## business trends

# Products of the Year

## SOME OF 2017'S MOST INFLUENTIAL INNOVATIONS

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**2017** was a killer year for professional AV. With the influx of IoT, experiential design, and networked everything, the audio-visual game is changing. Our 2017 Products of the Year showcases the new and innovative technologies that are redefining the AV industry.

### AMX Acendo Vibe 5100

The Acendo Vibe 5100 is a web conferencing soundbar with integrated camera. Featuring Sound by JBL, integrated connectivity that a professional environment requires, and a look that holds up to modern workspace architecture, Acendo Vibe supports the high standards of today's workforce. With Acendo Vibe's wide-angle camera, integrated

JBL speakers, far-field microphones, and DSP algorithms, users can be sure everyone in the room is seen and heard clearly. Additionally, because the camera and microphones are integrated into the same device the potential for echoing during the call is eliminated.

### Atlona Velocity

Atlona's networked AV control system, Velocity, is highly scalable and easy-to-configure system that is built to maximize redundancy and prevent downtime in multi-room AV systems. Velocity provides a flexible platform for control of Atlona and third-party products, while its network-based system management approach enables control system configuration using a web browser along with offsite devices. Velocity is comprised of three distinct elements that work together as a single, unified platform: Velocity Cloud, a centralized online resource for remote configuration, monitoring and service; Velocity Control Gateway, an IP-based control processor with automatic failover capabilities; and Velocity Touch Panels, available in 5.5- and 8-inch screen sizes.

### Avocor Note by Nureva

Avocor Note by Nureva is an easy to use whiteboarding application that comes standard with all Avocor displays. With a selection of backgrounds, images, and icons, the software is designed to enable users to create professional-looking whiteboard content. The software works seamlessly with Avocor displays, fully supporting object awareness, including pen, finger, and palm recognition. Content created in the software can be easily shared with others, as a complete whiteboard session page, individually as images or PDF files for distribution anywhere in

the world. Content can also be shared into other applications including Nureva Span for further collaboration.

### Biamp TesiraLUX

Biamp's TesiraLUX adds low-latency, 4K-networked video transport to the Tesira ecosystem through the reliability of AVB/TSN. The TesiraLUX product line includes an AVB video encoder (TesiraLUX IDH-1) and an AVB video decoder (TesiraLUX OH-1). The encoder features one HDMI port, one DisplayPort, and includes two mic/line level analog inputs. The decoder includes one HDMI port and two-line level analog outputs. TesiraLUX supports the latest advancements in video formats, including 4096x2160 at 60Hz, high dynamic range (HDR) and the Rec. 2020 color space. It can accept video at up to 16-bit color depth with 4:4:4 chroma subsampling. It also supports eight channels of embedded PCM audio which can be broken out to be routed and processed independently.

### Chief PRSU Portable Flat Panel Stand

Chief's PRSU stand was designed for quick, tool-less, and intuitive set up. Most integrators and endusers are able to build this cart in less than two minutes—even the first time. The product's rugged design can withstand the wear and tear that is commonplace when working with portable AV applications. The PRSU also breaks down and folds up for easy space savings, and can be stored in a customized, wheeled case accessory that can be stacked or set upright to accommodate various truck and warehouse spaces.

### ClearOne VIEW Pro

ClearOne's VIEW Pro line of media encoders and decoders, along with the powerful new PANORAMA and CONSOLE video wall software delivers high quality multimedia streaming on an existing IP network, giving integrators and endusers an install-ready system with 4:4:4, true-color digital media distribution. With various rack-mount components, as well compact decoding options, offering H.264 compression, 24-bit color, up to 1080p resolution at 60Hz, ultra-low latency, video windowing, and advanced content control, the VIEW Pro line provides scalability to maximize the potential of any digital display network, whether in a new construction or renovation environment.

# business trends

## Crestron DigitalMedia NVX

Crestron DM-NVX-350 is a compact video encoder/decoder designed to function as either a transmitter or receiver with the ability to switch between the two modes programmatically via commands from a Crestron control system. The DM NVX Series is a 4K60, 4:4:4, HDR video over 1Gb Ethernet solution that provides network security at the product level, leveraging a battery of standard network security protocols including 802.1x authentication, active directory credential management, PKI authentication, AES encryption, TLS, SSH, HTTPS, and secure CIP. DM NVX delivers a scalable, high-performance solution for enterprise-wide 4K content distribution.

## DVIGear DisplayNet DN-200 Series

The DisplayNet DN-200 Series leverages the latest SDVoE technology to distribute uncompressed AV signals with resolutions up to 4K /60Hz over a 10GbE Ethernet network. The DN-200 Series adds support

for HDMI 2.0 with up to 12-bit color, HDCP 2.2, DisplayPort 1.2, and High-Speed USB 2.0. A high-performance scaler in both the Transmitter (Tx) and Receiver (Rx) units enables very fast switching, multiviewer, and enhanced video wall processing.

## Extron HC 404

The HC 404 is an affordable and easy-to-use AV system for collaboration spaces. The system features built-in control capabilities and integration with occupancy sensors to automate display power and source switching for a simplified user experience. Created for professional

integration, the low-profile HC 404 components can be discreetly mounted beneath a table or behind a display. HC 404 systems integrate natively with GlobalViewer Enterprise, providing an AV system management solution to monitor and support all collaboration spaces throughout an enterprise.

## Just Add Power 3G+4+ Tiling Transmitter

This 4K network video tiler is a flexible device that can be applied to any installation that requires multi-view functionality, providing video support for resolutions up to full 4K and HDR compatibility. Once tiled, the feed can be distributed to an unlimited number of screens, making it the ideal multi-view solution for security displays. It gives integrators the power to create up to four customizable windows with easy presets, picture-in-picture or picture-over-picture, and adjust transparency of images for multi-layered, dynamic display.

## Listen Technologies ListenTALK

ListenTALK is a pocket-sized mobile collaboration device that allows groups of two or more people to listen and talk with the push of a button. ListenTALK enables clear, secure, collaborative communications with a range of up to 100 meters. The product is ideal for noisy, crowded, and/or mobile environments where people need to communicate with others and wish to avoid having to shout or whisper. Applications include training and collaboration, presentations, guided tours, event production, and language interpretation such as worship services or international business events.

## Middle Atlantic T5 Conference Tables

T5 Series Conference Tables are designed to properly support AV technology for system reliability. Engineered with mounting flexibility, T5 includes power distribution, table boxes with connectivity, and cable management. Each T5 solution includes a table top, support pedestals, and a 3RU TechKit, which ships separately to allow integration to begin immediately. The racks also feature two Lever Lock panels with up to three panes of tool-free mounting possibilities. The pedestal conceals

both Wiremold InteGreat HDMI Cable Retractors and a Table Box, providing two HDMI connections and two AC outlets for power right at the table surface.

## NEC ThinkHub

NEC Collaboration powered by ThinkHub is a multi-touch, software-based collaboration tool that consolidates all the moving pieces of a working session: the HD screen, devices, applications, ideas, and content that are critical to achieving great work. ThinkHub works with the same devices, content, and software that businesses already use, facilitating workflow productivity. ThinkHub software is designed to help teams to ideate, visualize, and problem solve, transforming traditional meetings into proactive sessions, driving conversation. Additionally, ThinkHub supports the ability to access and annotate anything via ThinkHub