



Telestream Cloud

High quality video encoding service in the cloud

[Telestream Cloud](#) is a high quality, video encoding software-as-a-service (SaaS) in the cloud, offering fast and powerful encoding for your workflow. Telestream Cloud pricing is structured as pay-as-you-go monthly subscriptions for quick scaling as your workflow changes with no upfront expenses.

Who uses Telestream Cloud?

Telestream Cloud's elegantly simple user interface scales quickly and seamlessly for media professionals who utilize video transcoding heavily in their business like:

- Advertising agencies
- On-line broadcasters
- Gaming
- Entertainment
- OTT service provider for media streaming
- Boutique post production studios

For content creators and video producers, Telestream Cloud encoding cloud service is pay-as-you-go, and allows you to collocate video files with your other cloud services across multiple cloud storage options. The service provides high quality output in most formats to meet the needs of:

- Small businesses
- Houses of worship
- Digital marketing
- Education
- Nonprofits

Telestream Cloud provides unlimited scalability to address peak demand times and encoding requirements for large files for video pros who work in:

- Broadcast networks
- Broadcast news or sports
- Cable service providers
- Large post-production houses

Telestream Cloud is a complementary service to the Vantage platform. During peak demand times, Cloud service can offset the workload. The service also allows easy collaboration of projects across multiple sites or remote locations.

Why choose Telestream Cloud?

The best video encoding quality for all formats & codecs: An extensive set of encoding profiles built-in for all major formats to ensure the output is optimized for the highest quality. H.264, H.265, WEBM, MPEG-TS, XDCAM – we've got it covered. Telestream Cloud is the only transcoding service with Apple authorized ProRes video output for high quality, high performance video editing in Final Cut Pro X.

Easy yet powerful API with 99.99% SLA (Service Level Agreement): Automate your workflows & integrate your

application with Telestream Cloud through our REST API. We support all major programming languages and there's extensive documentation to get started easily.

Multiple storage options: Pick the cloud space where we should send your encoded files. You can choose between Amazon S3, Google Cloud Storage, RackSpace or FTP servers. Or we can provide Google based storage option with 20GB of space and data transfer included. For transfer/space above the limit we'll charge you standard Google fees.

Cloud-driven scalability: From a startup to the enterprise, Telestream Cloud grows with you offering instant and seamless scalability with your media transcoding workload changes.

Deliver in HD quality: Encode your videos to work in any browser, with any player, on any device. From the smartphone to the big screen, your video will always look gorgeous in 1080p HD quality.

Higher Resolution Output with Ultra HD 4K: VP9 and H.265 (HEVC) codecs provide greater compression to deliver Ultra HD 4K video. Double the data compression ratio at the same level of video quality, or substantially improve the video quality at the same bit rate.

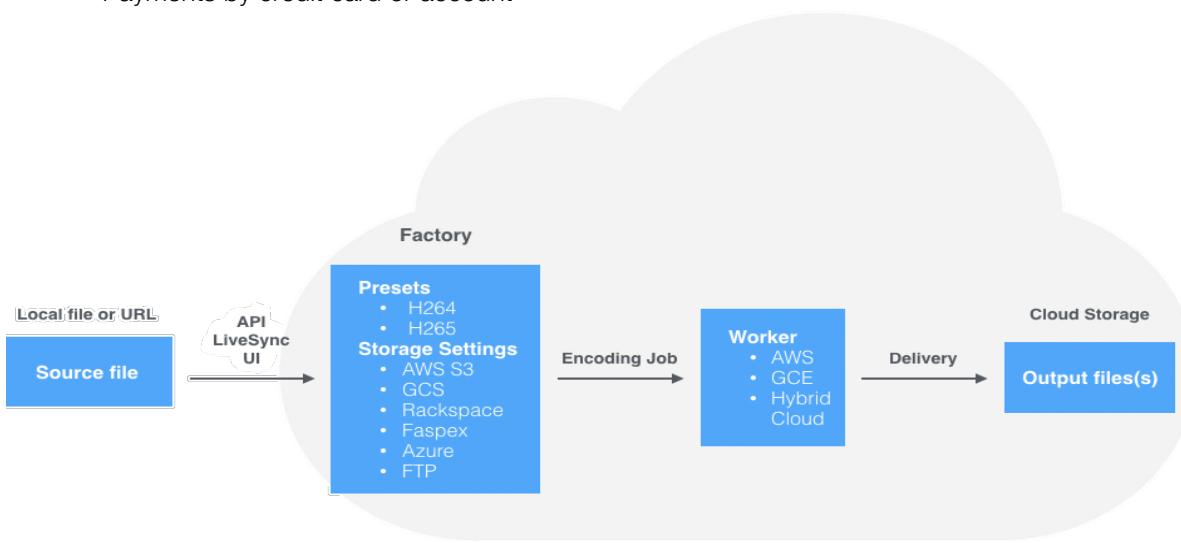
Adaptive Bitrate HLS: Telestream Cloud supports Apple HLS, primary adaptive bitrate streaming protocol that dynamically adjusts the bitrate to match the connecting device. It's also supported by majority of Android devices.

MPEG-DASH: MPEG-Dash is a fresh but quickly emerging adaptive bitrate solution offering extra benefits – Common AES-126 Encryption for added security, Multiple DRM support, live and time-shift at playback. Embrace it now with Telestream Cloud.

Encoding regions in USA or Europe: Reduce transfer times and choose whether you want your video to be encoded in the USA or in Europe.

How does Telestream Cloud work?

- User signs up for an account, selects subscription
- Creates Factory to define output presets and storage location
- Submits source file through API, LiveSync folder (S3) or UI
- Encoding job is created
- Output files are delivered to defined storage location
- Payments by credit card or account



[What's new in Telestream Cloud?](#)

H.264 GPU Accelerated Encoding

Now, there's now a faster way to encode your video files. Apart from the standard software encoders available in Telestream Cloud, you can also use GPU based hardware encoding. Currently available for the H.264 video format.

Using GPU instances for encoding is particularly beneficial when high parallel processing capability is required. Leveraging the NVIDIA Encoder (NVENC) to access the high performance H.264 hardware video encoders Telestream Cloud can shorten encoding times up to 10 times.

Converting an example file - 750MB (30 minutes) .MOV at 720p with 3000Kbps bitrate to MP4 at 720p and 1000Kbps was over 7 times faster on GPU. Encoding times may vary by file type, size or bitrate.

You can take advantage of GPU encoding power with new H.264 GPU preset that is available through the Telestream Cloud user interface and API just like any other preset. GPU instances are available in US and EU regions for users on metered subscriptions.

5X Faster Uploads with Multi-Chunk Parallel Uploader

Telestream Cloud improves upload speed with a new parallel multi-chunk uploader. The updated uploader utilizes available network bandwidth much more efficiently by sending multiple chunks at the same time.

The source file is divided into equal-length chunks, based on the file size. The uploader sends a number of chunks at the same time until all of them are uploaded and file is tested for integrity. If any chunks are missing (due to connection problems) they are re-sent and the upload is finished. The new uploader is not only up to 5 times faster but also more reliable.

VP9 Fully Supported Including the Opus Interactive Audio Codec

Telestream Cloud introduces support for VP9 with Opus audio codec (Vorbis audio is supported as well). VP9 is an open and royalty free video coding format developed by Google and provides an alternative for H.265 (HEVC). Opus is a lossy audio coding format developed by Xiph.Org Foundation.

Telestream Cloud fully supports all video profiles defined by VP9:

- Profile 0 - 8-bits depth per sample and 4:2:0 chroma subsampling.
- Profile 1 - 8-bits depth per sample with support for 4:2:2 and 4:4:4 chroma subsampling, alpha channel support, and depth channel support.
- Profile 2 - 10-bits to 12-bits depth per sample with 4:2:0 chroma subsampling.
- Profile 3 - 10-bits to 12-bits depth per sample with 4:2:2 and 4:4:4 chroma subsampling, and alpha channel support.

VP9 is available in Telestream Cloud WebM preset.

LiveSync Simplifies Your WorkFlow

LiveSync is the easiest way to integrate with Telestream Cloud. We will monitor your specified AWS S3 source bucket and anytime you add a new file to it we will encode it automatically to all output profiles assigned to the factory. No need to write code or make an API call.

Screenflow Publish to Telestream Cloud

Direct publishing to Telestream Cloud with the release of Screenflow 6. Export from ScreenFlow to Telestream Cloud, and then create as many versions and formats of your video as you need.

Apple ProRes Support

Telestream Cloud is the only transcoding service to offer Apple authorized ProRes video output. Certified ProRes presets

deliver high quality video files that conform to Apple standards and ensure trouble free, cost efficient post-production on Apple's Final Cut Pro platform for professional media workflows.

Vantage Integration into Telestream Cloud

The Vantage Platform is now integrated into Telestream Cloud, giving customers a path to cloud transcoding services. Soon, Vantage jobs can be forwarded within Vantage workflows; status is tracked and output media location is reported in Vantage.

New Formats

- MPEG2.ts
- MPEG2.ps
- Supported formats
- Most common inputs formats:
 - AAC
 - AVI
 - 3GP
- MP2
- MOV
- MXF
- MP3
- MP4
- MPEG
- OGG
- WAV
- WEBM

- WMA
- WMV
- Most common output formats:
 - AAC
 - AVI
 - FLV
 - MOV
 - MXF

- MP3
- MP4 (H.264)
- MP4 (H.265)
- OGG WEBM (VP8, VP9)
- HLS
- MPEG-DASH

For a complete list of formats visit:

<http://cloud.telestream.net/formats>

Product Information and Press Kit

<https://cloud.telestream.net>

Telestream Cloud Pricing

FlipGo	\$0/month
Pay-as-you-go subscription. Perfect if you're just getting started with transcoding	
\$0.020 for each minute of output video	
LittleFlip	\$39/month
Includes 2,000 minutes of output video	
\$0.019 for each additional minute	
Flip	\$199/month
Includes 12,000 minutes of output video	
\$0.016 for each additional minute	
BigFlip	\$999/month
Includes 70,000 minutes of output video	
\$0.014 for each additional minute	
SuperFlip	\$1899/month
Includes 140,000 minutes of output video	
\$0.013 for each additional minute	

GigaFlip	\$3999/ month
Includes 325,000 minutes of output video	
\$0.012 for each additional minute	

Pricing Multipliers:

Based on total output minutes

SD = 1x (below 720p)

HD = 2x (from 720p up to 1080p)

UHD = 4x (above 1080p, up to 2160p)

4K+ = 8x (above 4096x2160)

Pro Formats = 5x plus resolution multiplier (eg 10x for XDCAM HD)

Audio = .25x

Transmuxing = .25x

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Telestream Cloud

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About Telestream

Telestream® provides world-class live and on-demand digital video tools and workflow solutions that allow consumers and businesses to transform video on the desktop and across the enterprise. Many of the world's most demanding media and entertainment companies such as CBS, BBC, CNN, FOX, CBC, Comcast, Direct TV, Time Warner, MTV, Discovery, and Lifetime, as well as a growing number of users in a broad range of business environments, rely on Telestream products to streamline operations, reach broader audiences and generate more revenue from their media. These companies choose to work with Telestream as they know they will get a trusted and highly skilled technical partner.

Telestream products span the entire digital media lifecycle, including [video capture](#) and ingest; live and on-demand [encoding](#) and [transcoding](#); playout, delivery, and [live streaming](#); as well as management and automation of the entire [workflow](#). The company also partners closely with the industry's leading digital media companies across the entire digital media lifecycle, from consumer to enterprise. Telestream corporate headquarters are located in Nevada City, California.