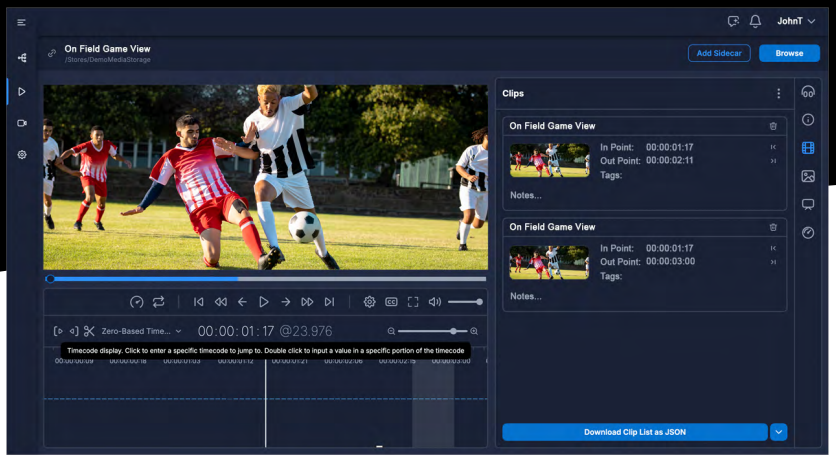
GLIM

Play Any media file, from Anywhere, in a Browser.



Fast and easy playback of mezzanine and professional media files from a web browser.

GLIM is the superior, proxy-free playback solution for media professionals that enhances remote workflows. GLIM uses Telestream's award-winning media framework to seamlessly encode and stream high-resolution content on-the-fly to any standard web browser. It eliminates lost hours associated with slow downloads and inefficient proxy generation while reducing cloud egress costs. With a user-friendly interface, GLIM makes video playback a snap.

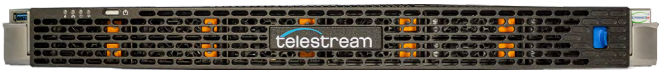
How Does GLIM Work?

GLIM runs as a server application close to your content. It'll start dynamically encoding the content whenever a remote user hits the "Play" button and stop whenever they stop. Playback quality and bitrate is user configurable, to ensure a seamless experience for remote viewers.

Deployment Types

GLIM is a Windows Server application, that can run on COTS hardware, Cloud based compute or Telestream's dedicated hardware platform "GLIM 200 Sever". When utilizing the GLIM appliance, this will enable up to 15 concurrent sessions, utilizing the onboard Dual GPU's.

New GLIM 200 Server



Higher Density remote playback, utilizing GPU accelerated encoding. Supporting up to 15 concurrent sessions.

- The Telestream GLIM 200 Server is an efficient 1U server (utilizing onboard GPU acceleration), enabling up to 15 concurrent remote playback sessions
- You can Cloud deploy on customer provisioned Cloud based compute to give you:
  - Up to 5 concurrent sessions if you utilize CPU-only instances or,
  - Up to 15 concurrent sessions if you utilize instances with Nvidia GPU Support.

Recommended Server Specification

The GLIM engine runs on Windows Server 2019 or 2022:

- Recommended System configuration (supports playback of up to 5 HD files or two 4K files concurrently):

  24+ CPU Cores (2.6 GHz or greater), 24+ GB RAM, 1+ Gbps storage access

- Minimal System configuration (supports playback of 2 HD files concurrently):

  8 CPU Cores (2.6 GHz or greater), 16 GB RAM, 1+ Gbps storage access

Playback features

- Supports playback of any media file Switch or Vantage can play or decode
- Open and Closed file support
- Play head scrubbing and frame stepping with keyboard shortcuts (J/K/L/Space/ Arrows)
- Allows for surround mixdown and surround output from multi-channel audio (5.1) source material
- Selectable audio channels: users can listen to any channel present in the source media
- Displays ancillary data from media files: timecode, closed captioning (608/708 all services)
- Image file playback/display (.dpx, .tiff, .tga, .jpg, .gif, .png, .bmp, animated gifs)
- Audio only playback (.aiff, .wav, .m4a, .mp3, .f4a, audio only .mov)
- Allows multiple sidecar caption files to be loaded and played against the source material (SCC, SRT, TTML, VTT)
- Sidecar audio support – Allows you to load a media file with separate audio and play it back in sync with the video
- User video quality selection: each user dictates the quality of media they are delivered
- Enhanced Nielsen Audio Watermark support improvements in performance when detecting Nielsen watermarking in audio streams
- Cloud Object Storage Support with support for AWS S3, S3 compatible, Google GCP and Microsoft Azure Storage.

GLIM Architecture

GLIM has been designed and engineered to playback high resolution and high bit rate media files over very bandwidth constrained internet connections (example: working from home while connected to corporate VPN).

The GLIM client side bandwidth requirements are configurable (2-8mbps commonly used).

GLIM leverages proven standard technologies to display media in a browser that requires no additional software to be installed by the client:

- The GLIM engine can be configured to lever- age HTTP or more secure HTTPS protocols (operates on port 5000/5001 by default)
- GLIM supports multiple user authentication
- The GLIM engine allows limiting the access to predefined browsable directories

Plugin Architecture

The GLIM engine contains a plugin architecture to interact with Vantage and other third party systems via web service (REST) calls:

- GLIM ships with sample plugins to submit media files and variable transmission to existing Vantage systems
- Allows the sharing of media file playback links (with UI configurable in/out points) with other users in your organization
- Allows for high resolution images of the source media to be downloaded and shared

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