

GLIM 2.5



Release Notes

The official release build of GLIM is: 2.5.0.2603

24th January 2025

About this Release

The primary purpose of this release is to address many small issues that enhance the user experience.

It is recommended that customers upgrade to this version of GLIM, enabling users to take advantage of the latest capabilities and optimizations. Please review the “Known Issues” section of this document before upgrading, to make sure this does not disrupt any of your workflows.

Operating System Support

- Windows Server 2016 & 2019
- AWS EC2 Linux base on “Ubuntu Server 24.04 LTS”. (Delivered as an AMI – Will be released separately at a later date)

GLIM Appliance GPU Support

Glim 2.5 has been qualified on the Glim Appliance (Gen2) utilizing Nvidia RTX 4000. The driver used for qualification was version 471.41

Note: Users upgrading from previous versions of Glim will need to go into the GLIM settings and reset the GPU Quality setting (Low medium or High).

Upgrading from previous versions of GLIM

Telestream test the upgrade process from the last 2 released versions of GLIM (2.3, 2.4). If you run an earlier version of GLIM, it is recommended to upgrade to one of these versions first and then upgrade to 2.5.

New Features & Improvements

- Added Timecode selection retention across different Clip loads.
 - Added Button to unload Plugins
 - Added the ability to read Files from Harmonic Spectrum Fileshare
 - Added Support for NPT Timecode
 - Added the ability to rotate Content.
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- Added detailed information about Cache settings to the User Guide
 - Added Peak Hold lines to Audio Meters
 - Improved performance of ProRes 444 Playback when deployed to an AWS EC2 Instance
 - Added error indication if Users try to open Files with incorrect Paths
 - Added Nielsen Watermark Support to Glim AM

Resolved Issues

- Fixed a Bug where Partition Strategy configuration in Capture would lead to a failure in opening open MXF Files in Glim.
- Fixed a Bug where the Session could be incorrect in several modes of working
- Fixed a Bug where content Playback from Network Locations would be slow.
- Fixed a Bug where Windows Authentication would not work correctly
- Fixed a Bug where Frame accurate Navigation would not work correctly
- Fixed a Bug where Licensed Sessions would not be reported correctly
- Fixed several subtitling synchronization Bugs
- Fixed a Bug where AWS EC2 Virtual GPUs would lead to several errors
- Fixed a Bug where AAC Audio in DASH would cause the playback to stop
- Fixed a Bug where SCC Sidecar files would not start to display correctly
- Fixed a Bug where the “Jump to End” Button would not navigate to the last Frame of the content.
- Fixed a Bug where grouped Machines would stop showing up

- Fixed a Bug where Load Balancing of Jobs would fail in some cases

Running Glim from AMI

If you require access to the GLIM 2.5 AMI, please get in touch with your Telestream account manager and we will provide you access to the AMI. We will need to know your AWS Account Number and which region you wish to run the Ec2 instance.

Suggested Compute Platforms (AWS Deployments)

The type of compute required is dependent on many factors, including Source type and encode settings used in GLIM. Users need to be mindful on the compute performance required and the network performance requirement to transit media from Storage to the EC2 Compute Instance.

It is highly recommended that the compute is provisioned as close to the content as possible, so we suggest provisioning the EC2 compute in the same AWS Data Centre to where the media resides.

Please see the below recommended instance types:

NO OF GLIM SESSIONS	INSTANCE TYPE	VCPUS	MEMORY	NETWORK PERFORMANCE
1-2 SESSIONS	C6i.2xlarge	8	16	Up to 12.5 Gigabit
5 SESSIONS (LOW BITRATE SOURCE)	C6i.4xlarge	16	32	Up to 12.5 Gigabit
5 SESSIONS (HIGH BITRATE SOURCE)	C6i.8xlarge	32	64	12.5 Gigabit

All prices are based on AWS on-demand pricing as of 21st Sept 2022

Please note that GPU acceleration in Linux is not currently supported.

Plugin Developers Guide

In the plugins directory (C:\Program Files\Telestream\GLIM\plugins\docs) you will find a new Plugin development guide that explains any changes that have been made to the plugin infrastructure, along with a simple guide explaining how you would get started.