



Streaming Media magazine's

NABSHOW™
Where Content Comes to Life™

Who to See @ NAB



AJA will be at NAB 2018 with its HELO H.264 streaming and recording device, as well as a few surprises that aim to simplify the production and delivery of high quality live streams. Visitors to the AJA booth (SL2505) can get an up close look at HELO, see the latest updates and learn how they can use it to simultaneously stream video signals directly to Content Delivery Networks (CDN), and encode and record H.264 files to either SD cards, USB storage or network based storage. Check out HELO at NAB to see how its 3G-SDI and HDMI connectivity supports a range of workflow needs, and keep an eye out for new streaming products from AJA.

Visit AJA at Booth #SL2505

aja.com

NAB booth #SL2505



axle ai makes it radically simple to tag, search and manage your video. With tools like auto-transcription, face and object recognition, and a Premiere panel, your content becomes searchable without hours of labor. At NAB we're launching a small, affordable appliance that catalogs any storage you already have, and goes to work immediately without having to dedicate a Mac. We support millions of media files, and you can now access our back end on the appliance, on a Mac or a Linux VM from any browser or mobile device. axle ai software starts at \$1,995; the appliance starts at \$3,995.

axlevideo.com

NAB booth #SL15116



Blackmagic Design will exhibit its latest products, including URSA Broadcast, which works with existing B4 broadcast HD lenses and features a 4K sensor, extended video dynamic range, built-in optical ND filters, and dual CFast and dual SD card recorders. Blackmagic Design will also showcase ATEM 4 M/E Broadcast Studio 4K high frame rate Ultra HD 2160p60 switcher, ATEM 1 M/E Advanced Panel that works with all ATEM switchers, and Blackmagic Camera Fiber Converter and Blackmagic Studio Fiber Converter, which convert television industry connections for video, audio, power, talkback, and tally into a single SMPTE hybrid electrical and fiber optic cable.

blackmagicdesign.com

NAB booth #SL216



CAMSTREAMER

We develop unique apps for streaming video directly from IP cameras.

The CamOverlay and CamStreamer apps run onboard AXIS IP cameras and optimize and automate video streaming workflow in a cost-effective manner. By leveraging the processing power of the camera, our apps add dynamic overlay graphics into the video stream and stream video via RTMP/HLS/SRT protocols onto streaming platforms like **YouTube, Facebook Live, Vimeo, Dacast, Wowza, Ustream** etc.

The apps are **perfect for 24/7 cameras** (eg. tourist, wildlife or traffic cameras). They are also popular for **streaming events without a cameraman** – sports, lectures, church services etc.

To schedule a meeting at NAB, please contact sales@camstreamer.com.

camstreamer.com

NAB booth #N2632SUL-B



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Dejero

Dejero will showcase blended connectivity solutions offering enhanced reliability for live feeds over IP networks. Live demonstrations of CellSat will show how bandwidth in remote locations is boosted automatically by blending in Ku-band IP satellite if cellular connectivity diminishes. New encoding/decoding equipment will debut with HEVC video compression technology, including EnGo-HEVC, to support live and file-based broadcast and media workflows. Plus, the in-vehicle mobile connectivity solution, GateWay, will be presented; it blends cellular connections from multiple providers creating a high-bandwidth virtual network so field crews can collaborate with their colleagues back at base and access media assets and cloud-based systems.

dejero.com

NAB booth #C2025

DELL EMC

The delivery of content is changing, are you changing with it? At Dell EMC our storage, server and network technologies are designed to simplify your live and on-demand workflows of today and lead the way in new streaming opportunities such as Cloud DVR and OTT. From private to public clouds, Dell EMC gives you the power to gain a competitive edge in building a solution that will get you closer to your customer with the flexibility to adapt. Visit Dell EMC at NAB Booth SL9111 to learn how you can build simple and efficient end-to-end workflows to futureproof your business.

dell EMC.com

NAB booth #SL9111

epiphan video

We will be showcasing our suite of reliable, versatile, and easy-to-use live event production solutions, including our highly anticipated new live production system - Pearl Mini. Additional products available for demo will include the Epiphan Pearl-2 all-in-one 4K live production system, our social media live streaming encoder Webcaster X2, and cloud-based video production service AV Studio.

NAB Show will be the North American premiere of Pearl Mini. Come and see for yourself why this device is expected to become the new industry standard for live events, lecture capture, and enterprise video encoding.

Visit us at booth C11143. Contact info@epiphan.com to arrange for a private meeting.

epiphan.com

NAB booth #C11143



EZDRM is a leading provider of Hosted Digital Rights Management (DRM) with close to 2 decades of experience, offering a complete, studio-approved multi-DRM solution. Dynamic, on-demand DRM business rules allow content owners to expand their viewership and create new revenue streams from their digital assets. Along with our vast network of partners, we make it easy for our customers to deliver an efficient, cost-effective and superior method of content access and control. Contact us at simplify@ezdrm.com or 888-636-9723 to schedule a one-on-one meeting to discuss, how EZDRM will seamlessly tie into your current design, while providing you full control over your assets.

ezdrm.com

NAB booth #SU11024MR



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Fuugo is a global orchestration company with unique experience and product portfolio in broadcast and over-the-top technologies. We provide media companies with an end-to-end OTT solution that controls, configures, manages and analyzes the whole OTT service chain.

Our flagship product, Fuugo Symphony, is an integrated dashboard that consists of seven solution modules: Fuugo Ingest (signal acquisition, transcode & transmux, storage), Fuugo Content (media management, advertising), Fuugo Audience (product, subscriber & revenue management), Fuugo Shield (Security, DRM, watermarking/fingerprinting), Fuugo Deliver (Content delivery), Fuugo Xperience (Web & Mobile OTT applications), Fuugo Insights (Data analytics and reporting).

fuugo.com

NAB booth #SU9705CM

Haivision

Join Haivision at NAB 2018 to see live video streaming workflows with H.264, H.265 and HD/4K encoding, decoding and transcoding network solutions.

Haivision solutions are powered by Secure Reliable Transport, the open-source standard for delivering high-quality, low-latency video with minimal bandwidth. Haivision is a pioneer in high performance streaming solutions, the founder of the SRT Open Source project for low latency video streaming and the original developer of the SRT protocol.

Haivision serves the broadcast, enterprise, defense and house of worship markets with video streaming and media management solutions.

Haivision is exhibiting at the Renaissance Hotel (Ren Deluxe - F) just outside the South Lower Hall, 2nd Floor.

<https://events.haivision.com/nab>

Renaissance Hotel (Ren Deluxe - F)



Harmonic will showcase its market-leading innovations in OTT and broadcast video delivery. As broadcasters and service providers strive to deliver better-quality video and drive new revenue streams, agility and flexibility are critical. Harmonic's software-centric solutions in UHD, ATSC 3.0, IP video and content-aware encoding technologies set the benchmark for the future of OTT and broadcast delivery. These solutions are offered as SaaS or appliances to streamline video delivery and provide exceptional quality of experience on every screen at a low total-cost-of-ownership. Highlighted solutions include the award-winning **VOS™** media processing family, **EyeQ™** content-aware encoding, and the marketing-leading **Electra X2** media processor.

www.harmonicinc.com

NAB booth #SU810



Hiscala creates highly scalable software products for video preparation, conversion and distribution.

At the center of the Hiscala portfolio is the video transcoding platform **FLICS**, which can process hundreds of live programs or files optimized for the highest bandwidth with minimal hardware use.

The powerful workflow orchestration platform **JOBS** integrates into existing environments to control third-party systems from other manufacturers. With flexible and open architecture, **JOBS** is the ideal solution for complex workflow management.

Our solutions enable flexible business models with cloud-based, local or hybrid technology as managed services. See us at the NAB in booth SU13713!

hiscala.com

NAB booth #SU13713



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At NAB 2018, Interra Systems will be showcasing its cutting-edge content readiness solutions for hybrid QC, media analysis, and end-to-end monitoring for streaming/linear workflows, for higher QoE and monetization. Featuring AI and machine learning enabled algorithms, along with a flexible, software-defined architecture, Interra Systems' solutions support a variety of deployment scenarios, including the cloud, for higher performance, scalability, and efficiency. The company's industry-leading solutions include BATON®, a next-generation hybrid QC solution, way beyond automated QC; ORION™ and ORION™-OTT real-time content monitors assuring high QoE; and VEGA™ media analyzers for compliance and debug of encoded streams.

www.interrasystems.com/NAB-2018

NAB booth #SU7605



The Lightcast Media Cloud is an intuitive Media Management System for multi-platform publishing & a Multi-CDN provider, delivering bitrate adaptive live-streams, on-demand media and linear 24/7 streams at transparent and budget-minded rates for publication on websites, social networks, mobile apps, OTT/ConnectedTV and set-top boxes.

The Lightcast Media Cloud encompasses cloud-based transcoding, DRM, API, viewership analytics and content management features, providing monetization tools and viewer-response systems to maximize growth.

The Lightcast.com App Dev Division offers custom TV App Development for Roku, AppleTV, FireTV, AndroidTV, SmartTV, and other OTT platforms, and can be integrated seamlessly with the Lightcast Media Cloud for faster time-to-market, cost-savings and real-time content management across all platforms.

www.lightcast.com

NAB booth #SU7221AD



Limelight will be previewing its new WebRTC-based sub-second latency live streaming solution. Video can be streamed from anywhere in the world, to anywhere in the world, with less than one second of latency – all with the high quality and scalability our customers have come to expect. In addition, we'll be highlighting our new Multi-DRM On the Fly solution that simplifies the encryption and delivery of content in all popular DRM formats while significantly reducing the costs of managing and storing the encrypted content. Limelight is committed to helping our customers deliver the largest live and video on-demand events at broadcast quality to virtually any device, anywhere.

limelight.com

NAB booth #SU11621



Visit us in booth SU6324 at the NAB Show to discover how our feature-rich video interface devices help end-users, systems integrators and OEMs reliably and cost-effectively incorporate professional video and audio signals into today's software-based media workflows.

Highlighted products will include the latest 4K models in our Pro Capture family of PCIe cards; our Reader's Choice Award-winning USB Capture Plus devices; the Eco Capture line of ultra-compact, power-efficient M.2 cards; and the Flex I/O family of multi-channel input-output cards. We'll also unveil a major new product line that expands our scope beyond our well-known strengths in video capture and playback.

magewell.us

NAB booth #SU6324



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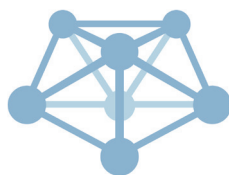
Who to See @ NAB

matrox®

Making its North American debut at NAB is the Monarch LCS Radar web application for centralized monitoring of multiple Monarch LCS units and will be featured alongside the Monarch portfolio of H.264 encoders for streaming and recording. Also being unveiled is the world's first SMPTE ST 2110 network card with multi-channel 4K I/O over 25 GbE for OEMs, while the M264 S3 multi-channel 4:2:2 10-bit H.264 codec card will be showcased for 4Kp60 encoding. The Maeve 6150 quad 4K encoder for enterprise streaming and recording and the Extio 3 IP KVM for extension and switching will also be on display.

www.matrox.com/video

NAB booth #SL4524



MistServer

MistServer is the streaming media toolkit for IP-based delivery that gets things done. It helps bring our core values of simple, smart and stable to any media-related project, keeping you relevant in the ever-changing landscape of media delivery while reducing your time to market.

This NAB MistServer is partnering up with Intinor, showing a complete solution for broadcast over IP no matter the environment through Bifrost Reliable Transport (BRT). BRT uniquely combines reliable transport and bonding technologies. By adding and combining multiple interfaces - be it LAN, WiFi or cellular - you will be adding redundancy and robustness to your connections.

<https://mistserver.org/NAB2018>

NAB booth #SU13808CM

medialooks

At NAB Show 2018 Medialooks will showcase its point-to-point low-latency video transport service, which is a proven alternative to more expensive transport solutions available today. Medialooks' technology works over the public Internet, provides sub-second latency, end-to-end encryption and supports video quality up to 50 Mbps per stream. It needs no network configuration and can be easily deployed at remote locations by a single technician. Medialooks will present the solution at NewTek's NDI® Central Pavilion, booth SL5516.

medialooks.com

NAB booth #SL5516

NAGRA KUDELSKI

NAGRA, a Kudelski Group company, is the world's leading independent provider of content protection and multiscreen television solutions designed to connect people to the content they love.

NAGRA's NAB showcase will highlight a broad range of solutions and latest products from Conax, NexGuard and DVnor:

- Multi-DRM OTT with Conax GOLive
- Unified Security Management with Conax Contego
- End-to-End and Secure Android TV-based Viewing Experiences
- NAGRA Anti-Piracy Services for live sports and entertainment content
- Watermarking by NexGuard for any OTT system and any workflow
- Media asset management by DVnor

dtv.nagra.com

NAB booth #SU3424



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nanocosmos showcases nanoStream Cloud:

worldwide interactive live streaming with ultra-low latency for your business. The Berlin-based software and services company shows nanoStream Cloud including the unique nanoStream H5Live Player for ultra-low latency audio-video playback on all HTML5 browsers and any device.

Go live around the world in 1 second!

Contact us to book a meeting: sales@nanocosmos.de

www.nanocosmos.de



12G and HDMI 2.0 Capture Cards

Osprey Video will introduce the Raptor I/O family, the newest generation of Osprey's PCIe cards. Raptor will provide a wide array of solutions ranging from 3G-SDI to 12G-SDI cards that have one to eight inputs and HDMI 1.4 and 2.0 cards in single- and multi-input configurations. This allows the user to ingest video from SD to 4K UHD / DCI

Hardware Encoders

The encoders continue to evolve with the addition of new models, new features, and new and tighter integrations with some of the industry's leading streaming platforms.

Video Workflow Essentials

Osprey Video will introduce two new products to our workflow essential lineup. A 16 Channel 3G-SDI MultiViewer and Switcher as well as an 8x8 3G-SDI Matrix Switcher.

www.ospreyvideo.com

NAB booth #SU8107



Addressing a new generation of content with a new delivery architecture, Qwilt's Edge Cloud Platform targets the dramatic growth of streaming media on service provider networks.

Our low-latency content delivery solution, built for web-scale and deployed deep in last mile networks, supports live and on-demand streaming of managed, partner and third party content to massive audiences. Open and cloud-managed, Qwilt's distributed edge cloud delivers with exceptional quality.

Meet with us at NAB to learn why a growing number of the world's leading cable, telecom and mobile service providers rely on Qwilt to optimize their networks. **Schedule a meeting now: hello@qwilt.com**

qwilt.com



The migration towards virtualization, NFV and cloud-based architectures means monitoring is no longer optional for video services. The tradition of sending an engineer to fault-find on proprietary hardware does not work in a cloud environment or virtualized data center architecture. Telestream will be showing a range of live streaming and monitoring solutions including its iQ virtual and cloud-based probes & management systems for live and on-demand video services. These next generation solutions enable service providers to migrate their video services to virtualized and cloud architectures while retaining the critical operations visibility needed for video service delivery.

www.telestream.net

NAB booth #SL3316



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Cutting edge IP innovations

Teracue manufactures professional IPTV, IP-video and streaming solutions. The main products are for encoding, decoding and managing video streams - for IP-video based contribution and distribution. Our products are deployed by major broadcasters, CDN's and in government, military and healthcare projects around the world.

Our cutting edge IP innovations include:

- H.264 and HEVC Streaming Encoders/Decoders
- DVB-T, Cable and Satellite to IP Gateways
- Stream Recording / Management
- Stream Routing / Contribution
- Transcoding and Adaptive Streaming
- IP Video Wall Management and Processing

teracue.com

NAB booth #C10839



Teradek, an industry leader in video streaming technologies, will showcase its new line of IP video solutions designed for enterprise broadcasters to enhance workflow efficiency and meet strict QoS requirements. Join us at the Teradek/Vitec booths (C6025 & C9544) to explore the suite of innovative solutions Teradek will be unveiling, as well as major improvements to existing systems.

The showcase will include:

- **HEVC/H.265 end-to-end transport solutions.**
- **Cellular bonding WiFi router for high-performance video streaming and web browsing.**
- **New integrated live stream solutions.**
- **Cloud-based stream management, transcoding and distribution.**
- **Much more.**

teradek.com

NAB booths C6025 & C9544



THEOplayer is the most complete and innovative cross-platform video player. Awarded Best Video Player Solution/SDK in 2017, our single HLS/MPEG-DASH video player works seamlessly across any platform and device, delivering the highest viewer experience. With our new iOS and Android SDK 2.0, THEOplayer simplifies video delivery to mobile devices, ensuring performance and stability on every device to our worldwide customer base. THEOplayer is the top class product of THEO Technologies: visit us at NAB and experience THEOplayer in action. Book a meeting on events@theoplayer.com or drop by at booth SU9307CM.

theoplayer.com

NAB booth #SU9307CM



Meet StreamE2E, Touchstream's End-to-End service for the OTT live stream monitoring market.

With rapid adoption of OTT live streaming cloud workflows new approaches are required. Legacy workflows dependent on hardware-based probes are no longer appropriate in the world of cloud. Touchstream enables providers to take advantage of the cloud but retain deep operational insights giving them the means to provide exceptional streaming experiences. StreamE2E presents a complete end-to-end picture of live stream workflow and delivery.

<https://touchstream.media>

NAB booth #SU9703CM