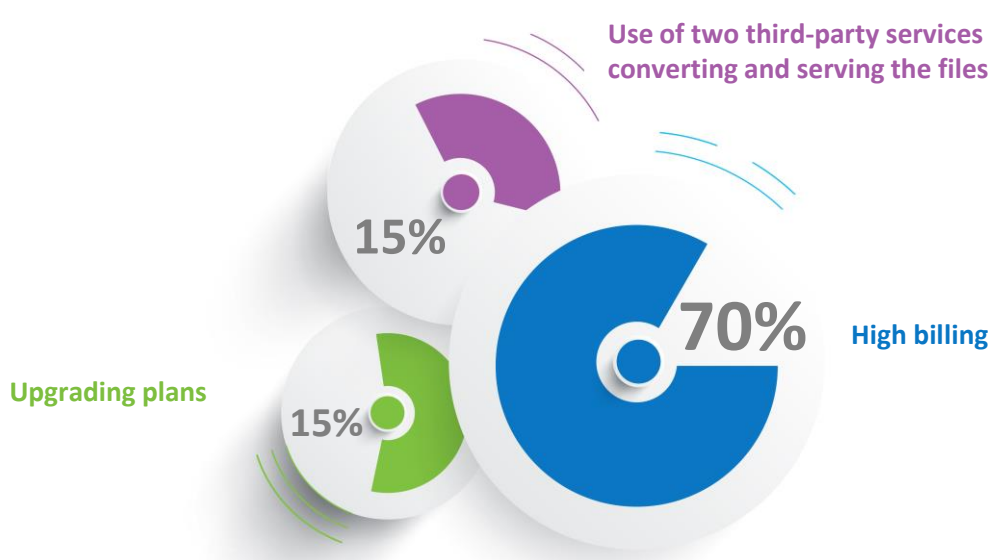


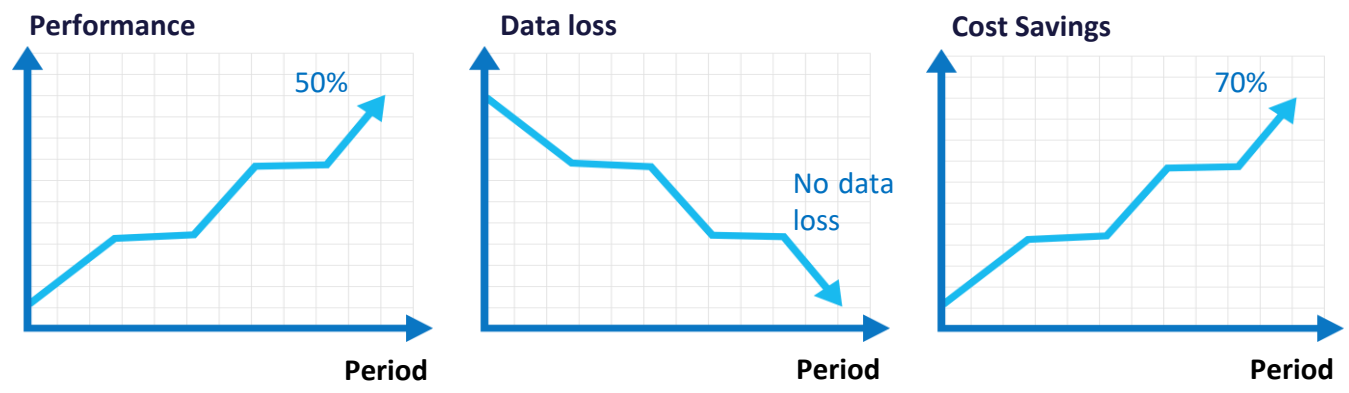
SUCCESS STORY

Our client teamed up with us to upgrade their plans in AWS. Our production support team delivered a comprehensive solution – the centerpiece being migration from Rackspace servers to the Amazon Web Services (AWS) media converter. The AWS platform delivered the peace of mind our client required: cost reduction!

CUSTOMER'S PAIN POINT



PERFORMANCE



MEET THE BRAND

Our client is a Gospel-centered Christian camp with overnight youth and family locations in East Texas, Central Texas, Georgia, and South Carolina, and day camp locations across the Southeast US. From awesome activities and exciting theme nights to deep relationships and outdoor adventures, you'll find that they are no ordinary summer camp.

GOAL

- To migrate the Rackspace servers to the AWS CloudFront environment; upgrade plans to ensure cost reduction and provide enhanced user control.
- Our client had a mobile app with several videos, and they wanted it to be compatible with Apple and Android devices.

STRATEGY

KnackForge's production support team conducted extensive discovery to articulate a clear assessment of the challenge. After comprehensive planning with the client, we rapidly migrated Rackspace's server to the AWS CloudFront environment. We had to convert the media file on the fly and serve through CloudFront.

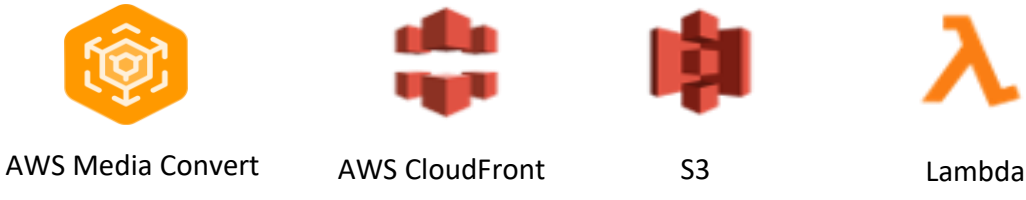
CHALLENGES

- We had to reduce the billing without compromising the video compatibility and performance.

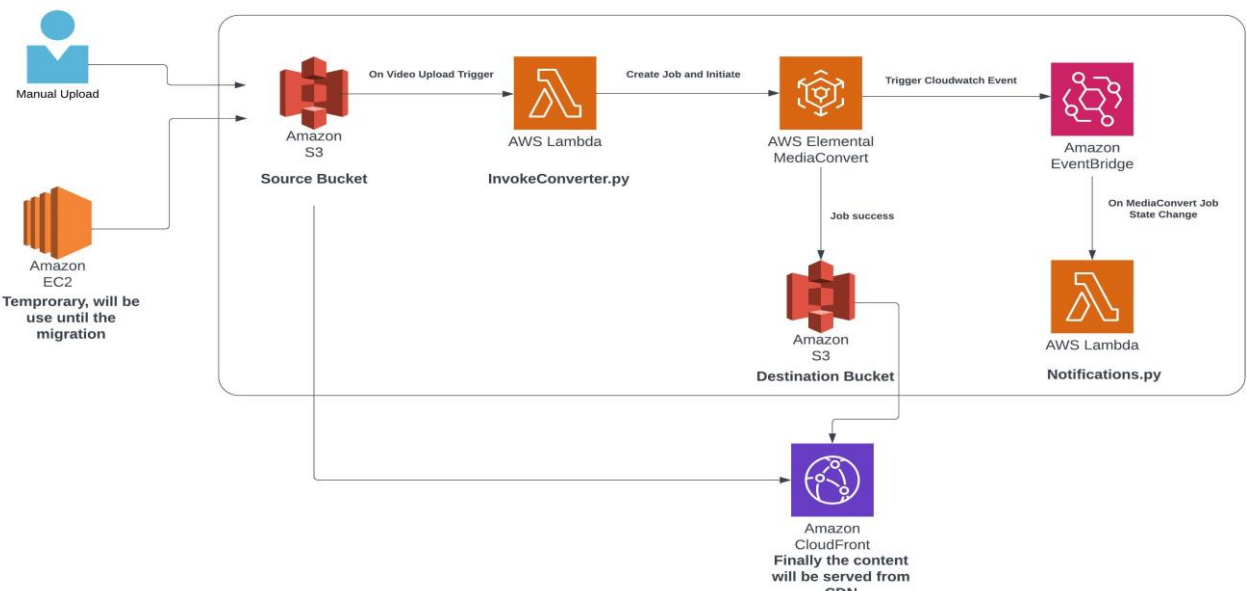
SOLUTIONS

- After comprehensive planning, we used the AWS MEDIA CONVERTER to convert the videos and serve the video files using AWS CLOUDFRONT.

SERVICES USED FILE CONVERSION



PROCESS



The mp4 file is loaded in an S3 bucket (Source Bucket), which is triggered using the Lambda service. Here mp4 file is converted into an HLS file and passed to another S3 Bucket.

Now we get two files in the Amazon CloudFront, one the mp4 file and another the converted HLS file.

TRIGGER CLOUDWATCH EVENT

The status of the media converter (fail/pass) is sent to Amazon Event Bridge, where the notifications are sent to the client for further updates.

RESULT

