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Jellyfish at Aquarium of the Pacific, Long Beach

Welcome to the December 2016 edition of Scanlines, the newsletter of The Enright Company, Professional Video/Multimedia Representatives 1801 - I Park Court Place Suite 100, Santa Ana, CA 92701 (888) 334-7773

## NOTES FROM LOGAN - Carry On

by Logan Enright, CTS - The Enright Company

Merry Christmas and Happy New Year!

Our thirteen year career with Vaddio came to a close last month. The purchase by a larger company in our field yielded a direct model where rep firms were written out of the script, as they say here in Hollywood. It was our privilege to be a cog in the wheel that launched this powerhouse company. Our tenure with Vaddio was about as perfect a relationship as one can expect in our line of work – long term, profitable and fun. Who will forget all those fishing trips to Eagle Lake, Ontario, Canada?

One must plan for endings in life. So Enright Company is in a rebuilding mode, which we'll do with a little help from our friends. Behind every successful person or company are a lot of others who WANTED them to succeed! We thank our friends in the industry for being there for us!

Our future will be with our solid relationships with Casio, Barco, Stewart, Hall Research and all our other terrific brands. We are thrilled to have just been appointed the local rep company for datavideo cameras switchers and production tools, Marshall Electronics cameras, monitors (available in salty caramel) and accessories, Media Vision conferencing mics and assistive listening, Digibird and ICS video wall processors and others. Our recent Comtech 2016 shows held in six cities over three months have just concluded and were a big success! Thanks all for the support. We look forward to another great year in this crazy, at times destructive but enriching field of endeavor. Carry on!



Logan Enright  
The Enright Company

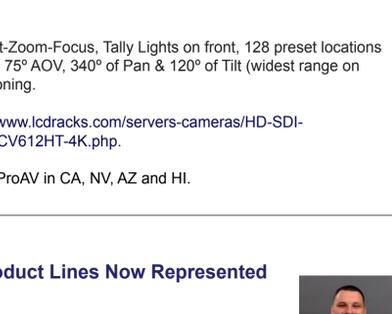
## Be Ready for 4K/UHD with Marshall ProAV

By Dave Fahrbach, CTS - The Enright Company

Indications from the marketplace are that UHD cameras will be the required spec for larger venues. Wide spread adoption is becoming a reality. Marshall (www.marshall-usa.com/proav/) will release their new UltraHD (UHD) Pan-Tilt-Zoom Camera (MEI pn: CV612HT-4K) this month. The camera is built around a 4K UHD 9 Megapixel 1/2.8 inch CMOS Sensor with 12x Optical Zoom plus a 2x Clear Image Zoom feature providing 24x zoom flexibility.

Available outputs include simultaneous HDBaseT & HDMI. One Cat5e/6 cable will carry PoE, uncompressed 4K (UHD) video, and command control to camera. Video output is as high as 3840x2160 at 29.97fps with all the HD resolutions of 1920x1080p, 1920x1080i and 1280x720p at 50fps.

Control can be performed via IR remote (packed in box), Marshall's smooth PTZ Joystick Controller (VS-PTC-200), or easily programmed into a Crestron control platform. Marshall offers easy Crestron setup instructions and software, as well as a complete list of Visca commands for seamless integration.



Extra features include simultaneous Pan-Tilt-Zoom-Focus, Tally Lights on front, 128 preset locations with adjustable transition speeds, ultra-wide 75° AOV, 340° of Pan & 120° of Tilt (widest range on market), and ultra-stable and smooth positioning.

See more on the Marshall website at <http://www.lcdracks.com/servers-cameras/HD-SDI-cameras/4K-PTZ-Broadcast-video-camera-CV612HT-4K.php>.

The Enright Company represents Marshall ProAV in CA, NV, AZ and HI.



Dave Fahrbach  
The Enright Company

## Media Vision's Conferencing Product Lines Now Represented by The Enright Company

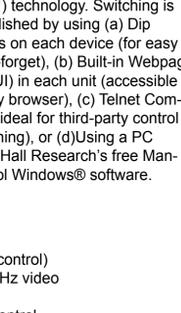
by Stephen McNeil - The Enright Company

### MEDIA VISION The Conference Company

Media Vision (www.media-vision.com) is a leading provider of professional audio solutions that improve intelligibility and participation for effective meetings. Their

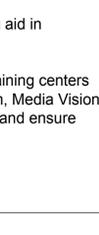
products add function to university lecture halls, meeting rooms in corporate environments, government council chambers, high-end executive boardrooms, and multilingual installations and events. Products include:

- TAIDEN wired conference microphone systems as portable tabletop solutions or elegant flush-mount options for flexible placement on furniture.
- TAIDEN digital infrared wireless conference microphone system that ensures superb and fully secure audio performance with no interference from mobile phones, Wi-Fi networks or other RF systems setup in adjacent rooms.
- TAIDEN multimedia conference systems and video monitor units. An all-in-one solution that incorporates a microphone with a touch panel interface for file management and video display, as well as a camera for video capture.
- Electronic voting as a standalone device or with voting buttons onboard microphones.
- Video tracking for video-teleconferencing applications.
- TAIDEN simultaneous interpretation and audio distribution solutions for multilingual installations and events.
- Media Vision multichannel streaming and recording solution.
- Media Vision assistive listening system to meet ADA requirements for hearing aid in assembly areas.



Media Vision is headquartered in San Francisco with eight offices, warehouses, and training centers across North America and Europe. Supported by a dedicated product engineering team, Media Vision works with system integrators and consultants to design the best system configuration and ensure impeccable project delivery.

The Enright Company represents Media Vision in CA, NV and HI.

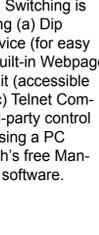


Stephen McNeil  
The Enright Company

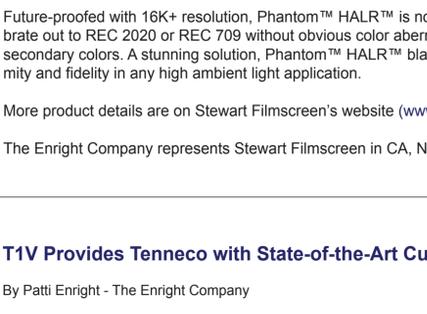
## HDMI & Switching Over LAN from Hall Research

by Don Duterte - The Enright Company

The HHD264 from Hall Research (www.hallresearch.com) is a family of HDMI over LAN Senders (encoders) and Receivers (decoders) that utilize the latest H.264 encoding with user definable bit-rates to distribute multiple Full HD video signals on the local area network (LAN) with unparalleled clarity and performance. The devices also extend IR control and bi-directional RS-232 communication.



Don Duterte  
The Enright Company



An important feature of the system is its ability to switch Receivers on the fly to show the video of any Sender on the network using Hall Research's DVM (Dynamic Virtual Matrix™) technology. Switching is accomplished by using (a) Dip Switches on each device (for easy set-and-forget), (b) Built-in Webpage (WebGUI) in each unit (accessible from any browser), (c) Telnet Commands (ideal for third-party control of switching), or (d) Using a PC running Hall Research's free Manager Tool Windows® software.

- Dynamically assign the source displayed at each display
- Extend up to 64 different HDMI sources to over 250 displays
- Supports IR and RS-232 for control
- Free Windows PC Manager Tool software (for system-wide control)
- Advanced and efficient H.264 encoding for a crisp 1080p 60Hz video
- User definable bit-rates and Scaling
- WebGUI in each device for user-friendly configuration and control
- Sender provides HDMI loop out for local monitor
- PoE versions available (no power supply needed)

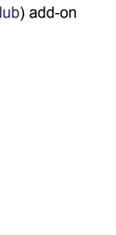
See more details at the Hall Research website [www.hallresearch.com/page/products/HHD264-R](http://www.hallresearch.com/page/products/HHD264-R).

The Enright Company represents Hall Research in CA, NV, AZ and HI.

## Stewart's Phantom HALR Screen Offers High Ambient Light Rejection

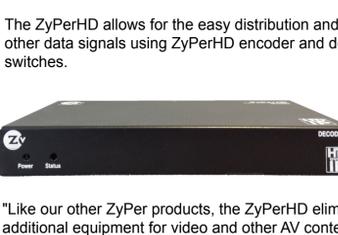
by Erik Noble - The Enright Company

A new, flexible front projection high ambient light rejection screen material, Phantom™ HALR™ from Stewart Filmscreen (www.stewartfilmscreen.com) offers excellent ambient light rejection capabilities that deliver an exceptional entertainment experience, day or night.



Erik Noble  
The Enright Company

Unlike other manufacturers' offerings, Phantom™ HALR™ is available in any image size up to 40 feet by 90 feet, seamlessly. It is the only black screen on the market that can be perforated for acoustical transparency, which includes Stewart's exclusive Microperf X² THX Ultra or Cinemaparf options depending



on the size of the screen. For installation versatility, Phantom™ HALR™ can be configured with any of Stewart's ElectriScreen models or as a fixed frame.

- Not Limited in Size: Available in any size up to 40' x 90' seamlessly
- Flexible high ambient light rejection screen: Configure Phantom™ HALR™ with any of Stewart Filmscreen's ElectriScreens since it is a flexible screen material
- Acoustical Transparency: Offered with Microperf X² THX Ultra or Cinemaparf perforation options

Future-proofed with 16K+ resolution, Phantom™ HALR™ is not susceptible to color shift. It will calibrate out to REC 2020 or REC 709 without obvious color aberrations that skew the primary and secondary colors. A stunning solution, Phantom™ HALR™ black screen will provide the image uniformity and fidelity in any high ambient light application.

More product details are on Stewart Filmscreen's website ([www.stewartfilmscreen.com](http://www.stewartfilmscreen.com)).

The Enright Company represents Stewart Filmscreen in CA, NV, AZ and HI.

## T1V Provides Tenneco with State-of-the-Art Customer Solution

By Patti Enright - The Enright Company

T1V (www.t1v.com) was called upon to solve a customer interaction problem.



Patti Enright  
The Enright Company

Tenneco is an after-market auto parts manufacturer with a large (both in volume and size) inventory of products to showcase to its customers, who are dispersed all over the country. As transporting these parts for in-person demonstrations has always been a logistical and budgetary constraint, Tenneco turned towards a more practical solution.



Tenneco utilized T1V's interactive technology to outfit two mobile trailers. These trailers are driven to large customer sites, who are then given a tour of all things Tenneco via T1V multitouch software. The software allows customers to compare products, view products in 3D, and watch demo videos of too-large-to-transport parts. Tenneco also deployed the ThinkHub (www.t1v.com/ThinkHub) add-on module as a quick presentation tool to share content.

Each trailer includes:

- Seven (7) 46" Interactive Walls
- One (1) 80" Interactive Wall
- One (1) 46" Interactive Table running ThinkHub collaboration software

Download the Project Profile to learn more.

The Enright Company represents T1V in CA, NV, AZ and HI.

## ZeeVee Expands ZyPer Product Suite to Easily Deliver H.264 HD Video Distribution With the New ZyPerHD

By Dave Fahrbach, CTS - The Enright Company

ZeeVee, Inc. (www.zeevee.com) a global manufacturer of video and signal distribution technology, expanded its award winning ZyPer Product Suite with the launch of ZyPerHD.

The ZyPerHD allows for the easy distribution and switching of high definition H.264 video, audio, and other data signals using ZyPerHD encoder and decoder modules and off-the-shelf Gigabit Ethernet switches.



Using industry standard H.264 (MPEG4) encoding technology, the ZyPerHD complements ZeeVee's other video IP distribution solutions and provides an affordable, easy to set up and easy to maintain IP video encoding solution enabling customers to deliver video content over their Ethernet networks.

"Like our other ZyPer products, the ZyPerHD eliminates the need to have a separate AV network or additional equipment for video and other AV content," stated Chris Scurto, Vice President Sales and Marketing for ZeeVee. "We believe in simplifying video distribution and leveraging industry standard technology. Our ZyPerMX, ZyPer4K and now the ZyPerHD all leverage off-the-shelf Ethernet switches making it a far more versatile and cost effective installation choice," Scurto continued.

To help customers achieve a lower total cost of ownership, ZyPerHD units can be deployed on the same IP network with ZyPer4K encoders and decoders allowing for mixed resolutions within a single architecture. All ZyPer products are easily set up, controlled and monitored using the ZyPer Management Platform, running ZeeVee's MaestroZ software. For further flexibility, set up and control can also be done through 3rd party control systems using ZeeVee's Open API for custom integration.

See more information on the ZyPerHD at <https://www.zeevee.com/zyperhd-decoder.html>.

The Enright Company represents ZeeVee in CA, NV, AZ and HI.

## TSS Servers From 360 Systems Offer High Value and Low Cost

By Dave Fahrbach, CTS - The Enright Company

For over 40 years, 360 Systems (www.360systems.com) has designed and delivered premium professional broadcast video servers and audio record and playback equipment. Their products are used in every imaginable market and application, from broadcast, government, education, corporate and entertainment to digital displays, churches, theme parks, and sports venues.

The 360 Systems' TSS family of video servers is designed to meet the requirements of customers who require proven, performance critical video equipment at an affordable price. The new TSS Mini 2100 and 2200 video servers are the latest versions of the TSS multi-format servers. Packaged in a small form factor 1RU chassis, the TSS Mini servers are multiple channel, bi-directional play/record, flexible-format HD/SD video servers with real-time up/down/cross conversion and scaling. TSS Mini servers deliver unmatched value with a low cost per channel, and each channel can be configured for independent 1080i, 720p, and SD resolutions, with H.264 and MPEG-2 codec support.



All 360 Systems video servers are designed and built with bullet proof hardware, using industrial class components including hot swappable power supplies, redundant cooling, and up to 8TB of internal RAID protected data storage. For additional operational security and stability, a tightly integrated Linux operating system is also RAID protected, providing unsurpassed uptime and productivity. With thousands of video server channels in use, 24/7 and around the world, 360 Systems has become synonymous with high quality and dependable broadcast video server products.

For more information, visit [www.360systems.com/products/tssm-21002200](http://www.360systems.com/products/tssm-21002200).

The Enright Company represents 360 Systems in CA, NV, AZ and HI.

## EVENTS

What	When	Where	More Info
Media Vision audio in Las Vegas (new line)	Dec 6-8	Las Vegas	Dave Fahrbach dave@enrightcompany.com
CCS Golf Invitational	Dec 10	Scottsdale, AZ	---
GPO Display in Bay Area	Dec 12-13	Various	don@enrightcompany.com
CES	Jan 5-8	Vegas	www.ces.tech
datavideo in Bay Area	Jan 10-11	Various	don@enrightcompany.com
TOA National Rep Sales Meeting	Jan 11-12	New Jersey	www.toaelectronics.com
TOA in AZ	Jan 18-19	AZ	logan@enrightcompany.com
Media Vision Rep Media Meeting	Jan 23-24	Napa, CA	www.media-vision.com
Optec direct view LED in Bay Area	Jan 24-25	Various	don@enrightcompany.com

Thanks for scanning Scanlines. Send us your comments.

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