

# Top of the tech

The votes are in & the winners selected across this year's Inavation Awards Technology categories. Read on to learn more about the products chosen as winners and finalists this year.

## Accessory winner

### Gude Systems Expert Power Control 8291-1

Gude Systems wanted to eliminate the potential weak link that power supplies can be in AV systems with this useful addition to any installation. This 21-fold switched and metred AC/DC power distribution unit protects AV equipment in professional



installations. It is suited to a huge range of applications, from conference rooms to

theatres and auditoriums and can prove a huge asset for LED walls and digital signage systems. Let's face it who doesn't want less downtime, more reliability and lower electricity costs. It's also perfectly positioned for AV with easy integration with a number of manufacturers including Crestron and Extron.

## Finalists

### iRoom touchDock

touchDock turns an iPad into an in-wall touch panel with the convenience of easy motorised removal of the iPad for mobile use.

### Kramer KRT-4-USBC

This USB-C cable retractor is designed to be fixed underneath desks or meeting tables and supplies up to 1.8m of cable.

### SMS Smart Media Solutions Leddy

The Scandinavian design and wooden frame of this LED mount gives the impression of an elegant piece of furniture.

## Audio winner

### Shure MXA710

The MXA710 Linear Array Microphone is designed for high-quality audio capture in premium AV conferencing environments. Whether it's under or next to a wall-mounted display, suspended from the ceiling or flush mounted in a table, the low-profile form factor of the MXA710 subtly blends into any meeting



room aesthetic without sacrificing audio quality. Patented Steerable Coverage technology captures audio anywhere in the room, featuring four lobes with the 2-foot array, and eight lobes with 4-foot array. With onboard IntelliMix DSP, the MXA710 provides automatic mixing, AEC, noise reduction, and automatic gain control.

## Finalists

### Apex CloudPower Series

These four channel Class-D installation amplifiers, with integrated DSP, can be monitored and controlled remotely over the Apex Cloud.

### Extron NetPA Ultra

Extron NetPA Ultra amplifiers combine the advantages of its XPA Ultra amplifiers with Dante network audio distribution.

### Kramer DSP-62-AEC

A compact digital sound processor designed to provide audio, video, USB and AEC solutions to compact huddle and individual working spaces.

### BrightSign AU335

This keenly priced audio player distributes up to three zones of audio to soundbars and AV receivers that offer high-bandwidth, 24-bit sound.

### Just Add Power 2GΩ/3G ST1 Sound Transceiver

The transceiver can add a stereo audio source to Just Add Power systems, as well as extract stereo audio from an existing transmitter.

### Owl Labs Meeting Owl Pro

This device combines a 360 degree camera, mic and speaker, and uses vision and voice recognition to shift the camera focus onto the speaker.

### Crestron AMP-X300

A high performance, space saving, energy efficient, professional grade amplifier solution that's totally configurable, yet simple to use.

## Communication & Collaboration (AV product) winner

### Arthur Holm Dynamic4

The Arthur Holm Dynamic4 is a complete meeting solution composed of four retractable high-resolution screens, four cameras, two speakers, two array microphones, a CPU, USB power connectors, a USB passthrough and HDMI inputs. It allows users to connect wirelessly or using cable connections. It sits



at the centre of a table and at the push of a button, four monitors raise from the surface. The monitors can be raised and retracted inside the table, and they can also move to different shapes and rotate to find the perfect position according to the different seats around the table.

## Finalists

### Bose Videobar VB1 All-in-One USB Conferencing Device

This conferencing unit integrates with existing platforms to bring premium Bose audio and video to small- and medium-sized meeting areas.

### ClearOne BMA 360

The patented BMA 360 is a wideband, frequency invariant beamforming mic array with uniform gain response across all frequency bands.

### Clevertouch Technologies UX Pro

This all-in-one interactive touchscreen offers 4K 20-point touch in meeting rooms, auditoriums, reception areas or break-out spaces.

### Crestron Flex MX

Enabling streamlined connectivity and collaboration, this tabletop UC video conference system offers a complete VC room solution.

### Displax Tile

An ultra large touch display product based on PCAP Touch technology and offering 100 simultaneous touches per display.

### Element One Multimedia Fold 2.0

This wafer thin touchscreen glides out to meet the user and hovers a few millimetres above the desk surface.

### HuddleCamHD Pro IP

This electronic PTZ webcam is an all-in-one audio and video hardware solution for videoconferencing, livestreaming, or video production.

### Planar HB Series Huddle Board

Large format, 4K resolution, LCD touchscreens with embedded tools tailored to in-room and remote unified communication.

### Sharp Windows collaboration display

A Windows collaboration display with Skype for Business, designed to support and improve team work for remote and in-office employees.

## Communication & Collaboration (Systems product) winner

### Barco Clickshare Conference

This platform-agnostic wireless conferencing tool enables colleagues, suppliers and customers to enjoy a seamless meeting experience, no matter where or how they are working. The solution wirelessly connects from the moment you plug in the button. At which point, every AV peripheral from a remote user's laptop is transferred



to the meeting room screen in a seamless and intuitive way so that participants are able to share content and drive engagement and interactivity with the broadest range of media and functionality. Meanwhile, remote participants can access the highest quality AV feed from a multitude of in-room sources for engaging and interactive virtual meetings.

## Finalists

### Aten International VP2120 Seamless Presentation Switch

Video matrix switch, AV streaming, audio mixing and collaborative functions are integrated into one compact device.

### Ctouch Brix

A line-up of scalable collaboration solutions based on a modular business model, that uses the touchscreen as a platform.

### Kramer VIA Campus2

Collaboration products designed for K-12 and higher education, to bring digital innovation to the heart of lectures and learning.

### Kudo Marketplace

A scheduling platform with access to more than 2,000 Kudo Pro-Certified interpreters with real-time availability and instant booking.

### Logitech Swytch

Logitech Swytch 'takes over' AV equipment so users can make a call from any video conferencing application.

### Mersive Technologies Solstice

A software-based, cloud-enabled collaboration platform allows users to wirelessly share content to the room display and integrates with videoconferencing services.

### RTI VXP-82

A software-based DSP demanding minimal customer setup or additional special hardware and reduces the costs and footprint required for premium AV conferencing.

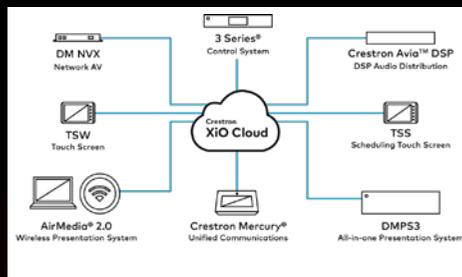
### Shure IntelliMix Room Audio Processing Software

A software-based DSP demanding minimal customer setup or additional special hardware and reduces the costs and footprint required for premium AV conferencing.

## Control winner

### Crestron XiO Cloud

The Crestron XiO Cloud service, built on the Microsoft Azure software platform and using Microsoft's Azure IoT Hub technology, facilitates daily management and monitoring of every device through a single dashboard with comprehensive reporting and logging, live status viewing and alerts, performance metrics and analytics,



scheduled actions and updates, people counting and more. As requirements grow and evolve, new features and functionality can be added easily to one or many devices at any time without the need to ever go onsite. The addition of remote desktop capability empowers technology managers to provide better and faster support via the timesaving IoT-based provisioning service.

## Finalists

### 7thSense Medialon Marquee

A software application that enables users to create dynamic GUIs for installations that use Medialon Manager and Showmaster show control solutions.

### Axis Audio Manager Edge

A major software upgrade to the embedded management system which is included as standard onboard the full range of Axis' network speakers.

### Evoko Naso

Evoko Naso simplifies the room booking experience with add-on packages offering additional coordination for workspaces.

### Extron TLP Pro 1230WTG

This touchpanel features a vibrant 12-in, 1920x720 resolution touchscreen and offers an ultra-wide format to enhance the user experience.

### Kramer KC-Brainware

Part of the Kramer Control cloud-based control and space management platform, these devices eliminate the need for physical control processors in each space.

### Utology U-Automate

This room readiness product is designed to eliminate the costly, time-consuming, and resource-intensive manual processes enterprises employ today.

## Display winner

### Samsung Micro LED 110"

This LED display expresses 100% of the DCI and Adobe RGB colour gamut, resulting in lifelike colours and accurate brightness from the 24 million individually controlled LEDs with 2,000 nit peak brightness. The Micro LED uses Micro AI Processor to deliver 4K HDR content, automatically enhancing images to the



optimum resolution for bright, vivid and realistic picture quality. The 20-bit processing also offers the most accurate grayscale expression to present a truly HDR experience. Thanks to Samsung's semiconductor micro processing expertise, cutting-edge surface mount technology and a new production process, it is now easier to manufacture, deliver, and install.

## Finalists

### Digital Projection Satellite Modular Laser System (MLS)

MLS offers simple building blocks, allowing users to address a range of applications, from single projector installs to complex, multi-channel domes.

### Infiled WP LED series

An ultra-thin, lightweight, HD LED screen that

delivers impressive visual effect, combining an elegant design, robustness, extremely easy installation

### Leyard AT Series

A fine pitch DV LED videowall system optimised for mission critical applications, where continuous, stable and reliable operations are required.

### Sharp NEC Display Solutions dvLED FE Series

This bundled solution reduces complexity and includes everything for wall-mounted installation and instant set-up.

### Unilumin Group Umini

The Umini 0.9mm pixel pitch range has a 20,000:1 contrast ratio and a 180 degree viewing angle.

## Events Technology winner

### Christie Griffyn 4K32-RGB

The Griffyn 4K32-RGB includes patented next-generation Trulife+ all-in-one electronics including standard native 4K resolution at 60Hz and upgradable to 120Hz high frame rate 3D option or to 2K at 240Hz and 480Hz Mirage option to immerse audiences in smooth, highly-detailed content. Combined with unrestricted connectivity that



eliminates the time and hassle of removable option cards, Christie Griffyn 4K32-RGB exceeds the needs of even the most demanding applications. It produces an exceptionally wide colour gamut, achieving greater than 96% of the Rec. 2020 colour space—more than twice the colour of Rec. 709-capable with laser phosphor projectors.

## Finalists

### disguise xR

xR blends virtual and physical worlds using Augmented Reality (AR) and Mixed Reality (MR) in live production environments.

### Equipson LightShark LS-Wing

This multiprotocol, fully configurable control surface can be used for audio, video or lighting requirements.

### Extron MGP 641

This multi-window processor scales and presents up to four 4K/60 source signals on a single screen and features Vector 4K scaling technology.

## Loudspeaker winner

### Genelec Smart IP

Genelec Smart IP uses a single connection for audio, power and control to deliver more audio power than previously possible and taking PoE power to new heights. With simple set up software and control from any AV system, Smart IP makes things easy for specifiers, integrators and users, supporting configuration and



monitoring of any number of devices, across any number of rooms. Genelec offers 120 colours as standard along with a raw unpainted version. Made from 80%+ recycled aluminium, Smart IP also boasts high environmental standards. It has a full API, so it works with any AV control system and brings studio quality sound into the AV market.

## Finalists

### Arthur Holm DynamicSpeaker

An elegant and space optimizing solution for desk integration that provides a patented motorised retracting, rotating and lifting mechanism.

### JBL Professional IRX Series

These powered PAs are aimed at musicians, DJs, presenters and fitness instructors wanting stunning sound without the need for an audio engineer.

### Renkus Heinz Iconyx Compact 24/3

The sound and technology of the Iconyx line in a smaller footprint to deliver a powerful, digitally steerable yet discreet array.

### d&b audiotechnik 44S

This flush mountable cabinet delivers compact, high-performance audio and a wide range of flexible mounting options.

### Nexo ID14

This addition to the ID Series of high-power compact cabinets is a tiny 5-in cubed unit capable of 116dB with a frequency response of 120Hz – 20kHz.

### Shure MicroFlex MXN5-C Networked PoE Loudspeaker

This PoE-enabled speaker with onboard amplifier provides high-quality speech reproduction for AV conferencing applications within a low-profile design.

## Signal distribution and management winner

### Extron XTP II with 8K Boards

The Extron XTP II CrossPoint series modular matrix switchers represent a monumental leap in engineering and product design, providing unmatched, high performance routing of video, audio, bidirectional control, and Ethernet in a



future-ready integrated solution. They feature a 50 Gbps ultra-performance backplane that easily exceeds the data rate required to distribute 4K/60 video with 4:4:4 chroma at 16

bits per colour. These matrix systems can be configured with a complete family of boards and endpoints, including XTP 4K twisted pair, XTP 4K fibre optic, and XTP II HDMI input and output boards that support 4K/60 @ 4:4:4, as well as uncompressed 8K video with HDR.

## Finalists

### Adder Technology AdderLink Infinity 101T (ALIF101T)

A ZeroU IP KVM extender with matrix capability that uses standard IT infrastructure to extend computers away from the user environment.

control of 32 AV input devices and displays from a single chassis.

### Crestron DM-NVX-E760

An AV-over-IP bridging technology that enables tight integration for standards-based HDBaseT solutions or expanding an existing room system.

### Kramer VW-4

With one video input and four HDMI display outputs, this videowall driver supports formations from 2x2 up to 8x8.

### AMX Enova DVX-3266-4K

This switcher supports 4K60 4:4:4 video, HDMI 2.0, HDCP 2.2, and SmartScale scaling on every output.

### Just Add Power VBS-HDIP-737POE

This transmitter/receiver lets installers get creative with videowalls with a flexible Warp Engine that enables installers to rotate any HDMI source.

### Riedel MediorNet Video Solutions

MediorNet enables highly distributed, software-defined video through routing of any type of signal from any point to any other.

### Aten International VM3250

This switch offers advanced access and real-time

## Streaming Technology winner

### Crestron DM-NVX

DM NVX is an ecosystem of endpoints and system management, each with unique functionality, that all act as one. It is a solution that simplifies design, specification, and deployment. DM NVX technology transports ultra high-definition 4K60 4:4:4 video over standard Gigabit Ethernet with no perceptible latency or loss of



quality. Using standard network switches and CAT5e UTP wiring, a DM NVX system delivers a high-performance virtual matrix routing solution for any enterprise or campus-wide 4K content distribution application. DM NVX technology ensures the ultimate in picture quality and compatibility for all of today's varied sources.

## Finalists

### AJA Video Systems Bridge Live

A 1RU solution that moves UltraHD or multi-channel HD video between uncompressed baseband SDI to/from streaming and contribution codecs.

### Extron SMP 352

A high-performance recording and streaming processor for capturing and distributing AV sources and presentations as recorded media or live streaming.

the accessibility of streaming video signals.

### Aten International UC9040 StreamLive Pro

A portable, all-in-one, multi-channel audio/video mixer device in one compact box offers professional-quality live streaming everywhere.

### Kramer WP-EN6

An advanced, elegant and compact AV over IP 2-gang wall-plate video encoder designed to increase

### MediaStar HDCP 2.2 Pro Solution

Takes legally subscribed, high value, or licensed video content and simultaneously broadcasts it in a network friendly, multicast stream.