



ALLIANCE FOR
OPEN MEDIA



AOMedia Decoder

Q2 2023 Issue

Greetings!

The Alliance for Open Media made excellent progress in Q2 thanks to our member-driven activities, including presenting about AV1 and AVIF at industry events, hosting workshops to foster collaboration between AOMedia member companies and the global academic community, and making great technical strides in the video codec itself. Thank you to all our members for their efforts toward producing an even better AV1 and AVIF.

Members Detail the Latest on AV1 Commercial Readiness at NAB Streaming Summit 2023

On April 17, AOMedia members Intel, Meta, Netflix and NETINT Technologies **presented at the 2023 NAB Streaming Summit** in Las Vegas. During the event, a panel shed light on AV1's capabilities and its significant coding efficiency advantages compared to alternative solutions within the broader media ecosystem.



Anne Aaron, Director of Encoding Technologies at Netflix and AOMedia's Vice-Chair of Communications and Membership, expressed enthusiasm for being part of this dynamic space: "It's an exciting space to be in because, at the end of the day, we entertain people, we inform people, and we reach people and connect with people."

The panelists highlighted their experiences and insights gained from AV1's initial launch through widespread adoption, outlining how these findings inform their future endeavors within the Alliance. This collective effort aims to further advance and refine AV1, ensuring continuous innovation and delivering cutting-edge solutions to meet the evolving needs of the industry. [Watch the entire session here.](#)

AOM Research Workshop in Europe

On June 19, AOMedia hosted its [AOM](#)

Research Workshop in collaboration with the sold-out 15th **International Conference on Quality of Multimedia Experience (QoMEX)** in Ghent, Belgium. The event provided a platform for Alliance member companies and esteemed academics to present and discuss cutting-edge research in media codecs and processing, as well as explore the industry applications of these technologies.



Attendees were treated to captivating presentations on various groundbreaking topics. These included revolutionary video compression research, in-depth analysis of software decoders, and advancements in film grain synthesis, among others. The workshop offered a unique opportunity for participants to gain valuable insights from Alliance member representatives from Amazon, Ateame, Google, Meta, Netflix, Visionular, their academic collaborators from University of Erlangen-Nuremberg, Technical University of Aachen, Trinity College Dublin, and other renowned experts from the quality of multimedia experience domain. The event fostered the exchange of innovative ideas and facilitated discussions on emerging trends in the field.



Welcoming Our Newest Member: Zoom

Zoom has **joined the Alliance** at the Promoter level. Zoom's experience and expertise in video communications will be valuable to AOMedia's ongoing efforts to extend the capabilities of its AV1 video codec.



"We're excited to welcome Zoom to AOMedia, reflecting our joint commitment to leverage AV1 to improve streaming media in new and cutting-edge ways," said Matt Frost, AOMedia Chair. "We look forward to working together with Zoom to increase the openness and interoperability of internet video."

[Learn More About Zoom's New Membership Here](#)

If you have any questions or comments, please contact us at AOMofficers@virtualinc.com.

Regards,
Alliance for Open Media Board Officers

Job Opening: Executive Director

AOMedia is seeking an exceptional individual to fill the position of Executive Director. The Executive Director will play a pivotal role in guiding the organization's strategic goals and objectives, establishing industry relationships, and promoting AOMedia's mission. The successful applicant will possess proven leadership skills, a deep understanding of the digital media landscape, and the ability to effectively communicate with diverse audiences.

The role is part-time and remote, with occasional travel for Board of Director meetings and conferences. [View the full job description here](#) and apply **before July 20, 2023**.

AOMedia and AV1 in the News

Check out the latest news and updates:

- TVBEurope shared the news that [AOMedia VVM Working Group has begun work on compression tools for high-quality 3D graphics](#) used in filmmaking, animation, AR and VR
- Bitmovin recently published a [2023 update to its State of AV1 Playback Support blog](#), as well as an [AV1 hub](#) with benchmarking vs. other codecs and a cost calculator that shows the potential CDN savings when using AV1.
- VideoLAN released dav1d [1.2.0](#) and [1.2.1](#), the open source AV1 decoders, with several optimizations, including those for AVIF decoding.
- State-of-the-art video codec, AV1, has [Improved video calling](#) for Google Meet users by 45% compared to other codecs.
- [AMD has built a breakthrough AV1 encoder chip for streaming services](#), thanks to AV1's industry-leading capabilities.
- AV1 streaming is coming to YouTube with the [OBS Studio 29.1](#) launch from NVIDIA, providing 40% more efficient encoding on average than H.264 and delivering higher quality than competing GPUs.
- According to PC World, [AV1 will save America's video quality](#).
- Bitmovin details all the latest information on [AV1 playback support](#), as well as incredible bandwidth savings companies like Netflix are seeing with AV1.
- Intel has added [AV1 encode features](#) to its oneAPI Video Processing Library, signaling the importance of AV1 in creating accelerator-based applications.
- The [world's first AV1 live-streaming CDN](#) was recently launched, implementing NETINT's ASIC-based Quadra with H.264, HEVC, and AV1 output.
- AMD has released its [AMD Radeon RX 7600 graphics card](#) with AV1 technology, allowing for streaming in high fidelity.
- At the NAB Show Streaming Summit, [AOM Members detailed the latest on AV1 commercial readiness](#).
- [Meta's recent AV1 tech blog](#) highlights how the company brought AV1 to Reels.
- The AOMedia Software Implementation Working Group (SIWG) released SVT-AV1 versions [1.5.0](#) and [1.6.0](#), introducing improvements to the video codec.

AV1 Resources

The following are AOMedia member AV1 dedicated resource pages.

- **AOMedia Summit:** <https://aom-summit.livevideostack.com/>
- **SVT-AV1:** <https://gitlab.com/AOMediaCodec/SVT-AV1>
- **Mozilla:** <https://research.mozilla.org/av1-media-codecs/>
- **Visionular:** <https://www.visionular.com/#portfolio>
- **Vimeo Staff Picks** channel will be delivered using the AV1 codec on supported platforms.

Share your AV1 Successes

