

Anevia Partners with NVIDIA to Achieve Highly Cost-Efficient 4K UHD HDR Encoding

Anevia, a leading provider of OTT and IPTV software solutions, today announced a major step forward in the affordability of 4K ultra-high-definition high-dynamic-range processing. Anevia's Genova video compression encoders are now optimised to work with NVIDIA® T4 GPUs, enabling OTT service providers to deliver programmes in higher video quality without a commensurate increase in costs.

"This new development secures Genova as one of the most powerful ranges of video encoders in the OTT business – not just for SD and HD channels, but for the rapidly expanding world of UHD HDR," says Jerome Blanc, EVP of Compression Products at Anevia. "We have been working with NVIDIA to integrate its latest-generation T4, which is one of the most recent graphics processing units on the market. 4K needs huge computing resources, which T4 acceleration now makes more affordable."

"The improvements we have achieved compared to the NVIDIA P4 card are nothing short of astounding, with video quality gains of over 30 per cent, and still enabling nine multi-rate 4K UHD HDR channels to be delivered from a single server. This level of performance brings 4K UHD HDR well within the compass of internet-based content delivery networking."

"Television display standards have advanced dramatically since the days of 525-line and 625-line standard definition," adds Anevia CEO Laurent Lafarge. "Each evolutionary stage represents a major challenge for terrestrial, satellite and OTT network operators alike. Our role is to turn these challenges into opportunities so that our customers can deliver the increased video quality their viewers appreciate as they invest in ever higher-quality display devices. This latest progression in the performance of the Genova encoders reflects very well on the skill and experience of both our technical development team, and solutions partners such as NVIDIA."

"The NVIDIA T4 GPU, which is ideal for UHD signal processing, has achieved great results with Anevia's Genova encoders," says Serge Palaric, vice president of alliances, OEMs and embedded at NVIDIA. "The T4's breakthrough video capabilities are enabling new AI-based experiences, products and services."

Anevia's Genova range of Linux-based high-definition video encoders can be deployed across both private and public IP networks. Supporting a range of encoding modes, they allow operators to choose whether to prioritise quality or speed.

Based on the NVIDIA Turing™ architecture and packaged in an energy-efficient 70-watt, small PCIe form factor, the NVIDIA T4 GPU accelerates diverse cloud workloads, including high performance computing, deep learning training and inference, machine learning, data science and analytics, and virtual graphics.

About ANEVIA

Anevia is a leading OTT and IPTV software provider of innovative multiscreen solutions for the delivery of live TV, streaming video, time-shifted TV and video on demand services. The company offers a comprehensive portfolio of video compression, multiscreen IPTV head-ends, Cloud DVR and CDN

solutions to enable viewers to enjoy a next-generation TV experience – anywhere, anytime and on any screen – including 4K UHD content. The solutions have been widely adopted by globally renowned telecom and pay-TV operators, TV broadcasters and video service providers in hospitality, healthcare and corporate businesses.

Founded in 2003, Anevia has a track record of being first to market with advanced video technologies. The company is a member of and active contributor to several TV, media and hospitality industry associations. Headquartered in France, with regional offices in the USA, Dubai and Singapore, Anevia is listed on the Paris Euronext Growth market.

For more information please visit www.anevia.com.

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