, 1080p, and 720p at 60 Hz and 59.94 Hz rates. Onboard DDR memory buffers data to account for latencies in data transactions on the PCIe bus. The cards include support for Linux® or Windows® OS, full DirectShow® support, and field upgradeable firmware. These cards provide an efficient interface to today's high performance PC computers, giving increased flexibility for real-time HD capture or playback.

“We are very pleased to be showing these unique products at NAB2009,” said Laszlo Zoltan, Sales Manager for DVEO. “Our product philosophy has always been to provide extremely high quality products at a very reasonable price.”

DVEO will also showcase their popular line of DVB Master™ transmit/receive cards, their small form factor digital HDTV modulator – eYe Catcher™, and their TVB590™ modulator cards for transmitting HD video to multiple monitors.

Supplemental Information for Press Release

Suggested Retail Prices:

NCoder HD II – \$15,995 U.S.
VideoBank HD – \$8,995 U.S.
VGA2ASI – \$7,995 U.S.
Stream Valve IV – \$1,495 U.S.
Virenza – \$4,495 U.S.
VideoMirror – \$7,995 U.S.
HD-SDI Master I PCIe LP – \$995 U.S.
HD-SDI Master O PCIe LP – \$995 U.S.

DVEO, DVB Master, eYe Catcher, HD-SDI Master, NCoder HD, SDI Master, Stream Valve, VGA2ASI, VGA2DVB-T, VGATo8VSB, VGA2IP, VGA2QAM, VideoBank HD, VideoMirror, TVB590, and Virenza are trademarks of Computer Modules, Inc.

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About CMI and DVEO

CMI, founded in 1982, is a privately held company headquartered in San Diego, California. DVEO, the Broadcast Division of Computer Modules, Inc., sells digital video and high definition television (HDTV) products to the top television broadcast companies throughout the world.

For more information on CMI and DVEO, please contact Rebecca Gray at +1 (858) 613-1818 or rebecca@computermodules.com. To download DVEO's press releases and product images, visit the news section at <http://www.dveo.com/>.

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