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CANADA'S COMMUNICATIONS MAGAZINE

NEW

Product Showcase



Inlet Technologies

Spinnaker™ is Inlet Technologies' family of award-winning streaming appliances for live video and audio delivery applications. Using a state-of-the-art encoding engine and an advanced toolset, Spinnaker delivers the bandwidth performance and unique features you need to provide a true broadcast experience on the web. Spinnaker provides award winning quality and professional, reliable results in an affordable, simple solution.



Genesys Radio Automation

Genesys sets a new benchmark for Radio Automation systems. It has been designed from the ground up to utilize the latest technology and comply with all industry formats and standards.

Genesys works to integrate all aspects of content presentation across your station, group or enterprise. Seamless integration with your LAN, WAN or VPN means audio, logs, voicetracks and audits distribute in the background. Network automation, events and remote site management are all core parts of the Genesys infrastructure.



Telos Omnia 11

Just when broadcasters thought on-air audio processing couldn't get better or louder and "new and improved" meant more of the same, Omnia Audio introduces the new Omnia.11 audio processor, shipping Autumn 2010. It's a complete re-think of broadcast processing five years in the making. The goal – restore the quality and cleanliness to a station's sound that's often lost with heavy processing, without any sacrifice in loudness. The signature winning Omnia sound is still there, but every stage of processing and the hardware platform itself is all new. Was the goal achieved? At NAB 2010, the panel of judges for all three major radio publications say a resounding YES!



Telos
AUDIO | NETWORKS

Arctic Palm

Arctic Palm's award winning Center Stage Live package sends now playing text to RDS encoders, Web Sites, Streams, HD systems, and on-air studios. The paperless Contest Management package schedules and maintains contest and prizes while the CS Copy Management package provides copy writers with an advanced paperless script writing process. The CS Call Management package is a great way to screen calls for the latest Telos systems and the automated file transfer package CS Interactive delivers audio, logs and audit files to where they are needed. Arctic's understanding of the business of broadcasting combined with the technical skills and dedication to service are keys to a great line of products.



TV Logic

TVLOGIC is one of the world's leading broadcast Multi-Format LCD monitor manufacturers dedicated to developing and manufacturing the highest quality video monitoring systems available for broadcast, production and post production as well as digital signage & multi-viewer applications. NEW for 2010, the LEM Series Multi-Format and TDM Series Stereoscopic 3D models showcase 15" HD Organic LED (OLED) panels, the latest advancement in flat panel display technology, providing vivid, lifelike images unlike anything seen previously. Also NEW for 2010 is the LUM Series Quad HD (4K) Monitor designed for 10-bit 56" widescreen display of 4K (3840 x 2160) video.



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Aspera's *fast* transfer technology is an innovative software that eliminates the fundamental bottlenecks of conventional file transfer technologies such as FTP, HTTP, and Windows CIFS, and dramatically speeds transfers over public and private IP networks. The approach achieves perfect throughput efficiency, independent of the latency of the path and robust to packet losses. In addition, users have extra-ordinary control over individual transfer rates and bandwidth sharing, and full visibility into bandwidth utilization. File transfer times can be guaranteed, regardless of the distance of the endpoints or the dynamic conditions of the network, including even transfers over satellite, wireless, and inherently long distance and unreliable international links. Complete security is built-in, including secure endpoint authentication, on-the-fly data encryption, and integrity verification.



Ericsson

With a broad suite of open, standards-based products, Ericsson offers the highest quality solutions for Digital TV, HDTV, VOD, IPTV, Mobile TV, connected home, content management and advanced advertising, based on industry leading technology and a strong heritage in television. Ericsson's compression, contribution and distribution systems are used by major broadcasters and service providers throughout the world. Ericsson's Emmy award-winning on-demand solutions include market-leading software solutions which enable video on-demand services. Me-On-TV allows mobile users to publish content or participate live on any screen ranging from websites, to mobile phones and television screens.



PlayBox

PlayBox Technology is the 'TV Channel in a Box' manufacturer with Interactive CG & Graphics, MAM and News Room available SD, HD and DVB (ASI/IP). PlayBox Technology has innovative and scalable solutions to fit your workflow and offer you the solution you want at your price. From a Single Channel Payout Server to a Multi-Channel Turn-Key Broadcast Centre PlayBox Technology has Solutions for Start-Up TV Channels, Remote Payout TV Channels, DVB (ASI/IP) TV Channels, Ad Insertion, Interactive TV, Music Channels, Film Channels, Disaster Recovery, Satellite Broadcasters, IPTV, SMS2TV, Internet TV, Webcasters as well as Local, Regional, National and International Broadcasters.



Audio TX STL-IP

Send and Receive live audio over any IP network in full broadcast quality. AudioTX STL-IP delivers live audio over IP networks with transmission grade audio quality & robustness and an extremely low delay of just 5ms! AudioTX STL-IP can transmit and receive audio using point-to-point UDP or TCP/IP, and point-to-multipoint UDP Multicast network protocols. A single system can transmit audio on up to six simultaneous connections, each using different audio coding and network protocols if required. AudioTX STL-IP works with linear (uncompressed) audio at up to 24 bits and 96kHz sample rate, professional grade MPEG Layer 2 and Layer 3 compression, AAC, AAC Low Delay and HE-AAC (SBR), J.41, G.722, ADPCM, Enhanced APTx at 16 and 24 bits. Optional Forward Error Correction (FEC) and network jitter compensation plus synchronous transmission of serial ancillary data and/or contact closures (GPIO) make AudioTX STL-IP an incredibly flexible and cost-effective solution.

JVC Real Time 2D/3D Converter

The IF-2D3D1 is a unique processor designed for 3-D content creators. It converts live or recorded 2-D video into stereoscopic video in real time, saving significant time and production costs. Standard 2-D cameras may now be used as part of a 3-D production. The converter is ideal for live event production such as sporting events, music concerts and other live performances. It is also an essential component in the post production workflow when repurposing archive 2-D content to 3-D. Additionally, the IF-2D3D1 provides 3-D format conversion allowing separate L/R camera signals to be displayed on a single monitor such as JVC's GD-463D10.



Shotoku Broadcast Systems

Through sustained technical innovation and new product development Shotoku is a leading manufacturer of all types of camera support systems: Studio and OB Pan/Tilt Head, Pedestal, Heavy Duty Tripod along with EFP/ENG Camera Support products. Encoded Pan/Tilt Head for VR and CGI applications, Robotics and Remote Camera Control Systems. As a result of our commitment to customer needs these new products offer the highest level of performance combined with user-friendly and reliable operation. In use around the world, our systems are relied upon by broadcasters large and small for every type of camera support and remote control application.



SHOTOKU
BROADCAST SYSTEMS

Junger Audio

Program suppliers and broadcasters alike have long been plagued by 'surprise' level changes when switching from one source to another. Not only peak levels but also average operating levels can vary wildly from one source to another, wreaking havoc with unattended operation. The LT LEVEL MAGIC is a two channel digital Non destructive Loudness Normalizer providing automatic control of Loudness on any incoming source, regardless its input level with exceptionally high audio quality. This dynamics processor is based on LEVEL MAGIC adaptive loudness algorithm which is based on a Multi-Loop dynamic range control principle, where slow changes (AGC) fast changes (Transient processing) and Look ahead peak limiting are handled simultaneously thus offering level management with exceptionally high audio quality and without coloration, pumping, breathing, distortion or modulation effects.



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The 'Peg Swept Away by New Comedy Production

Cameras are rolling and curling rocks are sliding on the set of Men With Brooms, the CBC Television original comedy series produced by Serendipity Point Films, E1 Entertainment and Frantic Films.

Men With Brooms is now being shot in Winnipeg, with the Fort Rouge Curling Club acting as home for nine days of curling rink action on the production schedule. The rest of the shooting is taking place in-studio, along with some exterior Winnipeg locations.

Inspired by the popular Canadian movie, Men With Brooms celebrates Canadiana in a modern way. It's described a fresh and funny half-hour comedy, set to air as part of CBC TV's fall line-up beginning Monday, September 20, 2010.

Men With Brooms is a Serendipity Point Films, E1 Entertainment (now Entertainment One, or eOne) and Frantic Films production. The series was created by Paul Mather, who is also executive producer along with Laszlo Barna, Ari Lantos, Mark Musselman, Paul Gross and Jamie Brown. Paula Devonshire is line producer, and Shawn Watson is co-producer. Directors are Jeff Beesley, Brian Roberts and Kelly Makin. Men With Brooms is being produced in association with the Canadian Broadcasting Corporation, and the participation of the Canadian Media Fund, Manitoba Film and Music, the Canadian Film or Video Production Tax Credit, and The Ontario Film and Television Tax Credit Program.

Serendipity Point Films is a motion picture production company formed in 1998 by Robert Lantos.

E1 Entertainment is Now eOne

Toronto-based production and distribution house E1 has introduced a new brand identity that will now be used across all of its operations.

As such, the Film, Television, Music and Distribution operations will now operate under the "Entertainment One" banner, incorporating a new logo and a digitally-savvy eOne name for its entertainment (eOne), television (eOne Television), film (eOne Film), music (eOne Music) and distribution (eOne Distribution) arms.

The company says the new visual identity will clearly link all its various global operations to the publicly traded parent company.

Canadian Broadcasters Take Stand on thePlatform

Two Canadian broadcasters are the latest of the country's major media companies to implement online video publishing services from Seattle-based thePlatform, the white-label video publishing company and Comcast subsidiary.

The company's technology and software is being used to managing the online video efforts for Canwest (the broadcast property, GlobalTV, and other of its specialty channels) and the CBC's on-demand video and audio portal, with TV shows, film clips, and webisodes from numerous Canadian and global content producers.

thePlatform already drives Rogers Communications' 'TV Everywhere' initiative and its Rogers On Demand Online web portal, while competitor Corus Entertainment delivers broadband video through some of its online portals, including TreeHouse TV, and the W Network, with thePlatform.

The system is used in video-on-demand and subscription content delivery, and can be incorporated into workflows for HDTV and other large media files and libraries, monetization methods (advertising, subscription, pay-per-view), social networking integration, or multi-platform distribution to portable media devices like the Apple iPad or mobile smartphones.

Capitalizing on the company's significant Canadian in-roads, Marty Roberts, Vice President of Sales and Marketing for the-

Platform, told Broadcaster that thePlatform's services are akin to packaged delivery companies like FedEx.

They have a warehouse for storing the packages (usually control in this case by the media companies themselves), trucks and planes (or a digital content delivery network, CDN) and a central logistics system that manages which package gets picked up and when, how it's packaged and priced, while tracking its delivery to the consumer.

"thePlatform's media publishing system is akin to this central logistics system which oversees the process and enforces business policies around the video," Roberts said. "It's an open system which enables our customers to use a wide variety of CDNs, ad networks, storage options and more."

Roberts did not comment directly on the unique position he is in, providing valuable services to a range of broadcasters here, companies that could be called competitors.

Both CBC and Canwest used customizable software development kits from thePlatform to customize and uniquely tailor their offerings and the user interface used to access their content.

As Roberts noted, while thePlatform does provide storage and CDN services through resell relationships with other companies, that is not the primary role. The company uses a number of partners in the asset management, transport and file protection areas.

Digital rights management (DRM) is very important, he noted, and tools are included in the system. Likewise, geo-blocking is a major feature on thePlatform.

"It allows customers to designate restrictions geo restrictions, air dates, and a wide range of other business policies," Roberts described. "For example, one show or clip may have certain rights associated with it depending on which destination it plays. Our system provides customers with the ability to assign multiple profiles to the same video file to ensure those rights are enforced."

Pricing for such services is "utility-based" Roberts noted. "It is based on two main number factors, including the number of videos thePlatform manages for a customer (the size of the content library) and the number of views of that content."

"Also, our pricing reduces as usage increases, so we generally become a smaller portion of overall cost the more successful the online video initiative becomes."

thePlatform was also used to manage one of the year's biggest online video initiatives, as live streams of the 2010 FIFA World Cup finals were managed for rights holder CBC and matches were also syndicated to Rogers On Demand Online as its partner in program distribution.

Video Content Monitoring Solution Ramps Up at Videotron

Videotron is monitoring its HDTV and broadcast distribution signal quality using a new digital content monitoring solution from Tektronix and Sentry.

"Videotron has a well-deserved reputation in the industry for both technical excellence and for its unwavering commitment to quality," said Eric Conley, Vice President, Video Network Monitoring, Tektronix. "With the addition of Videotron, we continue to see the same rapid shift toward the Mixed Signals family of products from Tektronix in Canada that we have seen in the U.S., where nine of the 10 largest operators extensively use Tektronix monitoring solutions."

Videotron is employing Sentry's tru2way monitoring capabilities for data delivery to set-top boxes and other carousels, and its ability to monitor video quality and application carousels using advanced deep packet inspection to spot problems at the IP and MPEG layers, leaving no video or audio error undetected.

"We chose the Tektronix Sentry offering to ensure continued delivery of programming with the exceptional picture and sound quality our subscribers have come to expect from Videotron," said Alain Boissonnault, Senior Director of Digital Video

Development for Videotron. "As we expand our offerings with more HD programming and other advanced services, the chances for video and audio errors to occur grows, but with Sentry, we will be able to comprehensively monitor our content to catch and rectify errors quickly and with minimum fuss."

Videotron will begin its initial deployments of Sentry in its master headend in Montreal this summer. Sentry will be used to monitor programs as they are aggregated at the headend and prior to distribution to markets served by the master headend.

Mixed Signals was acquired by Tektronix in May 2010.

New Digital Encoding and Automation System at Astral

Astral Television is transcoding its broadcast video content with transcoding, transformation and new media automation service platforms from RadiantGrid Technologies.

The specialty television broadcast provider uses that company's TrueGrid transcoding technology to support IPTV, Over the Top (OTT), Video On Demand (VOD) and Pay Per View (PPV) transmissions.

Processing large amounts of content at Astral's facilities required a means of converting files quickly and efficiently, the companies describe, while supporting multiple parallel workflows and converting archive and production formats (GXF with Dolby E, Avid dnx, etc.) to different formats for file-based delivery chains.

"Online and VOD are becoming a normal part of the workflow for broadcasters like Astral, and as a result, they are going to require software able to handle the conversion for various, audio, video, closed captioning and associated metadata formats as quickly as possible," explains Kirk Marple, president and chief software architect, RadiantGrid Technologies. "RadiantGrid prides itself in being able to offer its users the broadest range of file support available — making it an ideal choice for a situation such as this."

RadiantGrid's TrueGrid transcoding technology allows users to transcode files faster than other platforms. It accepts many media archive essence and ingestion container formats, including Avid DNxHD, Avid IMX50, MPEG-2 Long GOP, GXF and MXF Op-Atom and Op1a. From any of these container formats, RadiantGrid can deliver content to broadband, mobile, cable and broadcast formats and standards such as Microsoft Silverlight (VC-1), H.264, CableLabs 1.1 MPEG-2, QuickTime DVCPRO-HD, Flash On2 VP6, 3GPP and the Apple iPhone.

In addition to offering decoding support, Astral also has plans to add RadiantGrid's GXF and Dolby E encoding options to its workflow so that the company will be able to convert files to GXF and Dolby E formats directly from post for on-air playback from Grass Valley K2 video servers. Also on the audio front, Astral says it will implement the Linear Acoustic module for Radiant Grid, providing it with a full range of file-based audio processing, such as dialnorm/compression profile adjustment and upmix/downmix.

Astral operates, on its own or with partners, 20 television services, including The Movie Network/HBO Canada, Family Channel, Playhouse Disney Channel, Viewer's Choice PPV.

Canadian Broadcast Deal for American Sunset

Canwest Television, successor in interest to Canwest Media, has landed exclusive Canadian broadcast rights to actor Corey Haim's last film, American Sunset

The sale to Global Entertainment Holdings (GBHL) was arranged through Kaleido-

scope Entertainment, based in Toronto.

American Sunset, starring the late Corey Haim and Frank Molina and directed by Michael Masucci, was featured at the Canadian Pavilion at this year's Cannes Film Festival.

"We are pleased to announce this broadcast arrangement with Canwest as it marks the first firm commitment for the film," said GBHL CEO Gary Rasmussen. "American Sunset was exhibited at an exclusive screening in the Palais during the Cannes International Film Festival this past May. This prestigious exposure resulted in many potential sales opportunities worldwide for American Sunset, which our sales subsidiary Global Universal Film Group is actively following up on."

Rasmussen also stated "since this film is a product of Canada, and the late Corey Haim's birthplace, it is fitting that we commence our sales efforts with a country wide broadcast for all Canadian to see."

Global Entertainment Holdings (GBHL) is a publicly-held, entertainment company. GBHL, through its wholly-owned subsidiaries, Global Universal Entertainment, Global Universal Film Group and its affiliated Canadian company, Global Universal Pictures, says it's in the process of developing and producing a slate motion pictures that will be produced in both the U.S. and in Canada with recognizable star names, financed with distribution and tax incentives, with worldwide sales handled through Global Universal Film Group.

GBHL and its U.S. subsidiaries are located on the Raleigh Studios Lot in Hollywood, California USA, and Global Universal Pictures, a partially-owned, Canadian affiliate, is located in Fredericton, New Brunswick.

Global Renaissance Funding (GRF) is a Joint Venture entity formed by GBHL and Global Renaissance Entertainment Group, helmed by Co-CEO Arthur Wylie.

GBHL, through another wholly owned entity, You've Got The Part (<http://www.youvegotthepart.com>), will attempt to capitalize on the current popularity of Hollywood and reality based programming by casting various film roles online. Anyone with access to a digital camera or cell phone will soon be able to submit their audition for a role in an upcoming film.

US Networks Pick Up Tricon TV Content

Tricon Films & Television has sold three of its signature properties, Family Renovation, Marriage Under Construction and House of Bryan, to leading U.S. specialty networks.

HGTV US has picked up all three seasons of Marriage Under Construction (39 X 30), a docu-soap that follows the personal and physical struggle of a newlywed couple renovating their first home for the first time. The series is produced by Toronto-based Tricon Films & Television and airs on HGTV Canada.

Sold to DIY Network are Family Renovation (13x30) and House of Bryan (13 X 30). Both are currently airing on HGTV Canada.

House of Bryan challenges renowned host of Disaster DIY, Bryan Baeumlner, to build his own home from the ground up in just six months. The series is produced by SI Entertainment. Family Renovation, produced by Ocean Entertainment, follows one family's home renovation experience while living through it.

These three new sales add to Tricon's existing roster of programming sold to networks in the U.S. and around the world, with distribution sales to-date reaching over 120 countries.

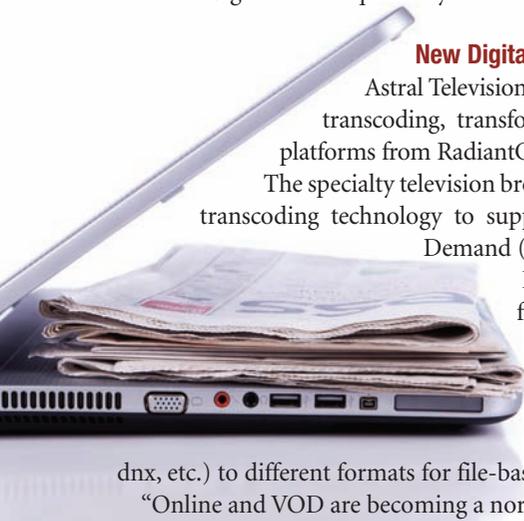
Green Light for Blackstone

Following the debut of the highly successful TV pilot, APTN and Showcase have joined forces to produce eight one-hour episodes of Blackstone.

Principle photography is now underway in and around Edmonton, AB; the show premieres early in 2011 on APTN and Global Broadcasting's Showcase.

The series delves into the tumultuous lives of residents on the Blackstone Indian Reserve. "Blackstone is relevant and relational in an Aboriginal story world, with universal themes and conflicts," describes director and creator Ron E. Scott

Blackstone is produced by Prairie Dog Film + Television in association with Aboriginal Peoples Television Network, Showcase and Canwest Broadcasting, with the assistance of the Government of Alberta, Alberta Media Fund, with the participation of the Canada Media Fund and with the assistance of The Canadian Film or Video Production Tax Credit.



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MPE-200

Sony's cutting-edge live Stereo Image Processor corrects stereo source misalignment in real-time, protecting the quality and value of live stereo images.

Created as a result of customer demand and following intense consultations with 3D producers, Sony's Stereo Image Processor optimises live 3D productions. It minimizes operational costs, and integrates 3D production into a traditional live production workflow.

3D images need delicate alignment in several axes. Even small errors can break the 3D illusion, or make it uncomfortable to view. Sony's Stereo Image Processor fixes most minor errors and optimises adverse parallax settings. Operators save set-up time, knowing that many issues can be fixed digitally. The processor benefits from Sony's unique Cell technology, analyzing and correcting 3D stereo alignment issues in real time.

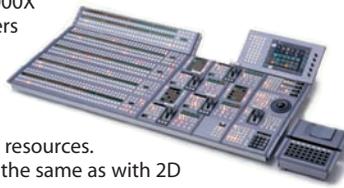
Future developments will integrate the 3D production processor with Sony's Cameras and Switchers to automate 3D stereo image correction and to reduce discomfort when switching between images with widely different depth



MVS-8000

Sony's acclaimed MVS-8000G and MVX-8000X production switchers facilitate 3D production in either dual link or 3G mode without sacrificing switcher resources. Operations remain the same as with 2D productions.

Optional 3D-specific software offers additional 3D features to simplify setups, link resources and establish depth parameters between sources. Switcher outputs can then be fed to 3D monitors, projectors and 3D distribution channels.



LMD Monitors

Professional 3D requires professional-grade monitoring. That's why Sony has created the LUMA™ Series LMD-4251TD and LMD-2451TD.

These cover a range of applications with 42-inch and 24-inch screens (1067-mm and 613-mm viewing area, measured diagonally). A micro polarizer screen attached to the LCD panel works in conjunction with supplied passive 3D glasses to separate right-eye and left-eye images. Because the glasses use circular polarization, you'll see virtually flicker-free 3D images, a huge advantage when you're spending countless hours in front of the monitor. As with other high-specification LUMA monitors, these models offer Sony's ChromaTRU™ colour matching, full HD resolution and wide viewing angle. With optional dual-stream HD-SDI interface boards, these monitors support 1080/60i, 50i, 24PsF, 720/60p. Also supported is Field Sequential HD-SDI (1080/30PsF, 25PsF, or 24PsF) and DVI - Line-by-line (1920 x 1080/60p, 50p or 720/50p)



BVM-L231

The BVM-L231 incorporates several new enhancements to the Trimaster lineup including new optics, backlight drive and 3G input capability. The BVM-L231 not only achieves the quality of monitoring confidence our customers have come to enjoy with Sony's BVM-A and BVM-D series CRT monitors, but it also adds innovative features for today's new master monitoring needs. These include a newly developed colour space selection function, a unique Picture and Picture display, and an interlace display mode to name just a few. The new BVM-L231 LCD master monitor comes equipped with DVI-D and HDMI as standard. Optional input modules are available to add HD-SDI, SD-SDI, RGB/Component or Composite/Y/C inputs. Dual-link HD-SDI is possible when using the optional BKM-250TG 3G Interface card. A total of four option slots are available and can be populated with any mix of the four available option modules. The BVM-L231 is controlled using the BKM-16R control unit. The BKM-16R control unit is also capable of controlling legacy BVM-D and BVM-A series CRT monitors as well as Sony's latest LUMA monitors, the LMD-2451W and LMD-2050W. The BVM-L231 incorporates Sony's TRIMASTER™ technology. The TRIMASTER technology is a design architecture used to bring out the full performance capabilities of professional flat-panel displays.



SRW-5800

The SRW-5800/2 is a full bandwidth high definition VTR that utilizes the latest generation of the MPEG4 Studio Profile codec. The /2 version now includes many features as standard, 4:4:4 RGB SQ (HKSR-5803SQ not required), 4:2:2 50/59.94P and double speed record & playback for 4:2:2 and 4:4:4 RGB SQ.

New features enabled with the HKSR-5803HQ option are 3D 4:4:4 RGB SQ, real-time 2K formats, MXF SStP (native SR codec) network file transfer and 96KHz audio. The SRW-5800/2 also supports a new SStP file format called SR-Lite which operates at half the bit rate of standard SR (440Mbps at 30fps) producing a bit rate of 220Mbps at 30fps. Yet it still maintains excellent image quality and multi-generation performance.



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The Sony's top-of-the-line XDCAM™ HD422 series is being embraced around the world for its file-based recording capability utilizing high-capacity and highly reliable Professional Disc™ media.

Enhanced functions, such as Slow & Quick Motion (over-crank and under-crank recording), make the PDW-F800 ideal for cinema and TV drama productions, as well as ENG applications.

Thanks to its MPEG HD422 codec, the PDW-F800 provides high-quality video and audio recording capabilities, with an image resolution of 1920 x 1080 and eight-channel 24-bit uncompressed audio.

www.sonybiz.ca

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Miranda Highlights 3DTV and Loudness Control Products

Miranda Technologies is highlighting multiple new 3DTV products, along with its award-winning loudness control systems.

The Stereoscopic 3D product range includes signal processors, multi-viewers and channel branding systems. The Densite 3DX-3901 Stereoscopic 3D signal processor provides high quality conversion of multiple 3D formats, including Dual 1.5Gbps, Dual 3Gbps, Single 3Gbps, and Single 1.5Gbps, with side-by-side encoding and Sensio side-by-side encoding. Monitoring functions include Anaglyph, Difference-Disparity, and Left or Right eye display.

All Kaleido multi-viewers, including the Kaleido-X (96x8), Kaleido-X16 (16x2) and the low cost Kaleido-Modular (8x2), can provide monitoring of Stereoscopic 3D signals, with support for Dual 1.5Gbps and Single 3Gbps signals. By using high performance Stereoscopic 3D monitoring during production, an operator can fully assess the video quality, and compare perspectives, before switching between two Stereoscopic 3D cameras.

The Imagestore 750 Stereoscopic 3D channel branding processor offers a variable 'Z-plane' for graphics depth control to optimize viewing, and this function can be controlled by automation or manually. The 3DTV branding graphics integrate fully with Miranda's Vertigo Suite graphics automation and asset management system.

Miranda's Automatic Loudness Control solutions prevent excessive audio jumps between programs and commercials, and between channels. The solutions offer exceptional functional integration, along with a choice of leading audio processing technologies to provide the best match for broadcasters and service providers' mix of channels.

Automatic Loudness Control is available with Linear Acoustic AEROMAX™ processing, Junger Audio Level Magic™ processing, and with Miranda's low cost, high performance wide-band audio processing. The processing can work in a 'set-and-forget' mode or with 'segment aware' operation, with playout automation driving a bypass mode or different profiles.

Zaxcom Intros Mini Timecode-Referenced Audio Recorder

Zaxcom has announced its ZFR200 audio recorder, an ultra-compact and lightweight replacement for wireless microphones. The ZFR200 records on microSD cards and features an integrated SMPTE timecode reader/generator.

With a high-strength nylon polymer casing that provides water and corrosion resistance, the ZFR200 weighs just 3.5 ounces. The unit can receive remote control and timecode signals via Zaxcom's IFB100, the new ZaxNet 2.4-GHz wireless network, or a manual timecode jam.

A timecode jam enables audio professionals to use any quantity of ZFR200 units in sync all day, with the integrated timecode generator ensuring one-frame accuracy over a six-hour period. The ZFR200 can output audio as either 24-bit/48-KHz timecode-stamped broadcast wave (.wav) files or timecode-stamped MP3 files. Each unit is powered with a single AA battery with up to 14 hours of run time.###



JVC Processes Stereoscopic 3D Images

JVC Professional Products' IF-2D3D1 Stereoscopic Image Processor works as a 2D-to-3D converter and as a 3D L/R mixer for video content producers. Housed in a rugged, 1RU metal cabinet and compatible with a wide range of HD formats, the IF-2D3D1 is designed to help 3D content producers improve their workflow, whether they are converting archived 2D material or shooting original content in 3D.

Using unique JVC algorithms, the IF-2D3D1 converts 2D content to 3D in real time, offering no fewer than four 3D mixed formats (which combine left-eye and right-eye images) for stereo video output on a compatible device: line-by-line, side-by-side-half, above-below, and checkerboard. JVC is making this 2D-to-3D conversion technology widely available under license. The IF-2D3D1 can also output discrete left and right signals via HD-SDI or HDMI for dual projection or editing. Output can be adjusted for parallax (image displacement) and 3D intensity — both with natural, anaglyph, and sequential viewing modes.

Generally, 3D footage is shot using a pair of video cameras, but producers have not had a practical method of real-time monitoring on location. The IF-2D3D1 easily combines the left-eye and right-eye images — nothing else is required except a 3D capable monitor, such as JVC's GD-463D10U, a 46-inch 3D LCD panel. A built-in HD-SDI frame synchronizer provides sync for two cameras that lack external sync, plus anaglyph and sequential viewing modes provide multiple ways to check 3D content.

Content creation workflow can also be improved through a variety of additional features. The Scope feature provides a waveform monitor and vectorscope for comparing both video streams on a display to ensure the settings for both cameras — such as exposure and white balance — are matched. The Split feature combines the two video streams on one screen with a moveable boundary, allowing instant L/R comparison. And when one of the two cameras has to be positioned upside down (to ensure correct spacing), Rotation makes sure both streams can be viewed the right way up and in sync.

HD-SDI / HDMI conversion

The HD Spigot S/H for HD-SDI to HDMI or the HD Spigot H/S for HDMI to HD-SDI

- Supports S/PDIF audio
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Blue Sky EXO 2

EXO2 is an evolution of the original EXO stereo monitoring system. EXO 2 is extremely compact system that can easily be carried or installed in a space where size is a key consideration. As with the original EXO, EXO 2 combines true, full range monitoring with the convenience of a desktop remote control hub.



Studiomaster PAS6

The Studiomaster PAS6 is a compact PA system ideally suited for applications that require unobtrusive yet clear defined sound. Available in powered and unpowered format the PAS6 offers flexibility and reliability when you need it most. (Also available in a "8 format).



Blue Sky BMC mk3

Blue Sky's Bass Management Controller is designed to offer full bass management, calibration and remote volume control in a convenient, easy to use package. Designed for professional applications, such as surround music or post production, the Blue Sky BMC features fully balanced inputs and outputs, along with ultra high-quality audio components. The BMC can be combined with Sky System One, ProDesk or a Big Blue system to create a world class multi-channel studio monitoring system. Because the BMC utilizes industry standard bass management circuitry, it is also compatible with many other studio monitors. The Blue Sky BMC MK III continues this lineage and philosophy of high value and superior performance products. Designed for use with 5.1 channel monitoring systems (and beyond!), the Blue Sky BMC MK III allows for complete control of all monitoring system parameters from a single, easy-

to-use, remote control.



Studiomaster VMS

The VMS is a complete Vocal management system. VMS incorporates a 6 position gain switch, 18db/octave low cut filter, full 48v phantom power, noise gate, compressor, 7 band graphic EQ, volume normaliser, onboard DSP with 6 studio grade effects. The VMS can easily replace several units from your rack and compress them into a 1U rack space package at an affordable price (\$549.00 CAD retail).



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NTG-1

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- Low noise circuitry
- Condenser transducer

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VIDEOMIC

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OLED Monitors for Broadcast, Pro Users

TVLogic introduced two 15" Organic Light Emitting Diode (OLED) Displays, a 2D and 3D stereoscopic model. OLED technology offers many benefits over conventional flat-panel designs including the widest possible colour gamut, 100,000:1 contrast ratio, blazingly fast image response, and full 180° viewing angle.

TVLogic's TDM-150W is the world's first 3D OLED monitor designed for stereoscopic cinema and broadcast production monitoring. The TDM-150W utilizes a 15" (16:9) Active Matrix Organic Light Emitting Diode Display (AMOLED) at native 1366x768 resolution combined with active shutter glasses for the most vivid 3D video experience yet. Includes full HD/SDI input and output support, including 3G and dual-link.

TVLogic's LEM-150L1 is the world's first HD OLED monitor designed for film and broadcast production monitoring. The LEM-150L1 utilizes a 15" (16:9) Active Matrix Organic Light Emitting Diode Display (AMOLED) for stunningly realistic images at native 1366x768 resolution. Includes full HD/SDI input and output support, including 3G and dual-link.

Designed specifically to meet the demanding requirements of broadcast, production and post-production monitoring, the revolutionary new OLED displays join TVLogic's extensive product line encompassing 23 HD displays from 7"-57" offering the industry's most advanced features and video processing.

Riedel Delivers Mediornet and Artist Products



Riedel has introduced the new and free Artist VCP-1004 Virtual Panel, the MADI and RockNet Mediornet cards as well as the software based Framestore feature for Mediornet.

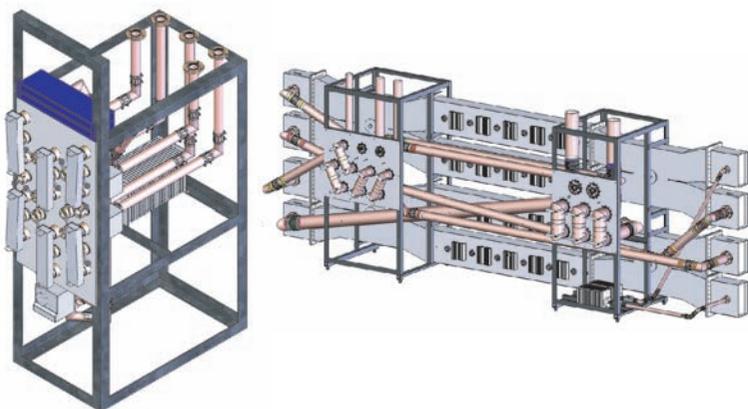
The Riedel Mediornet is the first step into an innovative new age of fiber-based real-time signal transport solutions for uncompressed multi-channel HD/SD video, audio, intercom and data. Mediornet combines signal transport, routing and signal processing and conversion into one integrated real-time network. Mediornet is not designed just for simple point-to-point links but offers a real network solution. This includes signal routing, allowing the user to send any incoming signal to any output or even to multiple outputs by just a mouse-click or, even more conveniently, by a router control system. Each Mediornet mainframe provides a router for 32x32 720p/1080i signals, 160x160 SD-SDI signals, 27,000x27,000 AES signals or any combination of these.

The new and free Riedel Artist VCP-1004 Virtual Panel allows a regular computer to be used as an intercom control panel in combination with any Artist digital matrix intercom system.

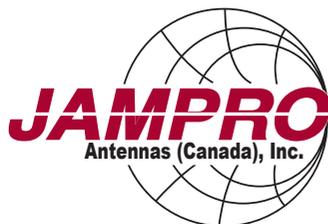
Computers running the Virtual Panel can be integrated via a wired or a wireless Ethernet connection into the matrix. The communication between matrix and virtual panel is realized via the VoIP-108 G2 client card.

The new Riedel Virtual Panel features four talk-keys and a shift-key to double the number of available keys. The panel provides the same signalization as regular Artist 1000 series control panels. The user operates the Virtual Panel with the computer's keyboard and mouse. The panel's audio input and output is implemented with the audio-interface of the computer. The Virtual Panel is set up via Artist's control and configuration software Director.

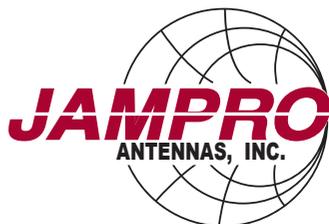
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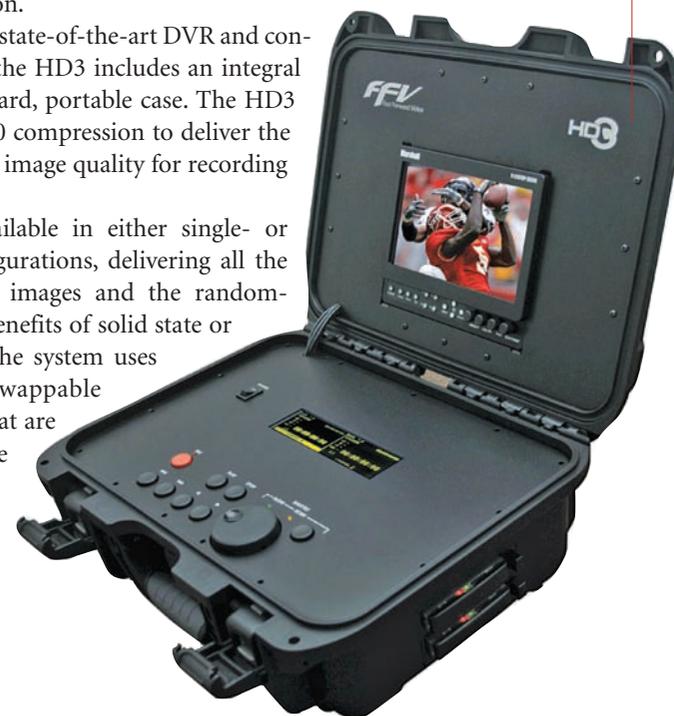
Complete line of antennas, filters, combiners, rigid transmission line and components for TV and FM

Portable, All-in-One HD Digital Video Recorder

Fast Forward Video (FFV) has launched its new all-in-one HD3 digital video recorder (DVR), designed specifically for on-set motion picture and television production.

Jam-packed with state-of-the-art DVR and controller technology, the HD3 includes an integral HD monitor in a hard, portable case. The HD3 harnesses JPEG2000 compression to deliver the highest HD and SD image quality for recording and playback.

The HD3 is available in either single- or dual-channel configurations, delivering all the advantages of HD images and the random-access non-linear benefits of solid state or hard disk drives. The system uses removable, hot-swappable 2.5" SATA drives that are compatible with the Omega HD.



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Bird Expands SignalHawk Spectrum Analyzers

Bird Technologies Group has expanded its SignalHawk Series of spectrum analyzers to include a dedicated rack-mount version, built using the same analysis engine the other SignalHawks, but with no display or keypad.



remote installations. The space-saving, efficient design has been packaged to fit into a standard two-rack unit slot, and has the sophisticated capability of a spectrum analyzer at a fraction of the price. High Performance in a

The SH-36S-RM includes Ethernet and USB connections for local or remote communication.

Over an Ethernet network, users can remotely analyze the performance of the system and diagnose problems from any computer on the network, whether in the same room or halfway across the province.

The system allows user at a remote location to:

- Remotely analyze the radio frequency spectrum.
- Measure intended and interfering signals.
- Set up parameters such as frequency and amplitude markers.
- Remotely display signal amplitude versus frequency, and save traces to your PC.
- Eliminate trips to difficult remote locations.
- Manage multiple sites from one centralized location.
- Verify FCC compliance via built-in emissions masks.

The New SignalHawk is a world-class, full-function spectrum analyzer designed to meet the needs of users who are responsible for maintaining

Rack-Mount Spectrum Analyzer:

- Fast, Accurate, and Sensitive: 66 dB Dynamic Range and -135 dBm Noise Floor.
- Minimal Rack Space Required: Only 2 RU.
- Eliminates trips to difficult remote locations.
- Same "Spectrum Analyzer" functionality as our hand held unit all from your office PC.
- Multiple sites can be monitored from one centralized location.
- Along with our BPME you can view your RF Spectrum and be alerted of any RF Power alarm - A TOTAL 1-STOP PACKAGE.
- Built in FCC Compliance Masks.
- Waterfall display.

Bird Technologies Group, Inc. manufactures radio frequency measurement and management equipment and systems and provides educational solutions and other services. The company serve broadcast, cellular, government, land mobile radio, medical, military, and semiconductor markets. BTG provides the physical infrastructure used by government agencies, public safety forces and the private sector.

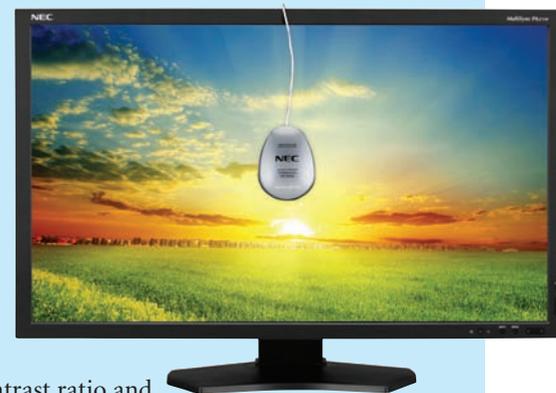
NEC Adds to Pro Desktop Display

NEC has added several pro display products to its portfolio, including a 27-inch MultiSync PA271W display, the first release of the MultiProfiler display configuration application and SpectraViewII version 1.1.04, which adds support for the 24-inch MultiSync PA241W and the new MultiSync PA271W.

Featuring a new size for the professional desktop category, the MultiSync PA271W is a high-definition monitor designed for advanced graphics applications, digital photography, video editing, print production and other environments where color accuracy is critical. Boasting a 10-bit p-IPS panel, a 2560 x 1440 pixel resolution and internal 14-bit programmable 3D lookup tables (LUTs), the MultiSync PA271W can display 1.07 billion colors out of a palette of 4.3 trillion when using the 10-bit DisplayPort input and provides the widest viewing angles available with minimal off-angle color shift using XtraView+T technology.

The new MultiProfiler application is exclusive to the MultiSync PA Series and provides easy-to-use control over several features. The application features Picture Mode preset configuration, which utilizes the SpectraViewII Engine in all MultiSync PA Series displays to allow multiple color modes to be quickly configured based on gamma characteristics, color gamut, white point and brightness for applications such as real-time print preview and matching of legacy displays. The Picture-in-Picture (PIP) configuration allows two video signals to be viewed simultaneously in a secondary PIP or Picture-by-Picture (PBP) window configuration. MultiProfiler also allows users to manage the monitor's USB hub and map the various monitor inputs, such as multiple computers attached to one display. The automatic generation of ICC profiles by MultiProfiler aids users when switching between or adjusting color modes. MultiProfiler is compatible with Apple Mac OS 10.3.9 or higher and Microsoft Windows 2000, XP, Vista and Windows 7.

The new release of SpectraViewII version 1.1.04 brings the complete color calibration solution for NEC displays to the MultiSync PA Series. In addition, the arrival of two new SpectraViewII models, the 24-inch PA241W-BK-SV and 27-inch PA271W-BK-SV, offer highly accurate color for demanding users who require crisp images and infinite perfection by touting a 1000:1 contrast ratio and up to 360 cd/m² of brightness. Their screens cover more than 97 percent of AdobeRGB, more than 92 percent of NTSC and 100 percent of sRGB. Enhanced connectivity for these models includes DisplayPort, two DVI-D inputs and a USB hub.



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Softel Integrates With Harmonic for OP47, SMPTE Data Insertion

The Softel Group has collaborated with Harmonic to verify OP47 and SMPTE2031 insertion with Harmonic DiviCom Electra 7000 MPEG-4 AVC HD encoder.

This integration provides a turnkey solution to system integrators and broadcasters. The solution enables the insertion of Teletext subtitles or even full Teletext services into any HD service and ensures complete compatibility with other elements of the transmission chain and receivers. This swiftly enables users to benefit from the high quality that HD or other premium services provide.

The Softel vFlex provides a complete solution for ancillary VBI and VANC data insertion, including VPS and WSS, opt cue encoding and decoding, and uniquely animated or static graphics such as clock and tickers.



Polecam Launches Microwhite LED Head

Polecam has added a new LED luminaire to its line-up of portable video and digital-film production equipment.

The Microwhite LED head is designed specifically for use with miniature broadcast-quality HD and SD cameras. It incorporates 20 white light emitters in ring configuration on a black Delrin body which attaches to a Fujinon compact prime lens via Polecam's FFFS head or to other cameras via a mounting cradle.

It can be used as a powerful dimmable primary light source in close-up shots and as a soft fill light to reduce shadowing in medium-distance shots, the company describes. It's powered from the Polecam DC supply bus.

Sensio and Miranda to Develop Suite of Broadcast Products for 3DTV

Canadian technology firms Sensio and Miranda are in partnership to develop a suite of high-performance broadcast products to enable end-to-end Stereoscopic 3D payout.

The first Miranda product equipped with SENSIO technology is the Densite 3DX-3901 Stereoscopic 3D video processor module, launched at NAB. The processor provides high-quality conversion of multiple 3D formats, including SENSIO 3D technology which offers visually loss-less compression-decompression technology for high-quality distribution of 3D content over existing 2D infrastructures.

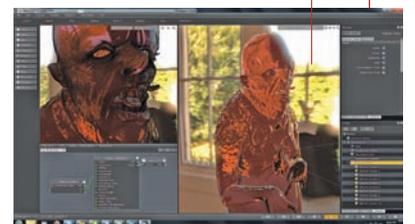
The Densite 3DX-3901 provides conversion of Dual 1.5Gbps, Dual 3Gbps, Single 1.5Gbps, and Single 3Gbps signals. It features a single 3Gbps/HD input and dual 3Gbps/HD outputs; this allows previewing of conversion effects, as well as 3D/2D simulcasting. The processor also offers horizontal and vertical flip, interaxial adjustment, and Horizontal Image Translation for adjustments to depth positioning, and for simulating a 3D landscape from a 2D scene.

NewTek and InterSense Develop Off-the-Shelf 3D Virtual Production System

Animation and video product maker NewTek, along with InterSense Inc., a precision motion technology developer, have developed what they are calling the industry's first off-the-shelf 3D virtual production system. By integrating NewTek's LightWave 3D animation software with the InterSense patented virtual camera technology, creators are able to model, animate, render, scout and set 3D shots for 3D virtual displays, video/game development and film production, industrial design, medical imaging and more with one commercial solution.

NewTek LightWave 10, in addition to integration with the InterSense VCam, provides production proven modeling, rendering and animation capabilities with new interactive display and rendering functions, data interchange enhancements, immersive real-time and game capabilities, Bullet rigid body dynamics, and new UV mapping tools.

InterSense's VCam delivers organic, real-time virtual camera tracking which makes it easy to scout virtual locations, frame shots, and quickly shoot, re-shoot and produce virtual content. The company's patented Hybrid Inertial Technology tracks motion with a combination of real-time positioning, tracking and alignment capabilities.





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New Products and Services for Broadcast Acquisition, Production and Media Distribution



Vizrt Introduces Viz Sports Online, an Out-of-the-Box Web Site Package

Vizrt announced a new software package, Viz Sports Online, incorporating all the creative tools and widgets necessary to get a sports website up and running right out of the box. The websites can

be launched in a standalone environment or can be hosted by a service such as Amazon Web Services.

Viz Sports Online is a flexible, modular suite of user-friendly, preconfigured Vizrt tools, providing users with complete creative freedom over the look and feel of web page layouts, image versions and sizes, and overall site structure.

With Viz Sports Online, all video, graphics, text, images, maps, statistics and web publishing tools are available from within a single, user-friendly, drag and drop-based interface. Design-savvy templates let users produce dynamic, branded graphics, maps and web pages that they can fill on the fly with text, images, headers and titles. Viz Sports Online also offers a full video repository with video editing, video playlists, picture-in-picture, and video ad integration capabilities.

The software package also simplifies the process of delivering multimedia-rich content, with support for thousands of different handheld devices. Automatic multimedia conversion enables streaming of video in many native mobile formats, as well as special features and swipe-controlled image galleries that Apple iPhone, iPad and other advanced handheld devices use.

Since websites are interactive by nature, Viz Sports Online-created websites let the audience contribute with their own blogs, comments, and personalized user profile pages, as well as participate in discussion forums with thumbs up or down ratings.

Interactivity is further enhanced by real-time user activity updates; the integration of RSS and Twitter feeds; as well as sophisticated, real-time sports statistics provided by Stats.com. Users can create relationships between this real-time sports data and editorial content, such as pages devoted to teams, players, matches, games and special events, to keep viewers fully informed and engaged.

HaiVision's iPhone/iPad App Brings Real-Time Control Over IP Video Recording

HaiVision Network Video's VFiControl is a new iPhone/iPad application for recording of live events in real time. VFiControl enables users to control the company's Furnace IP video recording process, apply real-time metadata (HotMarks) on the fly, and review recordings directly on a mobile device.

Furnace's VFiControl module was demonstrated at the 2010 NAB Show, and is used to control recording, review, and publishing video of medical procedures, medical skills and other training simulations, lectures, military exercises, and sporting events. With VFiControl, users can instantly review the recording directly on their mobile device prior to publishing it directly to the Furnace IP video system.

HaiVision enables clients to capture media easily, and deliver real-time metadata to the enterprise library. From within an event room, theatre, or stadium, users can login to the Furnace, select the video source, and initiate a network video record-

ing. During the recording, the user can tag moments with predefined or free form metadata. After the recording, the user can immediately review the video directly on their mobile device and commit the video asset to the Furnace video-on-demand system. Subsequently, from any computer, authorized users anywhere can review the video and instantly go to the points within the video that are of interest.

HaiVision's Furnace IP video system provides a secure and performance-oriented end-to-end media delivery environment for live video distribution, video recording, and VoD. The Furnace InStream video player lets authorized users on any computer review the video immediately. When Furnace users search for video using the system's InStream player, HotMarks applied via VFiControl are displayed in a list along with video. HotMarks also are displayed on the Furnace VoD scrub bar to provide fast access to specific content.

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Archion Offers Diverse Storage Solutions

Archion Technologies is offering new file-based and uncompressed HD workflow solutions, ranging from completely integrated storage area network (SAN) solutions to highly compatible, uniquely intelligent, add-on RAID (Redundant Array of Independent Disks) storage systems.

Archion's storage technology support hundreds of TV and feature film projects and is used in Avid, Apple, Adobe, Autodesk and Pro Tools environments.

The new EditSTOR storage system is specifically designed to meet the budget of smaller post-production facilities and creative agencies, yet offers the flexibility and functionality of more expensive systems. The turnkey, self-contained system offers a streamlined workflow with the support of multi-write OSX, Windows and Linux as well as Ethernet and Fibre Channel connectivity.

Archion's first product specifically targeted to direct-attached applications, the new EditDIRECT is certified direct-attached storage for Avid's complete editing product line, including Pro Tools, Apple's Final Cut Studio, Adobe and other popular editing tools. This innovative, flexible system delivers extremely high-speed serial-attached SCSI (SAS) storage technology, hardware RAID, fail safe media protection and full performance during rebuild.

The new Synergy UX8 joins the popular Synergy UXE and expands the four GB Fibre Channel architecture to eight. Combined with an 8GB infrastructure, this enables four times the “write” performance and twice the “read” performance as a mirrored Avid XT chassis.

Synergy UX8 offers mammoth storage capacity with up to 32TB in a single 3RU chassis, with 24TB of protected and usable storage - three times the amount of protected storage as a 16TB Avid XT. It features a built-in highly intelligent hardware RAID (configured in level 5) to manage storage more efficiently and ensure that all media is protected while eliminating the need to mirror. In addition, Synergy UX8 automatically rebuilds a faulty drive so the rest of the network is unaffected by the drive failure.

The Synergy UX8, like the Synergy UXE, also offers a powerful economic edge. By combining Archion's lower prices, the significant cost benefit of RAID 5 protection compared to mirroring and the increased power efficiency of fewer chassis, the cost per protected TB can be as much as 70% less to the end user.



Micro Videohub Now Shipping

Blackmagic Design has announced Micro Videohub, calling it the world's smallest 16 x 16 SDI router with 3 Gb/s SDI, auto switching SD, HD and 3 Gb/s SDI formats, full SDI re-clocking, USB, Ethernet and serial router control.

Micro Videohub is only one rack unit and less than an inch deep. It includes advanced features such as 3 Gb/s SDI, auto switching SD, HD and 3 Gb/s SDI, as well as full SDI re-clocking at an affordable price. Micro Videohub is perfect for customers who need an incredibly tiny router that also meets tough broadcast technical requirements for performance as well as reliability.

Micro Videohub includes more control interfaces such as easy to use USB, as well as direct Ethernet and RS-422 serial interfaces. Direct Ethernet router control allows direct connection to a computer network for control. Ethernet control is fully compatible with Blackmagic Design's wide range of software control panels and the new Videohub Smart Control hardware control panel.

Micro Videohub also includes a standard serial router control port, that lets system integrators interface to computers for automated routing control systems and integration into broadcast play out servers. The serial router control port uses industry standard protocols, so is easy to use. For developers, the USB interface can also be used, combined with Blackmagic Design's Videohub SDK for Windows and Mac, so full control of router crosspoint switching is possible.



Gamers Listen to SSL Master System

Game On Audio, the audio for videogame producer, recently installed a Solid State Logic C300 HD Master Studio System with 32-faders and 192 channels of DSP in its new Montreal Studio A.

Game On Audio has provided a wide variety of services for the gaming industry over the years participating

The C300 is used to handle the ever growing complexity of post production mixing for video games for well-known studios including Electronic Arts, Ubisoft, 2K Games, Tangent Games, Activision and Microsoft Studios.

The C300 is joined by an SSL XLogic Mynx with two SuperAnalogue mic pres for vocal recording and two SSL XLogic Delta Link MADI HD units.

Because the C300 control surface is fully programmable by the end user, it offers Game On Audio the unique power of setting up a library of console presets. These presets cover everything from the favorite workflow settings of individual engineers to re-calling specific projects or console configurations supporting client work styles.

Game On Audio also has an SSL AWS 900 console and the positive experience with the SuperAnalogue mic pres prompted the purchase of Mynx boxes featuring the same preamps. This is the standard mic pre for all Game On Audio sessions in all studios for consistency of sound quality for the voice elements in a game. The C300 allows Game On Audio to bring together all the components — dialogue, effects and music — for a mix using a Pro Tools HD|5 system with XLogic Delta Link MADI HD units to interface between DAW and console.



Newtec Offers Broadcasters IP Migration Tools

With IP migration in the broadcasting industry underway, broadcasters, integrators, SNG operators and network operators need to keep pace with that latest technology and market changes to remain competitive. Choosing and building the right production and contribution infrastructures are critical in order to support new workflows and be future proof.

DualFlow, now available with Azimuth satellite broadcast equipment from Newtec, enables a progressive migration from a traditional ASI video satellite transmission network to an IP infrastructure.

DualFlow supports both IP and ASI interfaces, allowing broadcasters to make the transition to IP connectivity at any time

DualFlow allows broadcasters to transport IP over satellite in the most efficient way, and also to transmit traditional MPEG signals or a combination of both IP and MPEG on the same carrier.

DualFlow is a new technology allowing broadcasters to migrate cost-effectively from traditional ASI to IP-based satellite operation, with efficient investment during the transition period. Aimed at the contribution, DSNG, and distribution markets, DualFlow enables two-way IP interactivity over satellite and allows operators to choose when they make the switch to IP by simultaneously supporting both ASI and IP. Operators can therefore continue to service clients using ASI and cater for clients already converted to IP operation.

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Battery Power Safe for Airplanes, Ecosystems

LibertyPak's aeronautically and ecologically safe portable battery solutions, ranging from belt packs to briefcase-size power sources for film and digital. Available in 12-volt and 24-volt configurations, LibertyPak battery power sources are now available through 16x9 Inc.

The lightweight PowerBelts are constructed of robust ballistic nylon with Velcro closures and provide up to six hours of power. For situations demanding more power or power over longer periods, the briefcase-size Little Genny 400 and small totebag-size Big Genny 1000 can provide 320 Watt hours (600W peak) and 960 Watt hours (1100W peak), respectively.

LibertyPak portable battery power sources feature state-of-the-art cells with an electronic patented assembly that contains components certified to comply with U.N.-DOT guidelines and IATA regulations for airline travel. All components — the main ones being lithium, iron, phosphate, aluminum and copper — are non-hazardous and RoHS (Restriction of Hazardous Substances) compliant.

The chemical makeup of the new LibertyPak batteries allow for much faster recharge rates over lithium-ion cobalt and NiMH without the worry of battery memory or shortening its life span. LibertyPak's trademarked SliC Technology, or safe lithium cell chemistry, will allow four times the sustained energy release, which means more power with less heat and higher efficiency.

Traditional chargers and rapid chargers with built-in fans are available, as is the portable, foldable LibertyPak Solar Panel chargers.



Open Text Enhances Media Management

Open Text announced Open Text Media Management 7, a major upgrade to its digital asset management solution, including a completely new user interface for finding, accessing and managing large volumes of digital media assets.

Media Management 7 also delivers powerful new process automation capabilities designed to help companies optimize media operations, improve business agility and increase control over digital media content.

With Media Management 7, Open Text is delivering a platform designed for the digital media era, where the technology to create and consume digital media — for example on tablets or mobile phones — far exceeds the ability of organizations to manage, control, and efficiently distribute the rich media assets involved. The new solution allows an entire organization to produce, use, and publish digital media and automate the associated processes. In turn, this low-

ers costs and puts the media to use more profitably, with reduced liability stemming from inappropriate use or distribution of content.

As digital media has become pervasive, the need for media management is expanding from roots in the media and entertainment industry to encompass many additional market segments.

To enable it to step into this expanded role, Media Management 7 delivers an intuitive user experience that makes digital media tasks straightforward and convenient. The user experience was shaped based on work with top UI designers and extensive testing with multiple target user groups and sets the bar for enterprise software design and usability.

Open Text will further enhance the user experience in Media Management 7 by integrating content analytics technology from recently acquired Nstein Technologies. Using patented technology, Nstein's software creates a "semantic fingerprint" for content

to unlock its inherent value, making it more findable, visible, understandable, organized and analysis-ready.

To meet the needs of global enterprises, Media Management 7 delivers integration with the Open Text ECM Suite and leverages shared services, the defined layer of integration for all ECM Suite offerings. This allows media creators and publishers in the enterprise to take advantage of workflow and lifecycle management capabilities of the ECM Suite in a simple and intuitive fashion. A key advantage of this integration is that it allows companies to customize and evolve their processes without requiring database or code changes. It also delivers integration with Open Text's industry leading Web content management solutions including the recently announced Vignette Content Management 8 as well as the ability for users to work with digital media from mobile devices using Open Text Everywhere.



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