

Immediate Release

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DVEO Unveils FireCaster™ for HDV --The Complete Solution for Real-time Transport for HD video over FireWire™

San Diego, CA - DVEO, the broadcast division of CMI, will demonstrate the new FireCaster™ for HDV at NAB 2005. FireCaster provides a complete solution for transporting live high-definition unidirectional or bi-directional HD resolution MPEG-2 video feeds to and from nearly any location worldwide via nearly any type of IP network, including wireless, satellite, and Internet, making it the perfect system for delivering content to and from the new HDV Mini-DV drive recorders and cameras.



FireCaster for HDV consists of a pair of gateways that are designed to route FireWire Packets into a high speed Internet circuit and deliver an HDV stream continuously and reliably in real-time.

FireWire is a cross-platform implementation of the high-speed serial data bus defined by the IEEE 1394-1995, IEEE 1394a-2000, and IEEE 1394b standards. At 800 megabits per second, FireWire is one of the fastest peripheral communication standards ever developed. Multimedia peripherals such as

digital video cameras, hard disk drives and HDV tape drives that include a FireWire 1394b port are ideal for the FireWire Caster.

HDV is a new consumer high-definition video format proposed by JVC, Sony, Canon and Sharp. HDV is designed to be a 19 megabit-per-second MPEG-2 transport stream that records to existing standard DV format digital videocassettes, including the Mini-DV shell.

“DVEO chose to introduce FireCaster for HDV at NAB to be possibly the first company with a product that encapsulates FireWire into IP and sends it over high speed Internet circuits,” stated Laszlo Zoltan, Sales Manager for DVEO.

FireCaster for HDV works in conjunction with a FireCaster receiver and encapsulates standard or high-definition DV, DVCPro, or HDV MPEG Transport Stream video feeds over a Serial IEEE Standard 1394 interface. FireCaster for HDV supports protocols that are designed to recover lost packets and restore stream sequence and timing after transport through unconditioned IP networks. This helps insure the highest possible video quality with jitterfree, clear video -- even through network congestion and dynamic route changes.

FireCaster for HDV is compatible with a wide variety of video cameras, video playback equipment, and video encoders having DV compatible or HDV MPEG-2 Transport Stream outputs over SerialBus. FireCaster also adds industry standard RSA encryption to protect video content and maintain the privacy and security of the video connection.

Features

- Advanced Quality of Service (QoS) technology facilitates the highest quality live audio/video transport with the lowest bandwidth overhead and latency
- Enables high-quality bi-directional video transport over unconditioned IP networks, including wireless links and the Internet
- Captures compressed video via SerialBus IEEE Std. 1394 (FireWire) in the following formats:
 - 19 Mbps 720p HDV MPEG-2 TS
 - 25 Mbps 1080i HDV MPEG-2

- 25 Mbps and 50 Mbps Standard Definition DV and DVCPRO
- 100 Mbps DVCPRO HD
- Includes strong stream encryption for security and confidentiality
- DVI output; decodes HDV MPEG-2 and DV, DVCPRO and DVCPro HD formats

Specifications

- Supported Network Interfaces:
 - IEEE 802.3 1000/100/10 Base-TX Ethernet interface (RJ-45)
- Supported Video Formats:
 - 19 Mbps 720p MPEG-2 TS
 - 25 Mbps 1080i MPEG-2 TS
 - 25 Mbps and 50 Mbps Std Definition DV
 - 100 Mbps DVCPRO HD
- Supported Network Protocols:
 - Audio/Video streams: RTP/UDP/IP
 - IETF DiffServ and IEEE TOS compliance
 - IEEE 802.1x
- Encryption:
 - RSA RC4

Suggested Retail Price: FireCaster for HDV \$17,995 US

About CMI and DVEO

CMI is a privately held company founded in 1982 by Laszlo (Les) Zoltan headquartered in San Diego, California. DVEO, the recently formed Professional Broadcast Division of Computer Modules Inc., sells DVB ASI, SMPTE 310M, SMPTE259M, SMPTE292M, and HDTV products to the top television broadcast companies throughout the world.

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

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