

Contact: Rebecca Gray  
Marketing Manager  
DVEO division of Computer Modules, Inc.  
858-613-1818  
rebecca@dveo.com

## Immediate Release

March 26, 2014

NAB Booth SU2903

# DVEO to Introduce 2-7 Channel IP Multiplexer/Demultiplexer at NAB 2014

## T-Mux IP/IP™ Combines or Uncombines 2 to 7 MPEG-2 and/or H.264 IP Transport Streams, and Features Excellent PID Manipulation

**San Diego, California** -- DVEO, the broadcast division of Computer Modules, Inc. (CMI), will introduce their new IP multiplexer/demultiplexer at the NAB (National Association of Broadcasters) Show, April 7-10, in Las Vegas, Nevada, at booth SU2903.

Multiplexers combine several MPEG-2 and/or H.264 transport streams into a single multiplex transport stream, or "mux" for short. They also combine several multiplexes into a single remultiplex, or "remux".

DVEO's T-Mux IP/IP™ is a professional transport stream multiplexer and demultiplexer with GigE inputs and output. It combines or multiplexes 2 to 7 incoming MPEG-2 and/or H.264 IP Transport Streams, single program transport streams (SPTS) or multiple program transport streams (MPTS), to a single multiple program transport stream.



**IP Transport Stream Multiplexer for Multiple  
Program Transport Stream Creation  
– T-Mux IP/IP™**

The muxed stream can be output to IP (UDP or RTP) or optional DVB-ASI. The system also de-muxes transport streams (SPTS/MPTS) to two to seven MPEG-2 and H.264 transport streams.

"This device is designed for cable companies, telcos, and IPTV operators who source their content via dedicated circuits or public internet," commented Laszlo Zoltan, Vice President of DVEO. "The T-Mux IP/IP provides an affordable way to deliver multiplexed IP streams across broadband infrastructure. It features excellent PID (program identifier) manipulation, including PID filtering, addition, and mapping."

The T-Mux IP/IP features LCD front panel controls plus web-based management, and front panel connectors for easy setup of the IP inputs.

The optional ASI system includes one ASI input, seven UDP/RTP inputs, one ASI output, and one UDP/RTP output.

### **Supplemental Information for Press Release**

#### **Features:**

- Multiplexes two to seven MPEG-2 and H.264 transport streams (SPTS/MPTS)
  - Inputs: 7 IP inputs (10/100/1000 Mbps, UDP, RTP)
  - Outputs: One multiplexed stream to IP (UDP, RTP, 10/100/1000 Mbps) or optional ASI
- De-multiplexes single transport streams (SPTS/MPTS) to two to seven MPEG-2 and H.264 transport streams
  - Inputs: One IP input (10/100/1000 Mbps, UDP, RTP) or one optional DVB-ASI input
  - Outputs: 7 IP outputs (10/100/1000 Mbps, UDP, RTP)
- Option for one ASI input, seven UDP/RTP inputs, one ASI output, and one UDP/RTP output
- UDP Unicast and Multicast support
- Supports all video layers and profiles including Multi-view and 4:2:2
- Audio stream types supported: AC-3, Enhanced AC-3, MPEG Audio (Layers I, II, and III), AAC, DTS
- SMPTE 302M 8 channel audio (pass through)
- Transport packet size: 188 bytes
- LCD front panel controls plus web-based management
- Front panel connectors for IP inputs, for easy setup
- Transport stream input rates up to 40 Mbps per channel
- Transport stream output rates up to 400 Mbps
- Program filter and mapping
- PID filtering and mapping
- PSI (PAT/PMT) signaling

- PCR dejittering and restamping
- TS CBR to VBR conversion
- TS VBR to CBR conversion
- Bit rate conversion CBR to CBR, VBR to VBR

**Suggested Retail Prices:**

T-Mux IP/IP: \$3,995 U.S.

T-Mux IP/IP+ASI – Option for one ASI input, and one ASI output: \$4,995 U.S.

*DVEO and T-Mux IP/IP are trademarks of Computer Modules, Inc.  
All other trademarks and registered trademarks are the properties of their respective owners.*

**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](mailto:rebecca@dveo.com). To download DVEO's press releases and product images, visit the news section at [www.dveo.com](http://www.dveo.com).

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