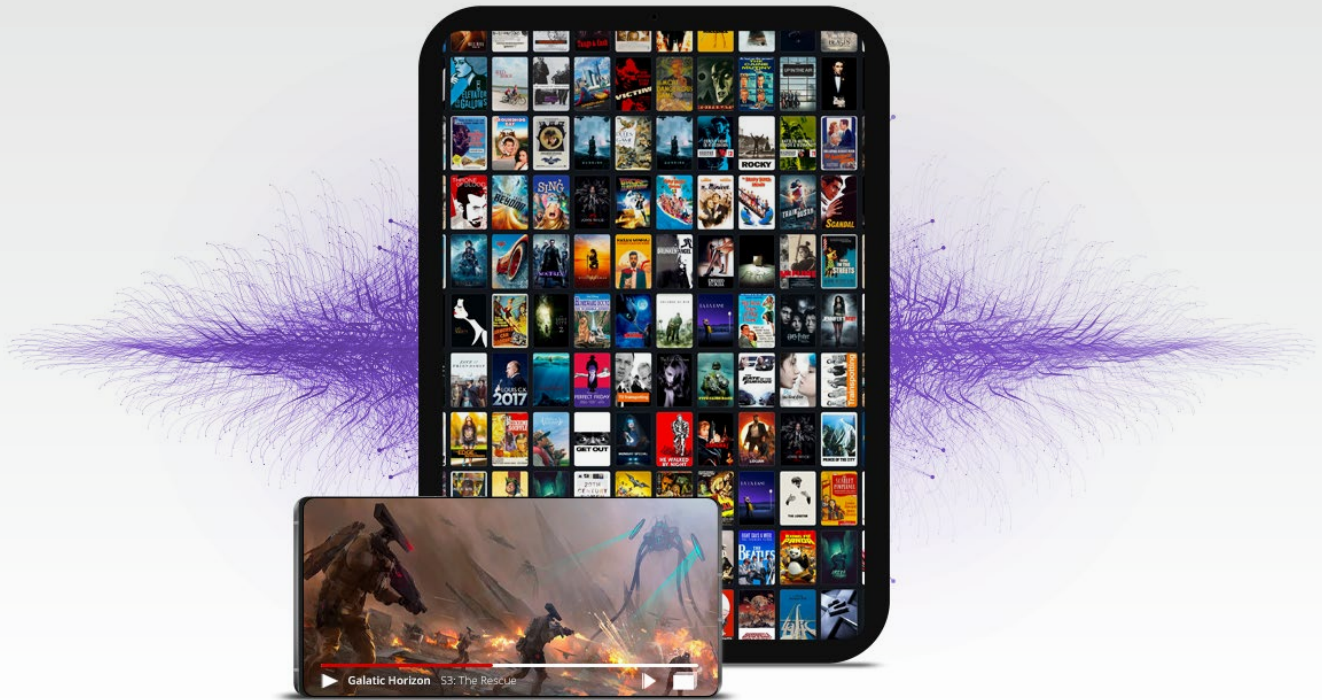## CDNetworks

Cloud VoD
Data Sheet

Introduction

As one of the biggest marketing trends these years, video will make up over the most part of all Internet traffic in the coming years. But the problem for your server is that video content is a lot heavier than text-based content, and it puts a heavy load on your website servers.

That's why a video hosting site or service is part of a modern content marketing strategy. You need to be able to upload and share high-quality videos with your audience, without server lag or your website going down.
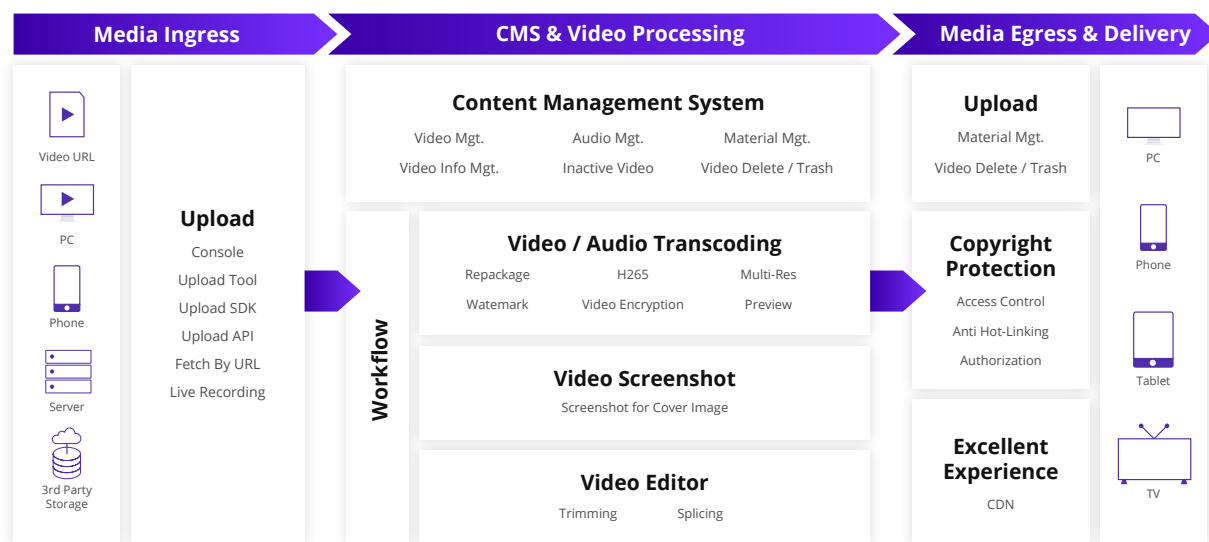
Cloud VoD

Cloud VoD is a centralized video content management solution for ingesting, managing, processing, publishing, distributing and analyzing media content to power every video use case and put your organization at the cutting edge of digital transformation. It is an ideal service responsible for hosting your medias for you and able to stream it, so you don't have to worry about building any data centers or infrastructure.

How It Works

Previously, if a developer wanted to roll their own video platform, they'd have to build an entire infrastructure which is capable of handling transcoding, content delivery, and playback, each of those are billed differently, which is hard for those developers who want to setup video themselves.

Cloud VoD essentially bundles all the above parts into a single product. It is embedded with Content Management System where users need to login to add content, upload video, view video analytics which include, detailed insights of video performance such as, video watch time, total number of video views, unique views and impressions; stats on user visits, location and behavior on the site can be extended by customers who has deeper requirements.

Media Ingress		CMS & Video Processing			Media Egress & Delivery	

Media Ingress

- Video URL
- PC
- Phone
- Server
- 3rd Party Storage

Upload
- Console
- Upload Tool
- Upload SDK
- Upload API
- Fetch By URL
- Live Recording

Workflow

Content Management System

| Video Mgt. | Audio Mgt. | Material Mgt. |
| Video Info Mgt. | Inactive Video | Video Delete / Trash |

Video / Audio Transcoding

| Repackage | H265 | Multi-Res |
| Watermark | Video Encryption | Preview |

Video Screenshot
Screenshot for Cover Image

Video Editor
| Trimming | Splicing |

Upload
Material Mgt.
Video Delete / Trash

Copyright Protection
Access Control
Anti Hot-Linking
Authorization

Excellent Experience
CDN

- PC
- Phone
- Tablet
- TV

Key Features and Benefits

Feature	Description	Benefit
Easy Management	The media hosting feature makes it easy to manage your medias. You can create categories to present your content in a way that is easy to navigate.	It makes you easily organize and manage medias of any size.
Flexible Processing	High concurrent capabilities enable you to process with large amounts of UGC files. And video Editor improves the efficiency of video editing.	It makes operation a breeze, while covering the majority of your use cases.

Feature	Description	Benefit
Robust Protection	It supports multiple video protection functions, including anti-leeching, playback authentication, and AES encryption.	It ensures maximum security and availability of your videos.
Fast Delivery	Our leading CDN across the globe ensures videos get to audience quickly and safely, most importantly is the great quality.	It makes your contents reach every screen quickly and easily.
Full-feature API	Our API is specifically designed for quick and easy integration of rich features into a wide variety of cloud video applications.	It makes you easily build new applications and platforms.

About CDNetworks

CDNetworks is a global content delivery network (CDN) with fully integrated Cloud Security DDoS protection and web application firewall. Our mission is to transform the Internet into a secure, reliable, scalable, and high performing Application Delivery Network. CDNetworks accelerates more than 40,000 websites and cloud services over a network of 1500+ global POPs in established and emerging markets including China and Russia. We have been serving enterprise customers for 15 years across industries such as gaming, finance, ecommerce, high tech, manufacturing, and media. CDNetworks offices are located in the U.S., UK, South Korea, China, Japan, and Singapore. For more information, please visit: www.cdnetworks.com.