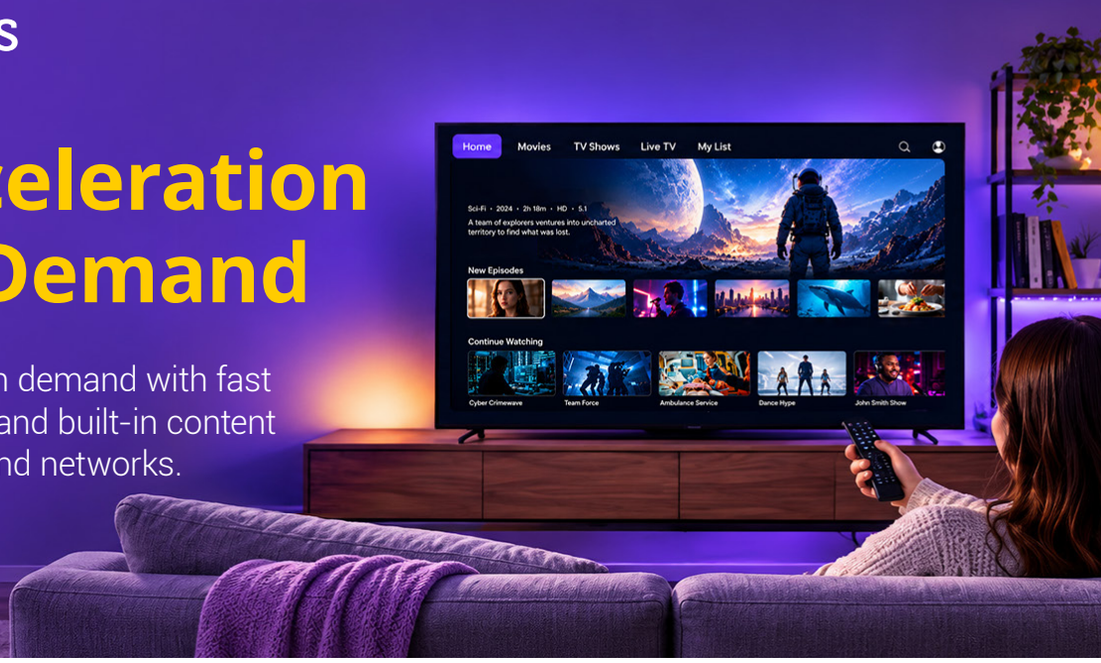
CDNetworks

Media Acceleration Video on Demand

Deliver high-quality video on demand with fast playback, global scalability, and built-in content protection across devices and networks.



Media Acceleration Solution for Video on Demand

CDNetworks Media Acceleration VoD combines global CDN delivery with Object Storage, media processing, and security capabilities to support video delivery across devices, operating systems, and locations. It helps businesses store, process, protect, and deliver video content with fast, reliable playback for audiences worldwide.

Key Capabilities for High-Quality Video Delivery

Fast Delivery

Accelerates media delivery through CDNetworks' highly efficient CDN to provide a fast, reliable, and high-quality user experience.

High Availability

Ensures high quality of service with redundancy to provide smooth video streaming to content providers.

Security

Controls access with features such as token authentication, geo-blocking, anti-hotlinking, and IP whitelisting and blacklisting.

Robust Stream Protection

Leverages HLS encryption and watermarking to prevent video content from being illegally copied or stolen online.

Media Processing

Provides rich media processing features, including intelligent transcoding, Low Bandwidth High Definition (LBHD), AI Super Resolution, packaging, and video/audio editing.

Video Delivery for Diverse Use Cases



OTT & Streaming Platforms



Enterprise Video



Sports, Gaming & Event Replay



Online Education



E-commerce & Product Video

Superior VoD Experiences at Any Scale

Fast & Smooth Playback

Deliver video from edge locations closer to viewers to speed up startup, reduce buffering, and keep playback smooth across regions and network conditions.

Reliable Delivery at Scale

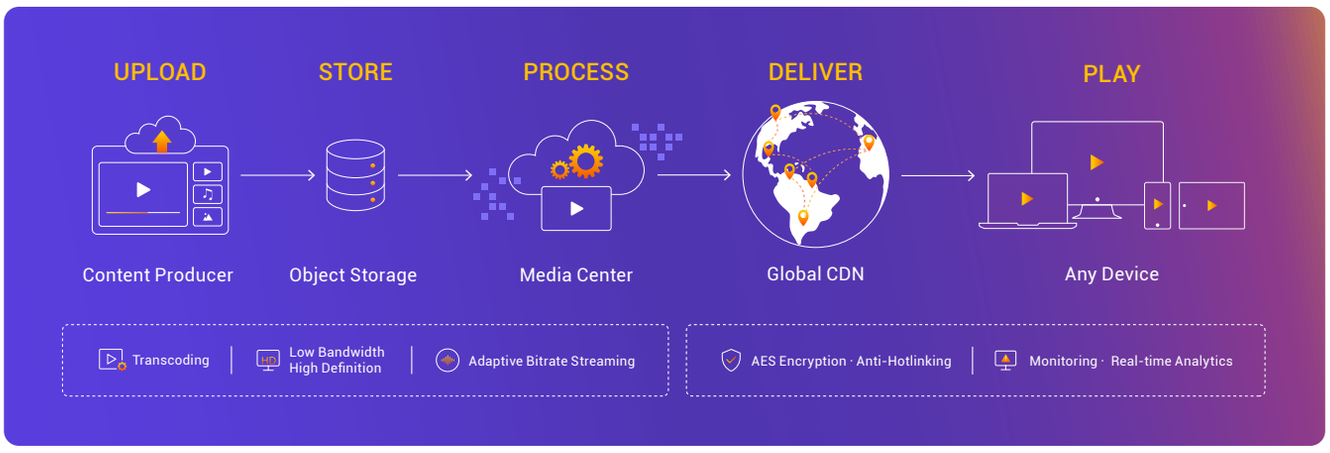
Support growing audiences and sudden traffic spikes with distributed delivery capacity, intelligent traffic management, and origin protection to maintain stable video delivery at scale.

Adaptive Viewing Quality

Optimize video for different devices, screen sizes, and network conditions with multiple bitrates, resolutions, and formats for the right quality across viewing environments.

How Media Acceleration VoD Works

CDNetworks Media Acceleration VoD helps content producers store, process, protect, and deliver video to viewers worldwide. With Object Storage and Media Center, content can be prepared through transcoding, packaging, screenshots, and video trimming, then distributed through CDNetworks' global CDN. To safeguard your content, our protection features such as AES encryption and anti-hotlinking help prevent unauthorized access and distribution, while monitoring helps identify suspicious activity and trigger alerts.



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