

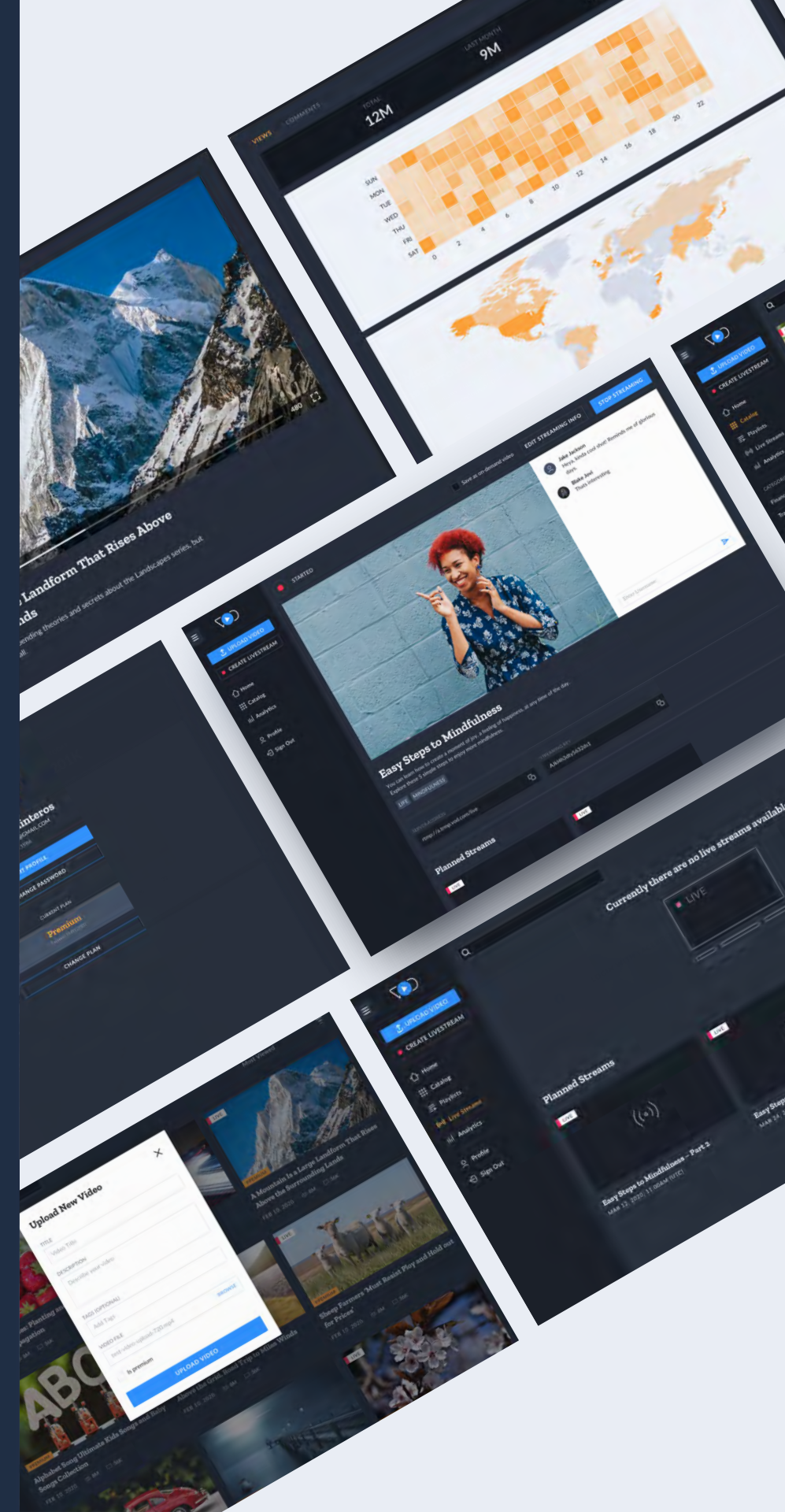


# Octopus

Video Sharing and Live Streaming Platform

# Benefits

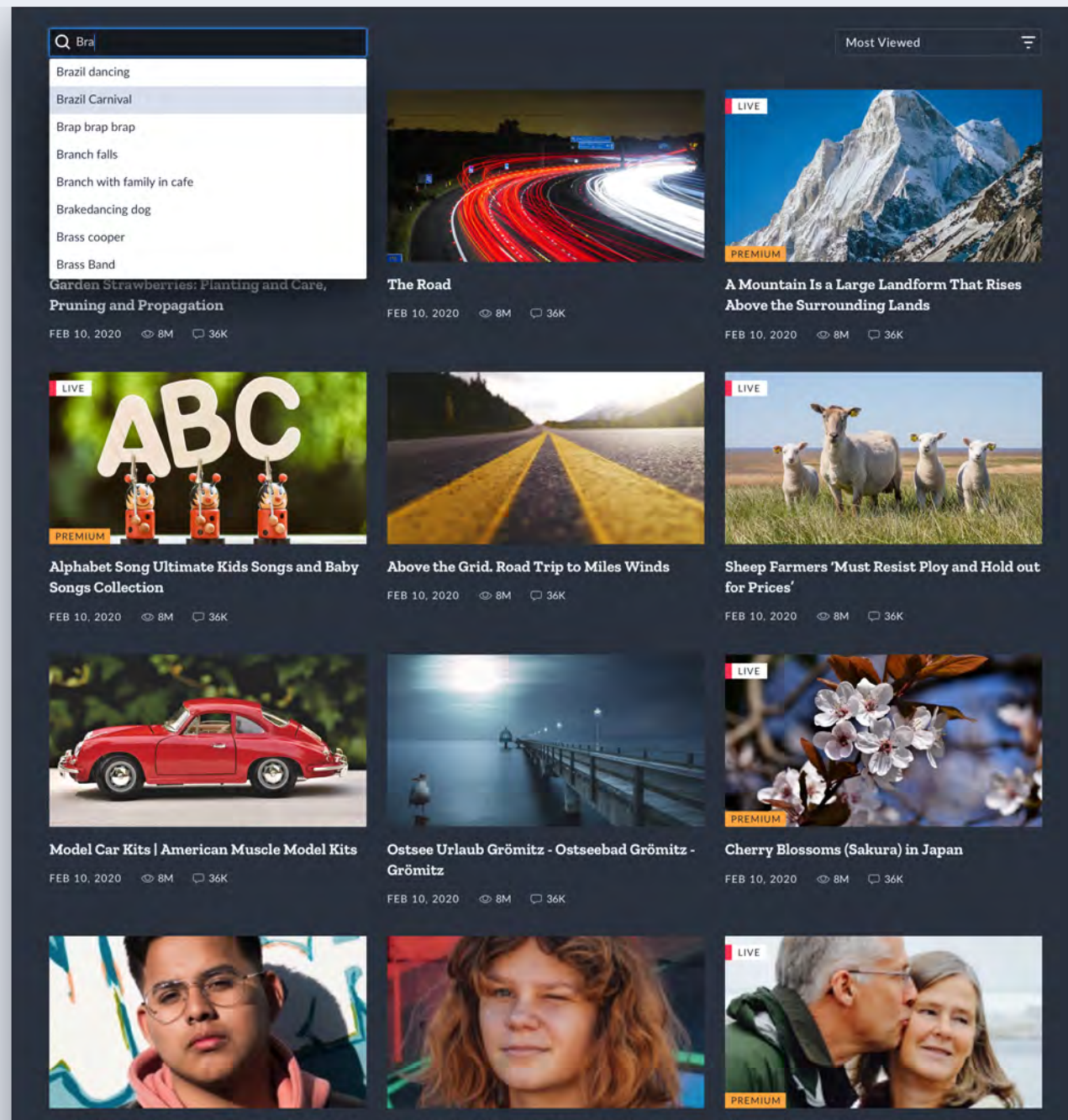
- Your own video sharing and live streaming platform at a fraction of the cost
- Can be used for live streaming video conferences and events
- Most of the key features of popular OTT/VOD platforms are implemented
- Built as a white-label application and could be easily customized to fit client needs
- Is “plug-in” ready for integration with any authentication provider API
- Could be deployed to any cloud provider
- Configured for free and premium content delivery
- Mobile ready





## Features

# Video Catalog



- Your own video sharing and live streaming platform at a fraction of the cost
- Can be used for live streaming video conferences and events
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## Features

# Video CMS



Upload, edit  
and delete video files



Add description, tags,  
and title



Playlists — create  
and assign videos



Automated video  
thumbnail generation



Transcoding  
into various formats,  
bitrates and resolutions

×

Upload New Video

⬆

Upload Video

Drag & drop or [browse](#) your video.

TITLE

Video Title

DESCRIPTION

Describe your video

TAGS (OPTIONAL)

Add Tags

☐ Is premium

UPLOAD VIDEO

×

Upload New Video

Success!

my-video.mp4

✓ 100%

TITLE

Crispy Fried Dumplings

DESCRIPTION

How To Make Crispy Fried Dumplings

TAGS (OPTIONAL)

DUMPLINGS X FOOD X

☐ Is premium

SAVE VIDEO



Features

# Video Player



Full-screen playback



Video quality selection



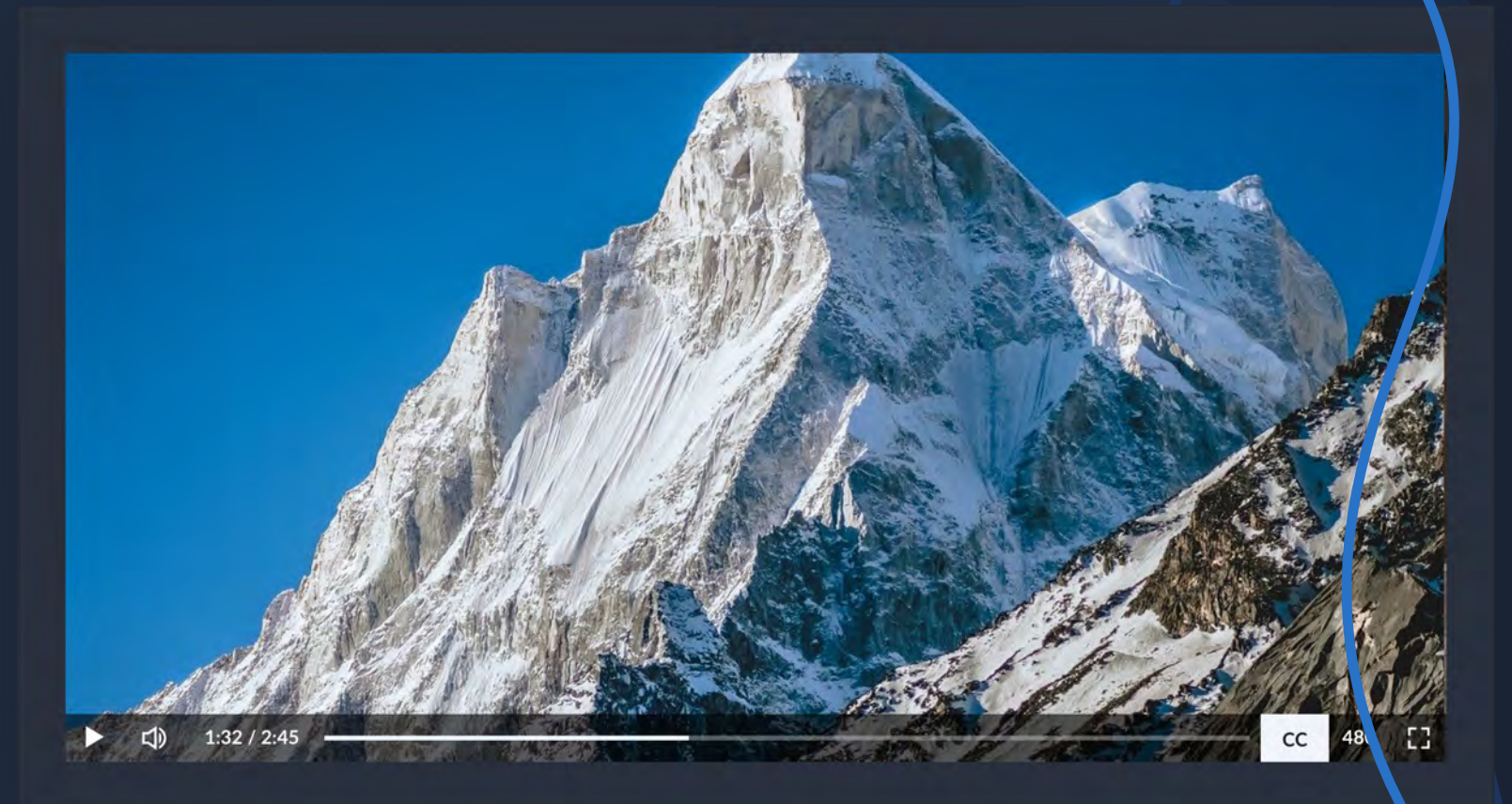
Subtitles support



Support of various video formats



Mobile ready



## Features

# Live Video Streaming



Consumes streams from any type of third-party video streaming tools



Mobile ready



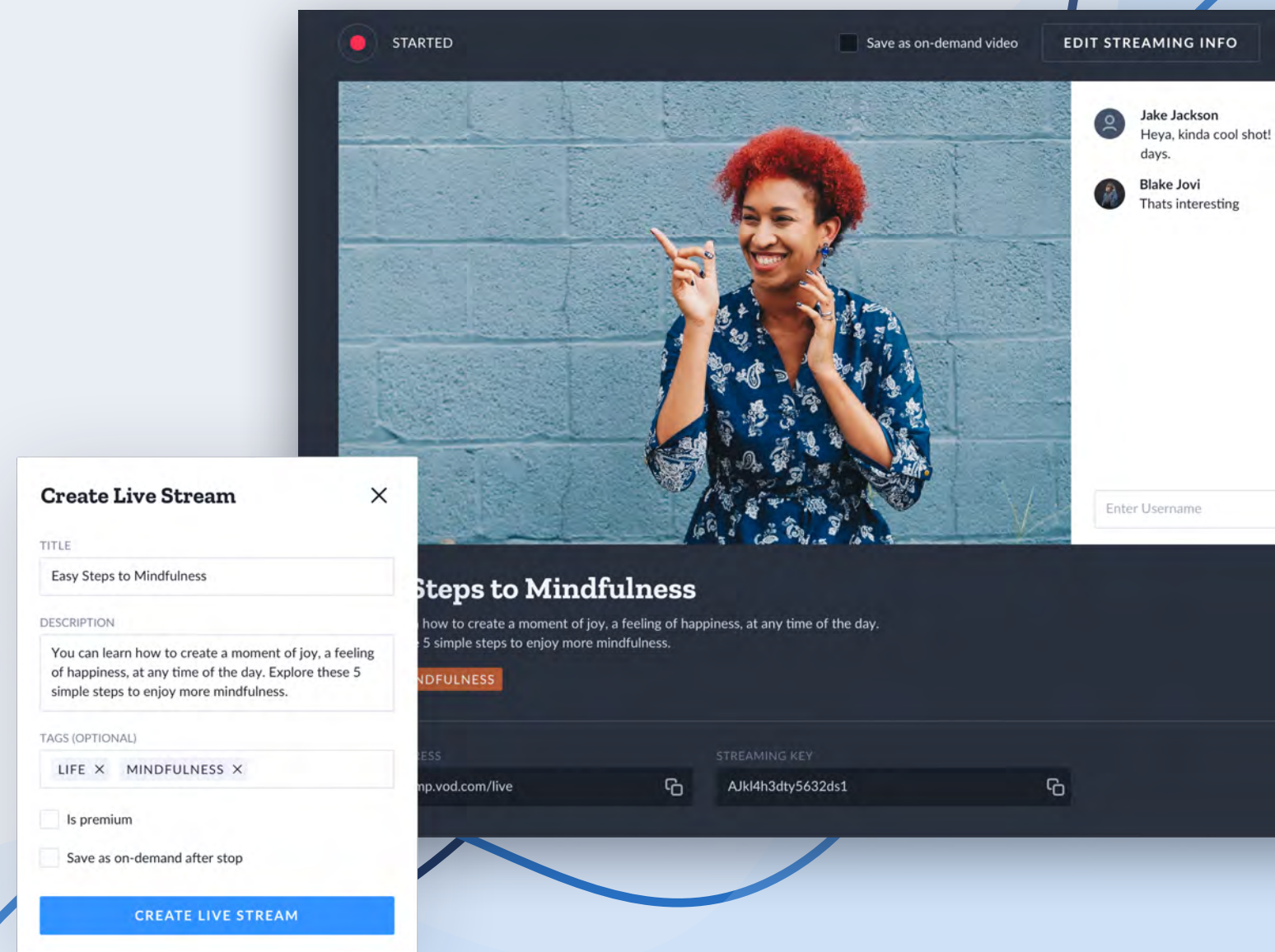
Live chat



Premium stream



Stream could be saved as on-demand video



Features

# User Management



Admins



Visitors



Registered users



Premium users

### Enjoy Premium Content

More quality content and more value.  
Daily updates and customized suggestion list.

CHOOSE PAYMENT PLAN

☒ **Monthly** **\$1.99** PER MONTH

☐ **Yearly** **\$19.99** PER YEAR

**PURCHASE**

**I DON'T WANT PREMIUM**



**Glen Smith**

GLENSMI@GMAIL.COM

13.05.1986

EDIT PROFILE

CHANGE PASSWORD

CURRENT PLAN

**Basic**

Buy premium to get more value just for 1.99/mo

CHANGE PLAN



PREMIUM

**Amanda Quinteros**

AMANDA.ANGEL@GMAIL.COM

13.05.1986

EDIT PROFILE

CHANGE PASSWORD

CURRENT PLAN

**Premium**

Expires: 18.07.2020

CHANGE PLAN



# Other Features

## Social Features

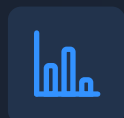


Number of views and likes



Comments and sub-comments

## Analytics



Visualization for time and region  
of views and comments

### 120 Comments

Add Comment



Jake Jackson  
Heya, kinda cool shot! Reminds me of glorious days.

[ANSWER](#)



Blake Jovi  
Thats interesting

[ANSWER](#)



Glen McArthur  
Great cheezy movie!!!

[ANSWER](#)

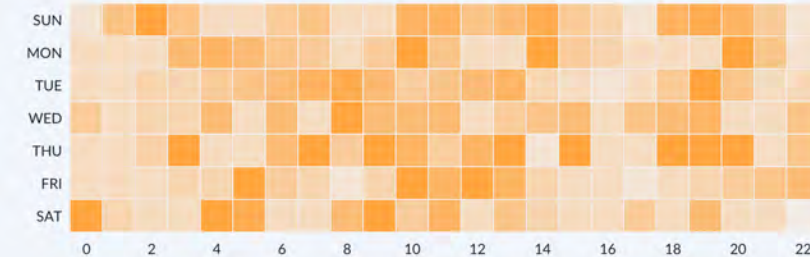
[Show Answers](#)

VIEWS COMMENTS

TOTAL  
12M

LAST MONTH  
9M

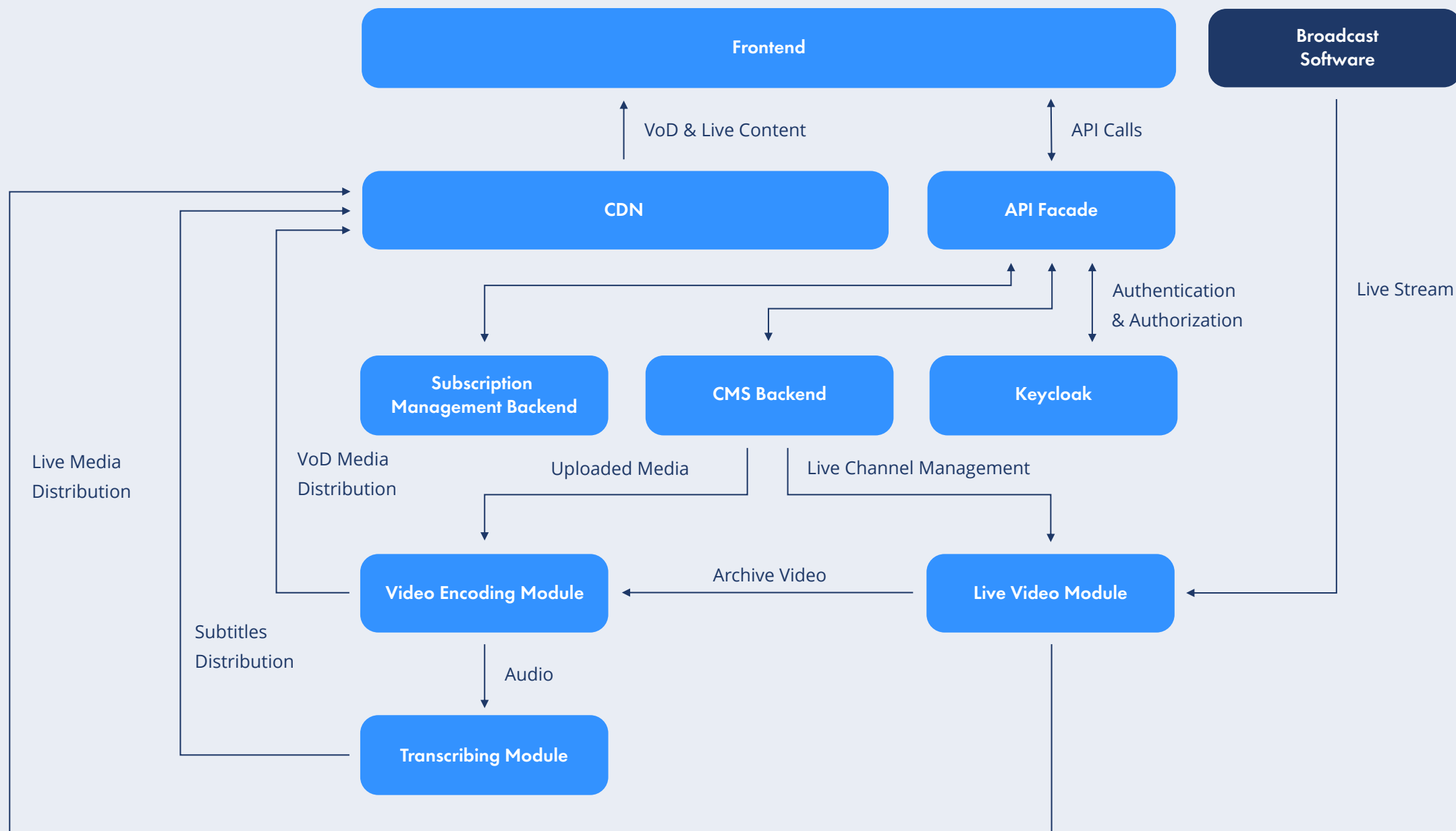
TODAY  
201K



r comment will be removed



# Architecture



Features

# Technologies

## Key Components

- **Video CMS.** A service that handles the media catalogue & metadata management
- **Video Encoding Module.** Transcodes the uploaded media into distributed media formats.  
Built on AWS Lambda, CloudWatch and Elemental MediaConvert
- **Live Video Module.** Built on AWS MediaLive
- **Transcribing Module.** For formatting subtitles build on AWS Lambda and Transcribe
- **Subscription Management Backend.** A service that is responsible for user premium subscription and its management

## Backend

Java 11  
Spring Boot 2.2  
Spring Cloud AWS

## Frontend

React  
Redux  
React-Player

## Infrastructure

Serverless  
AWS Lambda  
Terraform  
AWS

# About DataArt

A global software engineering firm that takes a uniquely human approach to solving problems.

3500+

Consultants & engineers

4000+

Successfully completed projects

20+

Global locations

19+ Million

Hours of software and R&D work

95%

Return clients

23 Years

In operation



# Contact Us

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[octopus.dataart.com](https://octopus.dataart.com)

