



iSIZE

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BitSave

Producing Higher Quality Video at Lower Bitrate

iSIZE's innovative BitSave technology is an AI-based perceptual preprocessing solution that allows conventional, third-party encoders to produce higher quality video at lower bitrate. Unlike traditional video processing methods, BitSave offers a cost-effective solution that can sustainably supply a seamless customer experience and enable companies to quickly adopt more efficient codecs. Utilizing deep learning technology, BitSave preprocesses video content to lower the necessary video bitrate transmission by identifying the most important visual details and removing less important visual artifacts. Ultimately, with a lower bitrate, companies can maintain high-quality video while decreasing file size, lowering storage usage, optimizing transmission latency and distribution costs, and reducing energy consumption associated to damaging carbon emissions. BitSave doesn't collect personal or privacy data outside of an NDA agreement.

Key Features



Efficient Delivery



Codec Independent



Seamless Integration



Sustainable Streaming

Vertical:

- Education
- Government
- Communications and Virtual Interaction
- Media and Gaming

Use Case:

- Situational Monitoring
- Environmental Monitoring
- Interactive Media
- Social Media
- Cloud Gaming and Live
- Game Streaming
- VoD and Live Streaming
- AR/VR/Metaverse

Country/Geo: Global



Our work with iSIZE focused on using deep neural solutions to improve pre and post processing of video at scale to deliver enhanced viewing experience to our end users, while providing significant operational efficiencies."

Video Engineering Lead – Media & Entertainment

Intel Products and Technologies

- [Intel® Xeon® Platinum Processor Product Page](#)
- [Intel® Distribution of OpenVINO™ Toolkit Product Page](#)

Learn more:

- [iSIZE Solutions Website](#)
- [iSIZE Intel® Network Builders Page](#)
- [iSIZE BitSave Whitepaper](#)