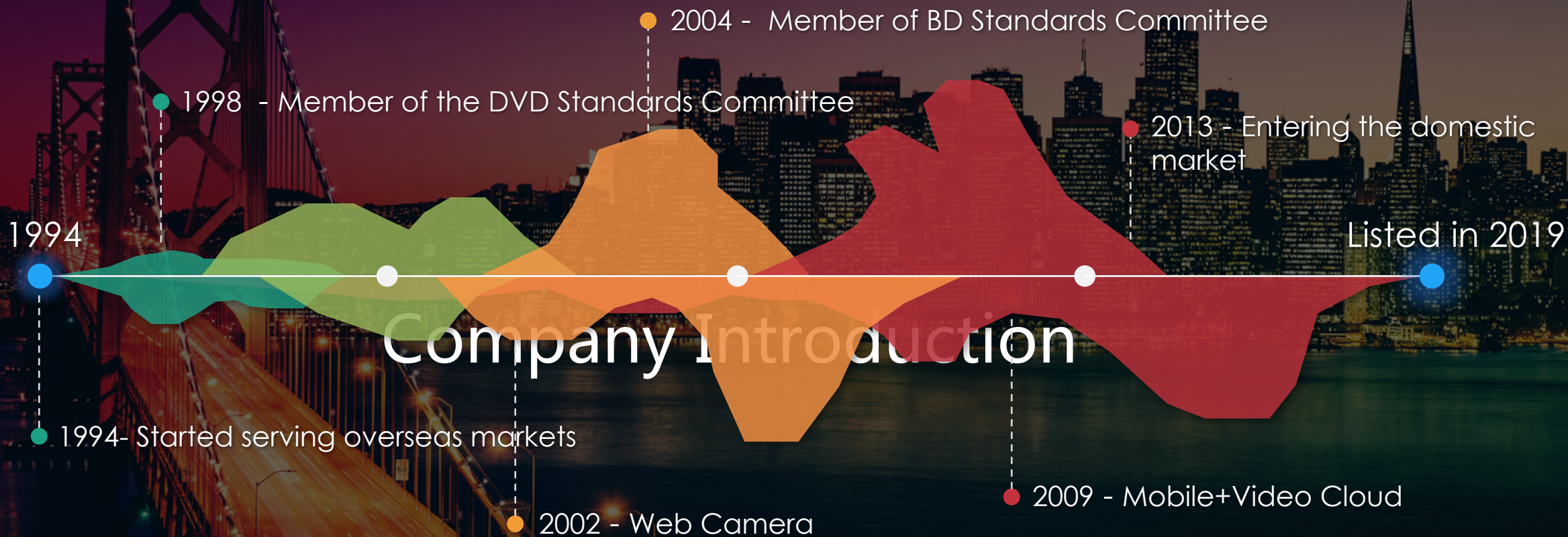


Arcvideo Media Service Cloud

2024/4/3



Company Introduction



Product solutions and video cloud service providers for new media and Internet video services

Company Introduction

Hangzhou Arcvideo Technology Co., Ltd. (referred to as "Arcvideo Technology", stock code 688039) is a high-tech enterprise located in the field of big video, mainly targeting media culture, pan security, intelligent connected vehicles, etc., providing intelligent video solutions and video cloud services. It was listed on the Science and Technology Innovation Board in December 2019. Relying on more than 20 years of technical accumulation and industry experience, the company has core technologies such as high-quality video encoding and transcoding, intelligent portrait recognition, low latency video communication, video structuring, 5G edge computing, visual AI, and provides complete video solutions for customers in radio and television media, Internet video, operators, public security and law, social governance, intelligent connected vehicles, as well as finance, energy, rail transit, education and other industries. In the field of media culture, Arcvideo Technology, as a member of the China Digital Audio and Video Encoding and Decoding Technology Standard Working Group, participates in the formulation of each generation of video encoding standards and is the core supplier of 4K/8K ultra high definition real-time encoders in China. In the direction of pan security, Arcvideo Technology is one of the few domestic enterprises that possesses both "video encoding" and "intelligent AI recognition" dual engine technologies. It can reduce transmission and storage costs by up to 90% while maintaining basic video quality. Based on edge intelligent computing, video networking, AI parsing, and big data analysis, we are committed to the scene based

deep application of "video+AI+big data" for massive surveillance videos, effectively assisting customers in the pan security industry such as finance, energy, transportation, emergency, education, public security, and government. Since its establishment, Arcvideo Technology has continuously pursued technological progress and established an intelligent video research institute internally. It has received acceptance and authorization for nearly 300 patents both internationally and domestically, and has established deep cooperation with globally renowned manufacturers such as Intel, Nvidia, Huawei, and Alibaba Cloud. When Hong Technology is still deeply involved in the localization process of ultra high definition software and hardware equipment. As one of the first members of the "localization strategic alliance", the "Pioneer" series products of Arcvideo Technology are deeply integrated with the "Mount Taishan" series Kunpeng high-performance processors of Huawei, realizing the full localization of encoders from hardware platform, CPU, operating system, database to application software. In the future, Arcvideo Technology will continue to deepen its development in the field of big video, striving to make the world clearer, safer, and better through intelligent video technology.

Arcvideo Patent and Qualification



More than 300 domestic video patents

6 foreign video patents

118 software copyrights



- National high-tech enterprise
- Municipal R&D Center for High tech Enterprises
- Hangzhou Advanced Technology Service Enterprise
- Hangzhou University Student Internship Base
- Technology oriented small and medium-sized enterprises
- Hangzhou Credit Management Demonstration Enterprise



Arcvideo Media Service Cloud

One stop media cloud service

Provide a one-stop video hosting cloud service that includes terminal collection, video processing, copyright protection, video distribution, terminal playback, and big data analysis



Low bit rate and high image quality

A certain video cloud service provider



Resolution 1280x720
512kbps



Resolution 1280x720
1024kbps

Video quality enhancement

源片

ArcVideo™

当虹云
ArcVideo Cloud
Services

H.264源文件使用H.265 H.265源文件, 采用高帧率处理算法, 将源视频的噪点去除, 提升画质。

某大学实验室

Comprehensive support for 5G and 4K live streaming



Support 4K transcoding



Fully support 4K VR live streaming and on-demand services



Support various 4K VR video services



180° 3D VR



360° 3D VR



鱼眼 VR



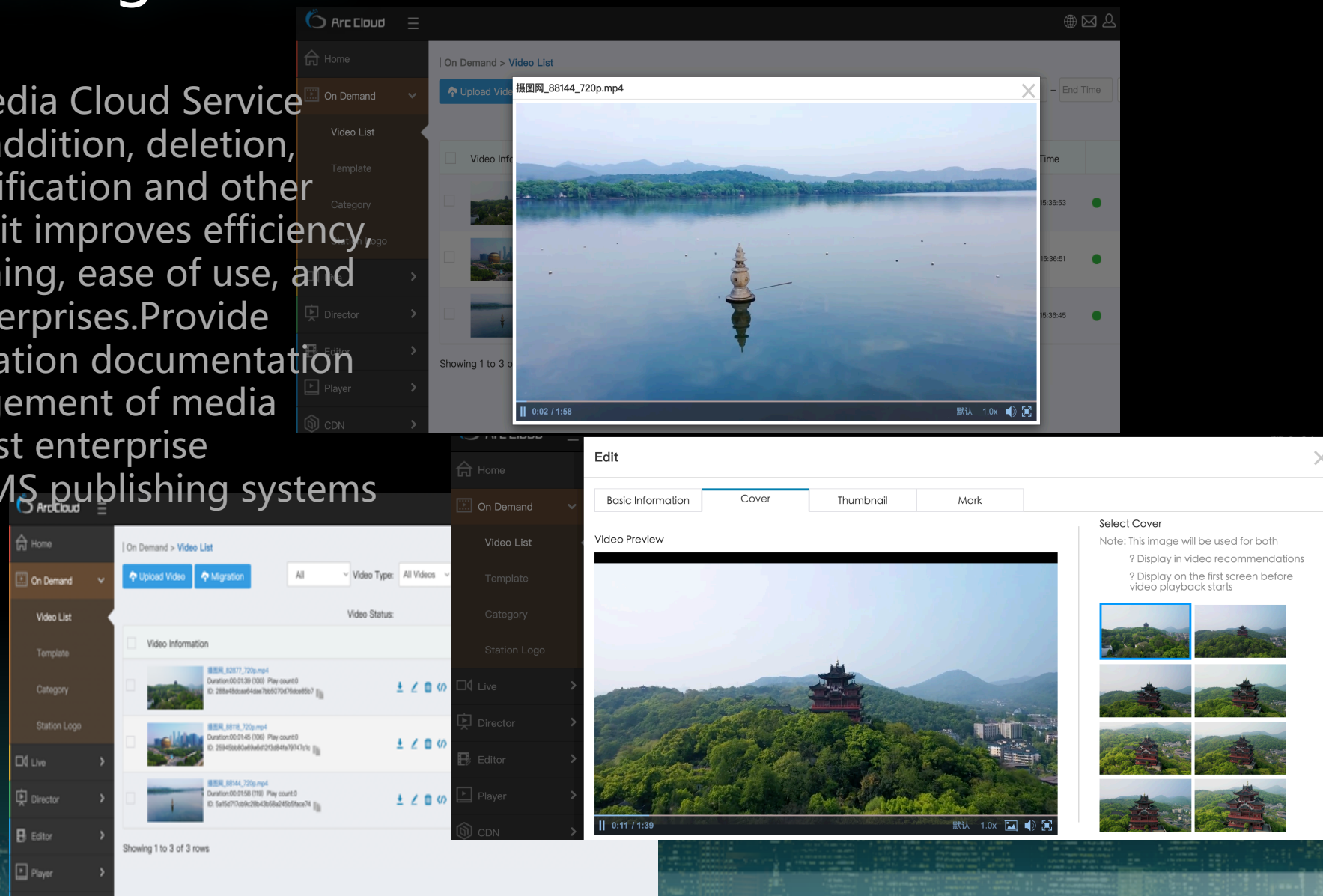
AR + VR

Media Asset Management

When the Hongyun Media Cloud Service Platform provides online addition, deletion, modification, search, classification and other management capabilities, it improves efficiency, convenience, ease of learning, ease of use, and system integration for enterprises. Provide comprehensive API integration documentation to achieve efficient management of media resources and quickly assist enterprise customers in launching CMS publishing systems and providing services.

Application scenario:

- Corporate promotion
- Skills training
- Online courses
- Media enterprises
- New media industry

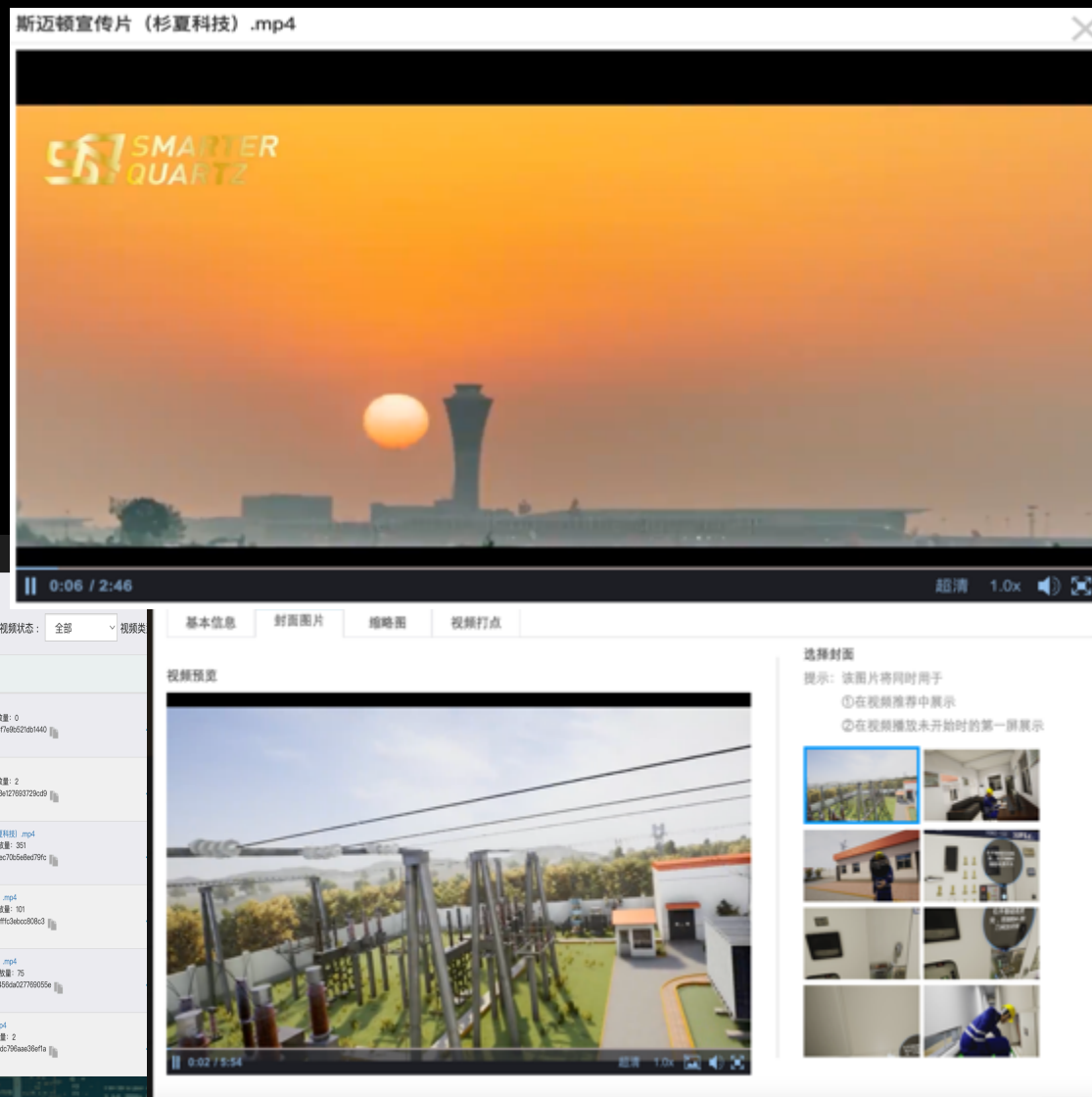


Cloud on-demand

Cloud on-demand meets the playback needs of multiple terminals and provides enterprise customers with fast and stable video application cloud services such as uploading, storing, transcoding, distributing, playing, and copyright protection, helping enterprises promote and advertise. .

Application scenario:

- Corporate promotion
- Online courses
- Media enterprises
- New media industry



Cloud live streaming

Cloud live streaming supports push pull streaming, 4K VR live streaming, automatic switching between main and backup streams, padding, stream encryption, recording, encrypted access to live streaming rooms, online statistics, likes, text interaction, comment review, etc

Application scenario:

- Large scale conferences
- News Release
- Live streaming of events
- Online live streaming
- Live education
-



直播发布设置

直播简介: 250字以内

直播封面:  恢复默认 点击更换, 建议比例

H5引导页:  恢复默认 点击更换, 建议比例为9:16; 仅支持图片格式

是否VR: 是 否

是否加密: 是 否

虚拟在线人数: 默认为0

直播中 广西慢直播

简介 回看 评论

普通直播 高清直播 4K直播 VR直播

频道信息	名称	ID	推流地址	授权码	分类	输入源状态
<input type="checkbox"/>	活动vr直播	a025ec24829f4783a0ff77b4ed53ab33	rtmp://push3.danghongyun.com/live/4yfs7hrh_EA4Wyyup	73RAYN	新闻类	无源
<input type="checkbox"/>	4kvr直播	75a4b5879f6e4267895a8b9b1fec3088	rtmp://push3.danghongyun.com/live/4yfs7hrh_nv3d3l2j		体育类	无源

显示第1到第2条记录, 总共2条记录

Autonomous video encryption and decryption technology



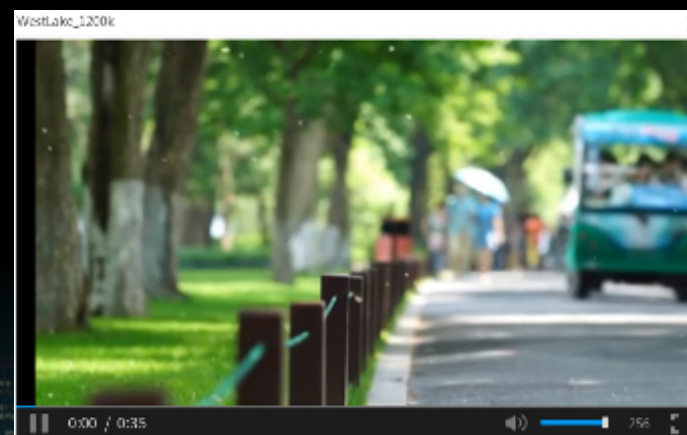
Original video



encryption



Pirating playback effects



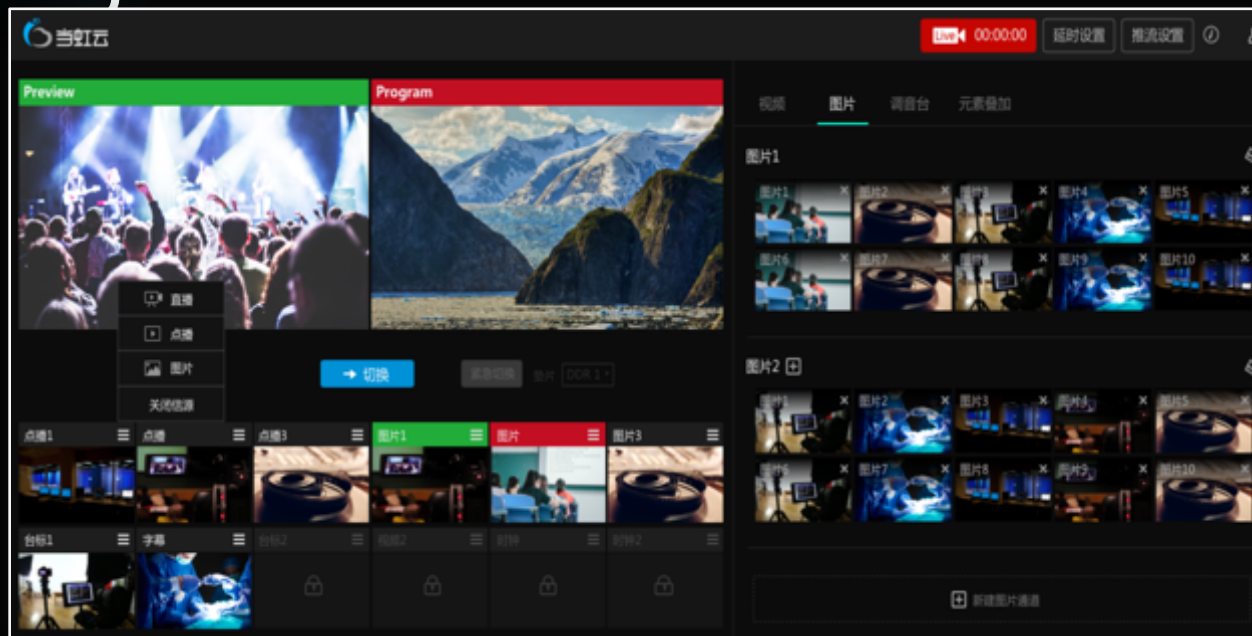
Authorized playback effect

Cloud guided broadcasting

No plugins required, ready to use, Cloud based multi video stream access, multiple video file input sources, supporting background music, transition effects, sound effects, as well as internal and third-party platform push functions.

Application scenario:

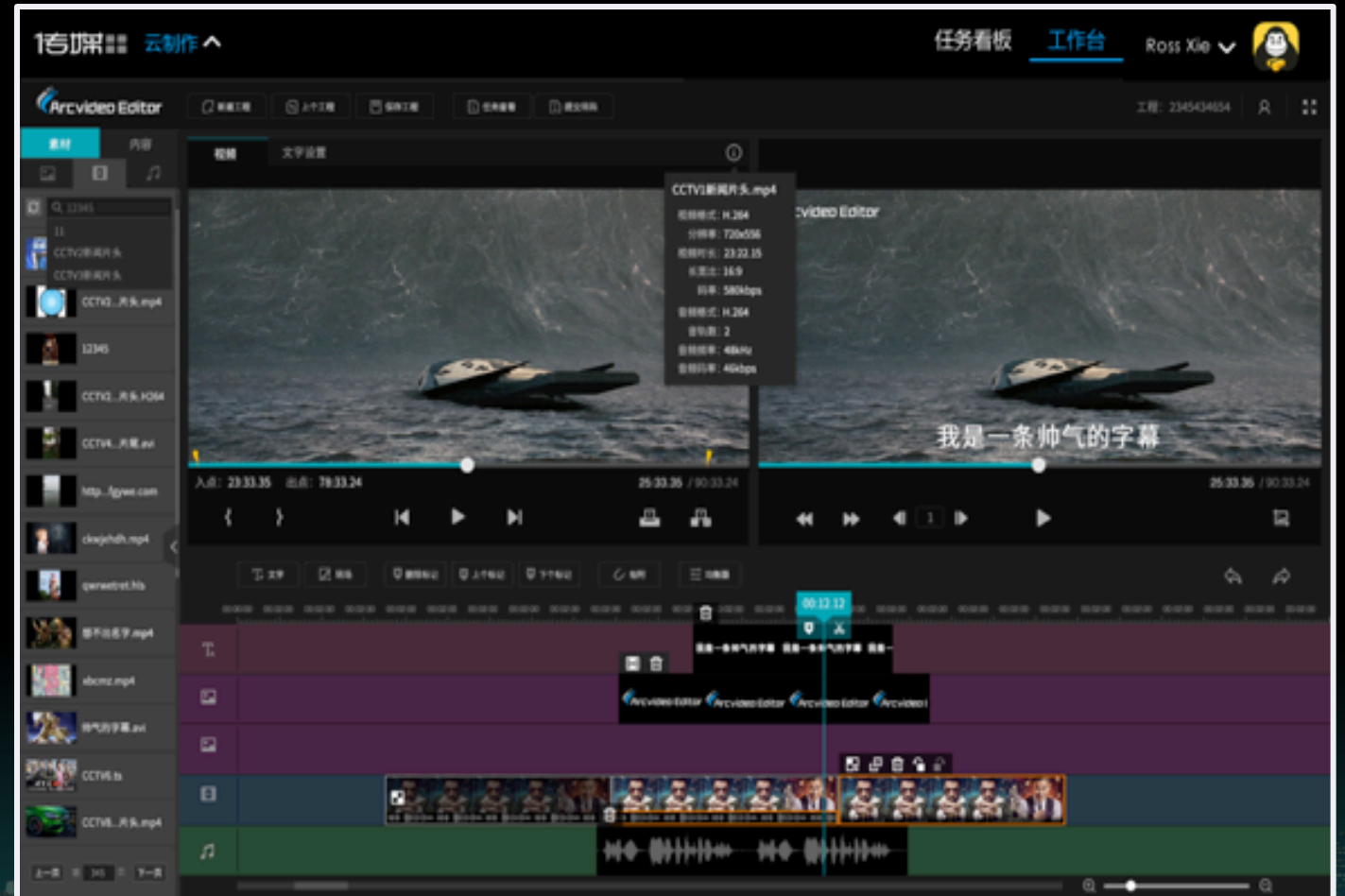
- Large scale conferences
- Enterprise training
- Live streaming of events
- Online live streaming
-



Cloud Quick Editor

Support online fast editing of live streaming, quick generation of on-demand videos, and the ability to perform secondary editing on the generated video files.

- Support 4K video
- Multi layer image and text processing and multi screen content production
- On demand playback, playback, sorting, splitting, merging
- Online real-time streaming editing, fast editing of short videos

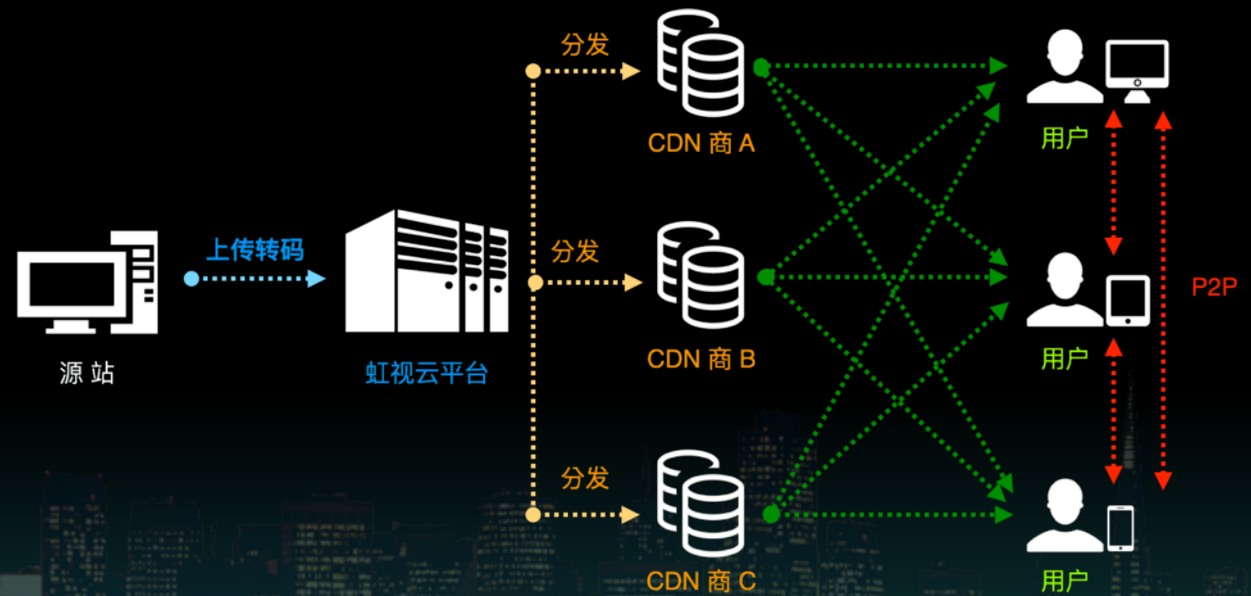


Superb network coverage capability

Connect to multiple top CDNs for accelerated distribution, with edge nodes covering all corners both domestically and internationally! The player collects network information, develops a self-developed intelligent scheduling system, and has the shortest and most stable link connection! Covering multiple small network operators nationwide, ensuring the accuracy of content delivery in remote areas! The lowest average lag rate in the country is below 1.2%!

Ultra low latency:

- HLS delay below 10s
- RTMP is below 2 seconds!
- Seconds on!



Full terminal player

Full terminal, supporting various mobile devices/set-top boxes/HTML5; Multi protocol and full format support Supports VR/3D/180 degree VR+3D

- Zoom Play
- Live broadcast time shift playback
- Flexible deep customization
- Intelligent scheduling



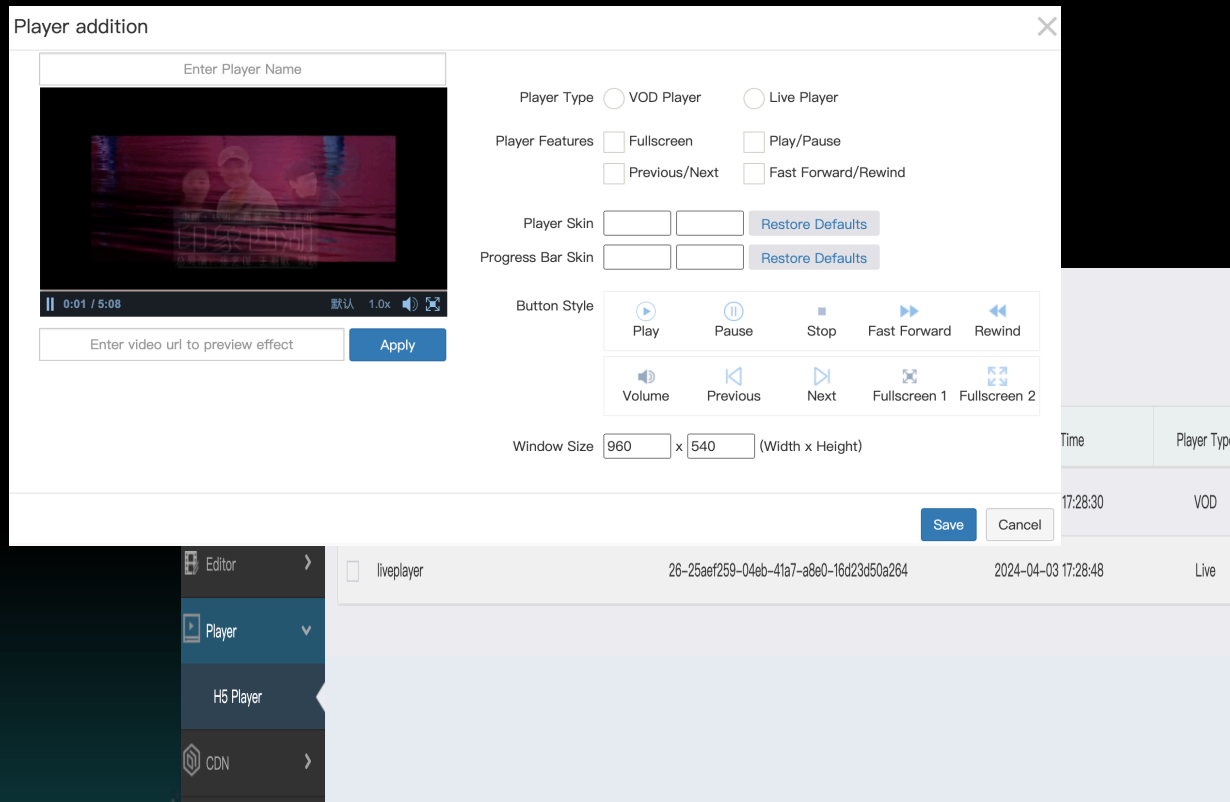
Visual H5 Player Editor

Visualization interface definition function

Define player templates for different purposes, such as live streaming, on-demand, and TV series.

Customization of functions, allowing for visual definition of player interface colors, timeline, and function buttons.

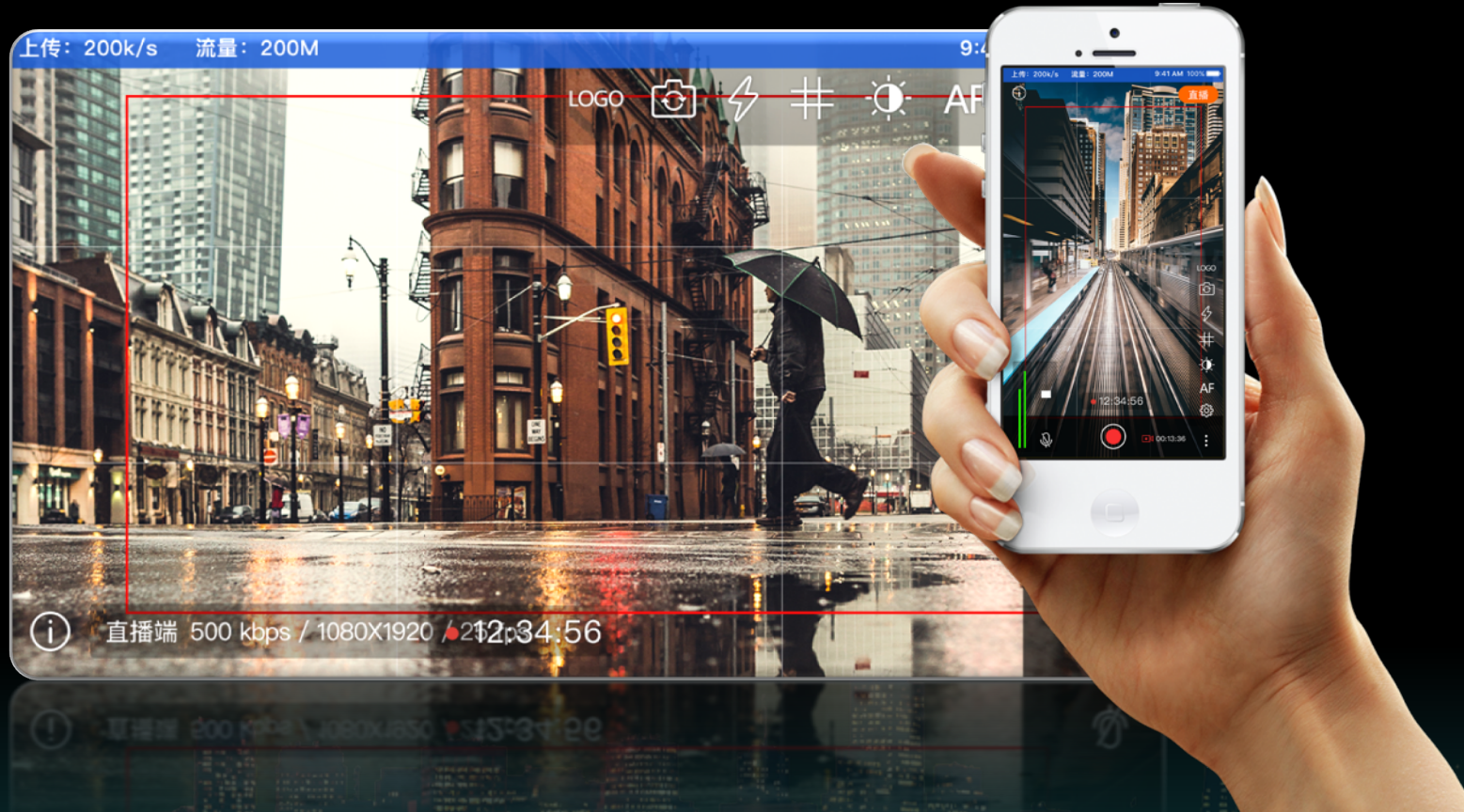
Customize the display content of the logo, logo, opening and ending.



Provide mobile live streaming tools

Provide mobile Android and iOS live streaming app streaming tools, which can record or live stream programs anytime, anywhere through mobile terminals.

The platform provides mobile SDK and APP demo to quickly integrate and launch your system.

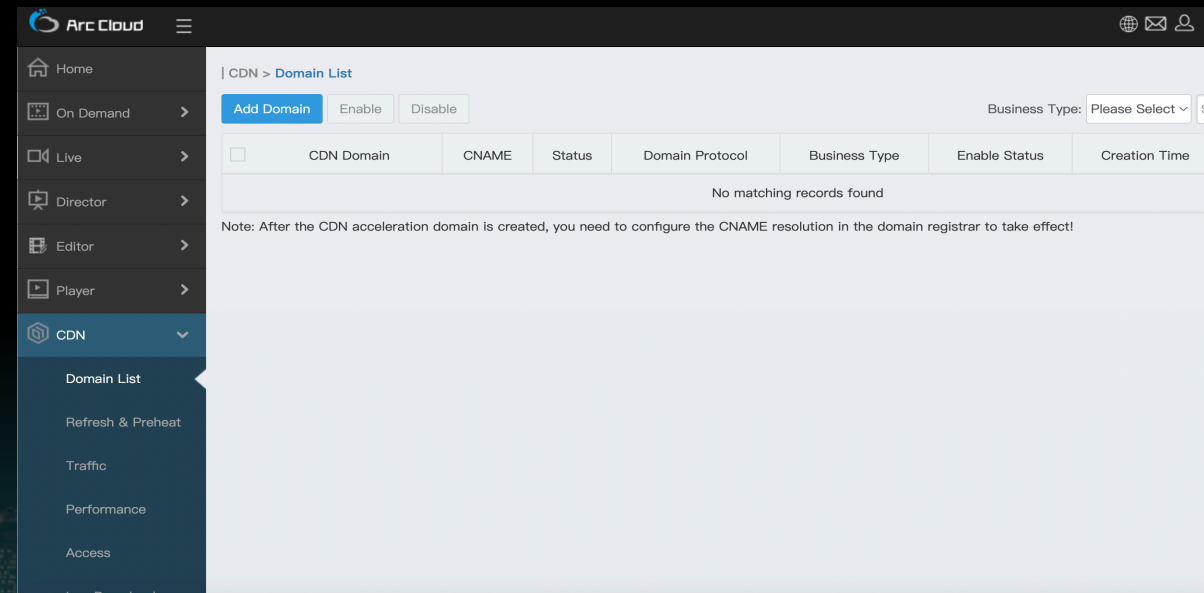


Fusion CDN

Integrating the advantages of high-quality cloud nodes with mainstream domestic CDN manufacturers, fully self-service domain name configuration, management, file preloading, refreshing, and other operations, it can independently achieve page, download, video direct, and on-demand acceleration services, which is convenient and fast.

Application scenario:

- Radio and Television New Media
- Enterprise
- Internet
- Media
- Government
- finance



THANKS !

<https://io.daghongyun.com>