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Immediate Release

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NAB Booth SU2709

DVEO Launches New Software-Based SD/HD MPEG-2 to H.264 Transcoders with DVB-ASI or IP Inputs and Outputs

MPEG Gearbox™ to be Featured at the NAB Show, Booth SU2709

San Diego, California -- DVEO, the broadcast division of San Diego based Computer Modules, Inc. (CMI), announced today that they are now shipping three new Linux® based MPEG-2 to H.264 transcoders. DVEO will demonstrate the unique MPEG Gearbox™ product line at the NAB (National Association of Broadcasters) Show, April 12-15, in Las Vegas, Nevada.

MPEG Gearbox™ is DVEO's new family of broadcast quality, Linux® based, MPEG-2 to H.264 transcoders or MPEG-2 to MPEG-2 scalers for the IPTV and cable industries and others who need to deliver digital content in a cost effective way. Three systems are available: ASI to IP, ASI to ASI, and IP to IP.



**MPEG-2 to H.264 Transcoder –
MPEG Gearbox™**

Each system transcodes one HD (720p) stream or two SD streams into H.264 and outputs the streams over ASI or IP. The MPEG Gearbox ASI/IP can also receive 1 to 4+ MPEG-2 channels and output them to a dedicated IP network as MPEG-2 streams. Audio support is MPEG and AAC (MPEG-4).

The H.264/MPEG-4 compression standard uses up to 60 percent less bandwidth and disk space than MPEG-2 video, with no change in picture quality.

The IP video streams generated by the MPEG Gearbox ASI/IP and MPEG Gearbox IP/IP can be viewed on television sets with standard IP capable set-top boxes, or on computers using streaming video software clients such as VLC or Mplayer. MPEG Gearbox ASI/IP and MPEG Gearbox IP/IP are typically deployed in "closed" systems such as hotels, universities, and corporations, where bandwidth is dedicated and is used for this purpose only.

"We are proud to be shipping the new MPEG Gearbox systems, which are very cost-efficient for streaming ASI or IP content," stated Laszlo Zoltan, Sales Manager for DVEO. "We recommend them for cable companies, telco TV, and IPTV on dedicated networks."

MPEG Gearbox ASI/IP, MPEG Gearbox ASI/ASI, and MPEG Gearbox IP/IP provide PID filtering of all unwanted traffic, and include an easy-to-use GUI for operation. The H.264 transcoders can also be used as PAL to NTSC converters.

Supplemental Information for Press Release

Features

- Input format can be MPEG-2 or H.264
- Output format can be MPEG-2 or H.264
- Input: DVB ASI or IP (depending on version)
- Output: DVB-ASI or IP (depending on version)
- Will work as a PAL to NTSC converter
- Transcoding bit rates: 64 Kbps to 12 Mbps
- Resolutions: SQVGA, QCIF, QVGA, SIF, VGA, or any custom size up to 720p
- Supports SD or HD input
- Up to 720p HD output

- Very low latency
- Can perform one HD to HD real-time transcoding operation or two SD to SD real-time transcoding operations
- SNMP support
- Tested compatible with major brands of H.264 decoders
- Similar to our OnRamp IP™ products
- Audio support: AAC or MPEG/AC3 transcoding or passthrough
- Settings are remembered when power cycled
- Based on embedded Linux®

Note: MPEG Gearbox ASI/IP and MPEG Gearbox IP/IP are typically deployed in "closed" systems where bandwidth is dedicated and is used for this purpose only. They are not designed to work over the public internet.

*DVEO, MPEG Gearbox, and OnRamp IP are trademarks of Computer Modules, Inc.
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Suggested Retail Prices:

MPEG Gearbox ASI/IP – \$5,490 U.S.

MPEG Gearbox ASI/ASI – \$5,490 U.S.

MPEG Gearbox IP/IP – \$4,490 U.S.

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@dveo.com. To download DVEO's press releases and product images, visit the news section at <http://www.dveo.com/>.

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