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Latest news about [Audio-Visual-Presentations\(AVP\)](#)

The free of charge service for data- and video-projection and presentation



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Dear newsletter readers!

This issue of www.AVP-Newsletter.com presents you with latest news from the data- and video projection / presentation.

1) **ISE: Audio Demonstration Rooms for the first time in 2010**

Integrated Systems Europe will offer Audio Demonstration Rooms for the first time at its 2010 event, the show's organiser, Integrated Systems Events, has announced. Located in the upper floors of the Amsterdam RAI's stunning new Elicium building, the rooms will give exhibitors the chance to show the latest in audio technology in a controlled, invitation-only environment, while visitors will have the opportunity to hear sound at higher levels than has previously been possible at ISE. Available in a range of sizes from 27 to 40 square metres, all 12 rooms are fully sound-proofed and air-conditioned. They are easily accessed from Hall 12 of ISE, which is itself centrally positioned and acts as the main attendee artery between the two 'halves' of the RAI. The rooms are located on three floors, each of which has a light, airy central breakout area with wayfinding digital signage, furniture, and superb Amsterdam views.

More: <http://www.iseurope.org>

**Integrated
Systems
Europe**

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Enjoy reading !

Yours Kai Kröger

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2) projectiondesign: Virtual Efficiency Congress

Norway's projectiondesign sponsored the first Virtual Efficiency Congress held at SpOrt Stuttgart in Germany 5-6 November, 2009. The event saw the first ever demonstration of the company's flagship three-chip F80 1080 DLP projectors in a stereo visualization configuration, using embedded INFITEC wavelength multiplex imaging filter technology. The result was outstanding passive stereoscopic 3D images and highly consistent, accurate and comfortable viewing from any angle. This type of configuration is perfect for bright, large-screen viewing in a range of environments such as VR analysis, museums, CAVEs and large room presentations.

More: <http://www.projectiondesign.com>

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3) Da-Lite: New 3D Virtual Grey Projection Screen

In a move to meet the market demand for its 3D Virtual Grey front projection screen material, Da-Lite Screen Company has increased the gain on this innovative screen fabric by over 40 percent. The recently introduced 3D Virtual Grey with a gain of 1.85 replaces the previous 1.3 gain fabric that provides a dramatic improvement in the brightness of the projected image, while maintaining the superior 99 percent polar retention of the previous material. Since the introduction of Da-Lite's 3D Virtual Grey front projection screen and its companion rear projection fabric, 3D Virtual Black, the market for 3D has literally exploded. Designed specifically for 3D front projection systems, 3D Virtual Grey is a flexible projection fabric that retains 99 percent of polarized light. Other characteristics include the ability to maintain high extinction values, virtually eliminate ghosting or crosstalk common with stereoscopic 3D projection and excellent image contrast. 3D Virtual Grey offers a 1.85 gain, which is compatible with low levels of ambient light and is available in seamless sizes up to 16' in height.

More: <http://www.da-lite.com>

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4) WolfVison: Visualizer VZ-9plus3 - The Third Edition

At the Infocomm 2009 in Orlando WolfVision introduced the Third Edition of the High End Visualizer VZ-9plus3 with great success. The VZ-9plus3 follows WolfVisions famous Visualizer models VZ-9 and VZ-9plus, which have become a worldwide standard in a large number of universities and enterprises in recent years. The new housing with a modern design, a backlit keypad and many new outstanding features clearly indicates a major update from the previous units. Probably the most groundbreaking new feature is the "Synchronized Lasermarkers": Small dots of laser light, projected from the camera head onto the working surface, mark the edges of the pickup area of the built-in camera. This allows for easy positioning of objects on the working surface. The "Lasermarkers" are synchronized with the camera and change accordingly when zooming in and out. While the "Synchronized Lasermarkers" can clearly be seen on the working surface, they remain invisible in the picture picked up by the camera. The edges of images in 4:3 and 16:10 aspect ratios are marked on the working surface. The unique combination of the built-in LCD monitor and the new "Synchronized Lasermarkers" makes it easier than ever before to position an object on the working surface. Other important new features of the VZ-9plus3 include: 3 native Resolutions in all 3 popular aspect ratios: (SXGA - 1280x960 pixel - 4:3, WXGA - 1280x800 pixel - 16:10 and 720p HD - 1280x720 pixel - 16:9); Enhanced Zoom Range (16x optical and 4x digital zoom); Additional LAN features like Streaming in Multicast and Singlecast (Unicast) Mode, Authentication etc.; Integrated Seamless Switch with Fading Effects; USB Host Port for Connecting USB Sticks (Extension of Image Memory etc.) and more.

More: <http://www.wolfvision.com>

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5) **eyevis: DLP Rear Projection Cube with LED Light Source**

With the new EC-LED cube series, eyevis presents a revolution in the fields of modular video walls. The displays are available in different sizes and resolutions. Besides native HD-resolution (1,920 x 1,080 px) and SXGA+ (1,400 x 1,050 px), this new technology will also be available in WUXGA resolution (1,920 x 1,200 px) in 16:10 image format. With this rear-projection cube with LED light source, eyevis has set a milestone. The cube is designed for sophisticated 24/7 applications. The technology is based on the DLP (Digital Light Processing)-technology by Texas Instruments. This display technology allows the display of high-resolution images in best image quality. The cubes were developed according to the requirements in areas with difficult lighting conditions and other security relevant conditions. The MTBF of the LED's averages 55,000 hours according to the manufacturer. All other components of the cube are of highest quality "made in Germany" and designed for continuous operation.

More: <http://www.eyevis.de>

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6) **Barco: New OL series available for sale**

Visualization specialist Barco announced that its new LED-lit rear-projection video walls are now available for sales. The OL series of video walls presents significant quality improvements over the current state of the art in LED projection. Barco's OL rear projectors come with Sense6, a sensor technology which co-ordinates across multiple rear-projection modules to provide brightness and color stability over time and across the entire video wall screen. An integrated spectrometer continuously measures brightness and color characteristics of the full visual spectrum. Sense6's algorithms monitor the outputs of these spectrometers in real time and then dynamically and automatically adjust all the projectors of the video wall to generate an image that is most suited for viewing by the human eye. Unlike factory calibrated systems, the OL continuously measures and adjusts color and brightness in real time and therefore requires no maintenance or manual adjustments. Barco's OL series makes a more compact control room design possible. The new OL series has also been specifically designed for ultra-fast set-up and configuration, which allows for savings on installation time and expenses. The projection module is delivered as a pre-installed and pre-aligned unit. Colors and brightness auto-calibrate. The micro-engine needs no alignment stage, since the imager itself is motorized.

More: <http://www.barco.com>

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7) **Mitsubishi Electric: L46XM – slimline LCD display**

Designed specifically for the control room market, the L46XM can be used to create an extremely compact, standalone display wall system. Mitsubishi's Color Space Control accurately adjusts the color and brightness of each display automatically to deliver a consistent display wall image. Built-in Digital Gradation Circuits elevate the brightness level at the edges of each display to create uniform brightness across the entire wall. Each display shares data from its built-in brightness sensor with its neighbours, enabling the Dynamic Brightness Balancing feature to maintain a uniform display wall brightness level over extended periods of time. With a total mullion width of 7.3mm, the slimline LCD display is particularly useful for multi-screen applications where floor space is limited, for example, in small CCTV security or surveillance rooms, broadcast suites or incident rooms. The L46XM is also very suitable for industrial process and power generation monitoring facilities. L46XM offers a high-quality 46" diagonal WXGA (1366 x 768 pixel) display, delivering 700 cd/qm brightness and a 3000:1 contrast ratio. The 178° viewing angle ensures good visibility across a wide arc, and with its professional-grade build quality and design, users can expect a long operational life. The whole range, which will include a soon-to-be-announced LED-powered cube engine, will be on show at ISE 2010, RAI Amsterdam, 2-4 February.

More: <http://vis.mitsubishielectric.co.uk>

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8) **Conrac: New Narrow Bezel Display Series**

A pioneering new feature has been added to CONRAC's Narrow Bezel Displays. Essential especially for displays installed in large networks is "Display Performance Monitoring" (cDPM). Despite the almost frameless design a special sensor has been integrated in the front bezel. This sensor continuously monitors the TFT panel's function (backlight, inverter, power supply and interface). Any malfunction is immediately detected and reported giving total control over all screens connected. The latest generation of flat screens for digital signage is mainly characterised by the thin bezel design. A bezel width of less than 15mm, the high resolution and excellent image quality makes the Narrow Bezel series the ideal displays for cluster solutions. An application long waited for can now be realised: large display-walls using large flatscreens with near to no disturbing frame in between.

More: <http://www.conrac.de>

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9) **3M: Multi-touch Capabilities for Windows 7**

3M Touch Systems announced that its Projected Capacitive and Surface Capacitive touch screen products have achieved the "Compatible with Windows 7" logo. 3M Projected Capacitive touch technology has received Windows Touch Additional Qualification (AQ) status for multi-touch interactivity by meeting 100% of the testing criteria. This 3M touch technology offers Windows 7 developers "true" multi-touch functionality with 10-finger simultaneous touch capability for real-world multi-finger and multi-user applications. This technology is currently available as a 19-inch multi-touch developer's kit. The MicroTouch System SCT3250EX (HID) from 3M, based on the company's Surface Capacitive touch technology, has received the "Compatible with Window 7" logo for single touch and digitised gesture capabilities. With this certification, customers are assured that their 3M touch screen displays or 3M touch-enabled devices with 3M USB-HID connectivity will plug and play with the Windows 7 operating system without loading touch drivers. This helps assure ease of integration and helps VARs and systems integrators take advantage of the touch functionality built into Windows 7 as they rollout new programs or upgrade existing ones. The SCT3250EX HID product is available in display sizes ranging from 6.4 inches to 32 inches.

More: <http://www.3M.co.uk/touch>

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10) **Gefen: HDMI v1.3 over CAT-5 ELR (Extra Long Range) extender**

Connectivity solutions provider Gefen announced the release of its HDMI v1.3 over CAT-5 ELR (Extra Long Range) extender. This sender/receiver system sends high definition video with audio, Ethernet and IR back channel up to 330 feet (100m) over just one CAT-5 cable. This is nearly double the distance previous systems could reach using two CAT-5 cables. The ability to extend Ethernet allows IP-based applications to be easily integrated into the system, and an IR blaster allows the remote source to be controlled by an IR remote pointed at the display. Hi-def resolutions up to 1080p/60 full HD supporting deep color, lip sync and 8.1 digital audio with Dolby TrueHD and DTS Master Audio are delivered instantly from the local source to the extended display. The system's sender unit connects to the source; the receiver unit connects to the display. One CAT-5 cable connects the sender to the receiver, and may be placed in conduit or run along the floor. A true plug and play installation, ease of use and a reliable, steadfast performance make the HDMI v1.3 CAT-5 ELR a valuable product for anyone installing hi-def audio/video systems today.

More: <http://www.gefen.com>

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11) **Crestron: HDMI Distribution Amplifier**

The HD-DA-2-QUAD is a single rack-space unit containing four independent 1-to-2 HDMI distribution amplifiers. It is designed to split up to four HDMI, DVI, or DisplayPort Multimode signals to feed separate displays or processors, and is ideal for adding "loop-thru" capability to the inputs of a Crestron DVPHD Digital Video Processor. The HD-DA-2-QUAD supports HDMI 1.3a w/Deep Colour and HDCP, handling 1080p60 HDTV and WUXGA computer resolutions, and multi-channel HD lossless audio. The HD-DA-2-QUAD is also perfect for presentation and home theatre systems that include more than one or two displays. The HD-DA-2-QUAD expands the capabilities of the HD-MD8x2 QuickSwitch HDMI switcher. The HD-MD8x2 accepts eight HDMI sources (or a combination of composite, component, S-video, VGA, DVI, DisplayPort and Ethernet, using a DMCI - DigitalMedia Card Interface) and transmits up to two of those sources to two displays. Adding the HD-DA-2-QUAD enhances the system to accommodate more HD displays.

More: <http://www.crestron.co.uk>

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12) **HELVAR: Lighting Control at Independence of the Seas**

Completing a series of installations that see its lighting control systems powering each of a trio of the world's largest cruise liners, Helvar has supplied the recently launched vessel, Independence of the Seas with a comprehensive lighting control solution. The colossal Royal Caribbean International liner, one of the most innovative European ships, as well as the largest, will be based in the UK port of Southampton and, with lighting control a key part of its interior design, it has been fitted with a number of products from Helvar's Imagine and DIGIDIM rack and router ranges. The versatility of the DALI based systems led to their specification across the majority of public areas, on eight decks of the ship. Featuring Helvar's latest and most versatile dimmer at its heart – the multi-channel, inductive 458 – the control system incorporates a network of 920 Imagine routers. An important step forward for digital lighting technology, the TCP/IP based 920 seamlessly integrates commercial and architectural lighting systems and resolves the problems faced by lighting designers looking to combine efficiency with striking displays of powerful scene-setting capability. Independence of the Seas was built at the Kvaerner Masa-Yards in Turku, Finland.

More: <http://www.helvar.com>

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13) BrightSign: SMS Video Interactivity to in Paris

BrightSign digital sign controllers have been installed in the VIP Room Theater, one of the most famous Paris nightclubs. The installation features coffee tables with 32-inch screens set horizontally into the table top. Video clips and playlists are updated remotely over the Internet using the BrightSign Network Manager and users can send messages in real time to each table using standard SMS text messaging. One of France's leading digital agencies - L'île des Médias - was commissioned by a major champagne company to design the six video tables, adapted to the nightclub environment. The goal was to reinforce the champagne's exclusive image by showing advertising clips, videos from its elite nightclub events and presentations of its VIP suites in Cannes, St Tropez and Paris. To add a further personal touch, the client wanted to show welcome messages alongside the main video zone. Each of the six interactive video tables is managed remotely via an Internet connection to update content. Video content is updated around once a month over the Internet and delivered in high-definition 1080i format. Text messages are delivered to the table screens via an Internet gateway and displayed in an RSS feed zone defined by the BrightSign's configuration. BrightSign Network Manager simplifies the task of automated updates and L'île des Médias created a special application to make the SMS text messages display on the BrightSign units.

More: <http://www.brightsign.biz>

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14) TANDBERG/BroadSoft: Extended their joint solution capabilities

TANDBERG and BroadSoft, Inc., provider of VoIP applications, announced at the BroadSoft Connections 2009 Users' Conference in Scottsdale, Ariz., that the companies have extended their joint solution capabilities through additional TANDBERG product interoperability and applications. Now, it is even easier for service providers to deliver integrated video and voice solutions to businesses of any size through a Software as a Service (SaaS) model. With BroadSoft's Device Management functionality, the configuration and provisioning of TANDBERG video products is now seamlessly integrated with BroadWorks business applications. The TANDBERG E20 can now be deployed by service providers using the same management and provisioning processes they use today for traditional VoIP phones and devices. This single, unified service activation process for both audio and video aspects of unified communications solutions speeds and eases the integration process for service providers and customers. In addition, BroadSoft is tightly integrated with TANDBERG Multipoint Control Units (MCUs), which enable hosted multipoint video conferencing, so service providers can deliver video conferencing as a cloud service to businesses.

More: <http://www.tandberg.com>

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15) TLS: Russian subsidiary in Moscow

The founding of the Russian subsidiary allows TLS for a strong presence in this rapidly growing AV- and education market with optimum support service given to the local partners. In the presence of numerous invited guests Horst Kleinpeter (Managing Director TLS) talked about strong local partnerships, strategies and visions in the future market Russia. „We planned and well prepared this step for starting TLS Russia for a long time. Russia with its 140 million inhabitants offers great potential in AV- and installation technology. Also in this huge country our claim will be to offer state-of-the-art technology with user-oriented functions at a fair price. Our goal is to offer the Russian market a measurable added value. Together with strong partners we want to be at the right place at the right time with the right solution.“

More: <http://www.tls-gmbh.com>

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16) Minicom Digital Signage: Videosophia srl as its representative Office

Minicom Digital Signage is proud to announce the appointment of Videosophia srl as its representative office in Italy. This agreement gives Videosophia's customers access to the latest technology for the transmission of high resolution multimedia content in real-time from a player to any number of screens. Minicom Digital Signage extension and distribution systems enable high quality images and audio to be transmitted over long distances, producing an extremely powerful digital signage solution.

More: <http://www.minicomdigitalsignage.com>

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17) ARAM: New catalog available

ARAM Multimedia, one of the largest Eastern Europe AV Rental company, has just released its latest rental catalog. The new catalog contains latest 10mm SMD LED video screens for indoor and outdoor applications, solutions such as water screens, wide choice of Creative LEDs and FogScreen – a screen which you can go through, and many other AV solutions such as Plasmawall, iFloor or lighting equipment.

More: <http://www.aram.pl>

18) projectiondesign announces change in ownership

Norwegian high performance projector manufacturer, projectiondesign is capitalising on the growing global demand for high-quality products as well as partner support with the announcement of a change in ownership to include Norwegian private equity firm Herkules Capital AS. The move follows the purchase of a 54% share in projectiondesign from previous main shareholder, Eker Group AS headed by top Norwegian Industrial Designer Bård Eker. projectiondesign has emerged as an industry leader in the creation, development, design and manufacture of high-quality projectors for specialist professional, industrial and private sector applications. The company currently has 135 employees, including in-house product testing, research & development in electronic, optical and mechanical system design, and has shown strong growth since being established in 2001. projectiondesign's head office is located in Fredrikstad, Norway.

More: <http://www.projectiondesign.com>

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