



Optimization Done Right Maximize Video Quality per Delivery Dollar

The optimization imperative

As video services scale to stream more hours of content to more subscribers, optimization becomes critical. Providers that deliver high-quality video at the lowest possible cost gain important advantages—and the best way to do so is to maximize the value of each and every bit that’s streamed.

The **SSIMPLUS Video Quality Dial** is the first viewer-centric solution that gives video providers the ultimate control needed to truly optimize workflows and deliver a quality Viewer Experience at the absolute minimum cost.

It’s also the only solution powered by the **SSIMPLUS** algorithm—recognized for video encoding optimization with a **2020 Emmy® Award**—which is why **Video Quality Dial** outperforms anything you’ve seen before.

Saving money has never been so easy

To use **Video Quality Dial**, you simply set the target Viewer Experience Score. The solution automatically drives your existing content processing and compression engine to consistently meet this quality target using only the minimum amount of resources.

The result? Millions of dollars in savings each year—typically 30-60% above what your content-aware encoding is already delivering—plus higher subscriber satisfaction and retention.

Why SSIMPLUS Video Quality Dial?

Here’s why some of the world’s largest video providers already rely on **SSIMPLUS Video Quality Dial**.

Remarkable Results

- By reducing the size of the top profile it will get used more often and more subscribers will get a better experience
- Streaming services enjoy up to 30-60% delivery cost savings on top of content-aware encoding already in place—equating to millions of dollars saved per year
- Subscribers enjoy consistently higher-quality viewer experiences—improving satisfaction and retention

Straightforward to Deploy

- **Video Quality Dial** is installed as a smart layer within your existing encoder workflow, without any disruption to your infrastructure or tech stack
- Plus, it’s encoder-agnostic—and even works with older codecs!

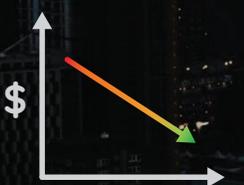
Easy to Use

- Simply set a target Viewer Experience Score and **Video Quality Dial** automatically does the rest

Huge benefits for video providers and subscribers

Because the **Video Quality Dial** makes the most of every single bit used, it saves money for providers while also benefitting subscribers—even for viewers on congested access networks or with lower bandwidth plans.

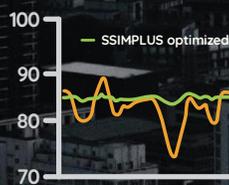
30-60% decrease
in delivery costs



10-15% higher
initial and average quality



More consistent
viewer experiences



50-65% fewer
rebuffering events



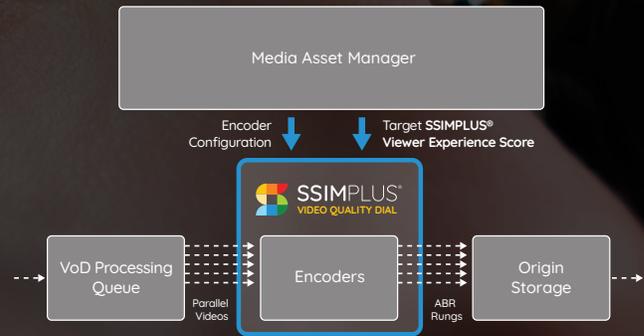
10% reduction
in playback delay



Enjoy amazing savings without disrupting your operations

The **SSIMPLUS Video Quality Dial** is straightforward to implement, easily integrating into your existing workflow.

1. Choose the **SSIMPLUS Viewer Experience Score** you want to deliver consistently to your subscribers—you can choose one target for your whole library or different targets for different assets (even per asset!)
2. **Video Quality Dial** calls your current encoder the way you do so today—no need for any extra settings, encoder tests or additional resources from your side



Powered by the world's most accurate perceptual video quality metric

The secret behind the unique power of **Video Quality Dial** is the **SSIMPLUS** algorithm. This knowledge-based technology replicates the human viewer experience more accurately than any pseudo-QoE measurement or metric—it's the only algorithm that exceeds 90% correlation with Mean Opinion Scores (MOS) across all video content—and it's more robust than deep learning-based AI models.

In fact, the **SSIMPLUS** metric is so uniquely powerful that it was awarded a **2020 Technology and Engineering Emmy® Award** for its excellence in video encoding optimization.

Plus, the score is a linear 0-to-100 scale that everyone intuitively understands, eliminating confusion.

Importantly, unlike VMAF, PSNR and other metrics that are frustratingly inconsistent and unreliable, **SSIMPLUS** delivers a trustworthy **Viewer Experience Score** regardless of content complexity, frame rate, resolution, codec, dynamic range, device, or the specific impairments that are present.

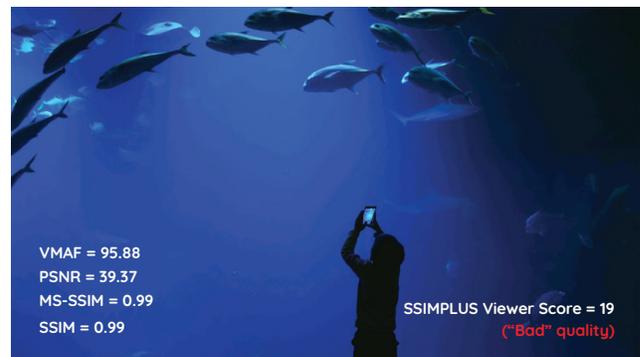


>90%
MACHINE TO HUMAN
CORRELATION

Dolby Vision
SSIMWAVE IS DOLBY VISION CERTIFIED

Example: Banding Detection

While traditional metrics provide a confusing range of quality scores and often assign high scores to low-quality content, **SSIMPLUS** recognizes impairments—like banding—that contribute to a bad Viewer Experience.



Whether you want to crank up the quality without incurring additional delivery fees, or your goal is to create massive savings without sacrificing the Viewer Experience, **SSIMPLUS Video Quality Dial** is the solution you need.

Request your free trial today

SSIMWAVE