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## Immediate Release

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IBC Stand 2.C33

### **DVEO to Introduce Four Channel DVB-T to IP Gateway at IBC 2009 – Stand 2.C33**

**OnRamp DVB-T/IP™ Simultaneously Receives  
One to Four MPEG-2 or H.264 Transport Streams  
and Outputs Them to a Private IP Network**

**San Diego, CA** -- DVEO, the broadcast division of CMI, will demonstrate their professional DVB-T to IP gateway for IPTV at the International Broadcasting Convention (IBC) in Amsterdam, September 11-15, at Stand 2.C33.



**OnRamp IP/DVB-T**

Designed for European broadcasting, IPTV, and “telco TV”, the OnRamp DVB-T/IP™ simultaneously receives transport streams from one to four DVB-T transmitters and outputs them to a dedicated IP network. The video streams generated by the OnRamp DVB-T/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. The system can also be ordered with the option to transcode MPEG-2 streams into H.264/MPEG-4, up to a maximum combined bitrate of 6 Mbps.

DVB-T (Digital Video Broadcasting – Terrestrial) is the European standard for broadcasting digital TV “over the air”. It is also used in other parts of the world, including countries in Asia and the Middle East.

The Linux®-based system supports MPEG-2 and H.264 input and output in SD and HD format. The unit provides PID filtering of all unwanted traffic, increasing system performance and the number of channels, which can be transmitted per unit. It features remote configuration management via a web browser and Secure Shell (SSH).

The OnRamp DVB-T/IP is typically deployed in "closed" systems such as hotels, convention centers, and corporations, where bandwidth is dedicated and is used for this purpose only.

“The OnRamp DVB-T/IP is very cost-efficient for streaming DVB-T content to and from remote locations. We recommend it for cable companies, electronic news gathering, and internet transmission of movie or video ‘dailies’,” said Laszlo Zoltan, Sales Manager for DVEO. “One of our customers uses it to stream video inside their hotel in the U.K.”

DVEO’s OnRamp DVB-T/IP is available in a two-rack unit with one to four DVB-T receivers, or in a compact rack-mountable single channel unit. The option to transcode from MPEG-2 to H.264 can be included with the system, or added later as an upgrade, with a license purchase.

Other multichannel IP gateways from DVEO include: OnRamp ASI/IP™, OnRamp 8VSB/IP™, OnRamp DVB-C/IP™, OnRamp/QAM/IP™ and OnRamp Sat/IP™.

## **Supplemental Information for Press Release**

### **Features**

- Multiplexes transport streams into IP packets
- Simultaneously receives either one, two, three or four DVB-T transport streams
- Supports MPEG-2 and H.264 input and output, in SD and HD format
- PID filtering
- DVB-T – terrestrial digital – input
- IP Output – UDP, RTP or HTTP
- 200 Mbps IP raw output capability
- Optional 6 Mbps IP transcoded H.264 output capability
- Transmits PAT, PMT, and PCR information
- Receives and transmits at the same time
- Remote configuration management via Web Browser and Secure Shell (SSH)
- De-encapsulates data streams
- Based on embedded Linux®

**Note:** This system is typically deployed in "closed" systems where bandwidth is dedicated and is used for this purpose only. It is not designed to work over the public internet.

### **Suggested Retail Prices:**

Four Channel OnRamp DVB-T/IP – \$4,295 U.S.

One Channel OnRamp DVB-T/IP – \$3,995 U.S.

Option for Transcoding from MPEG-2 to H.264 – \$1,000 U.S.

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*DVB is a registered trademark of the DVB Project.*

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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@dveo.com](mailto: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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