

# Content Acceleration

## Data Sheet

## Introduction

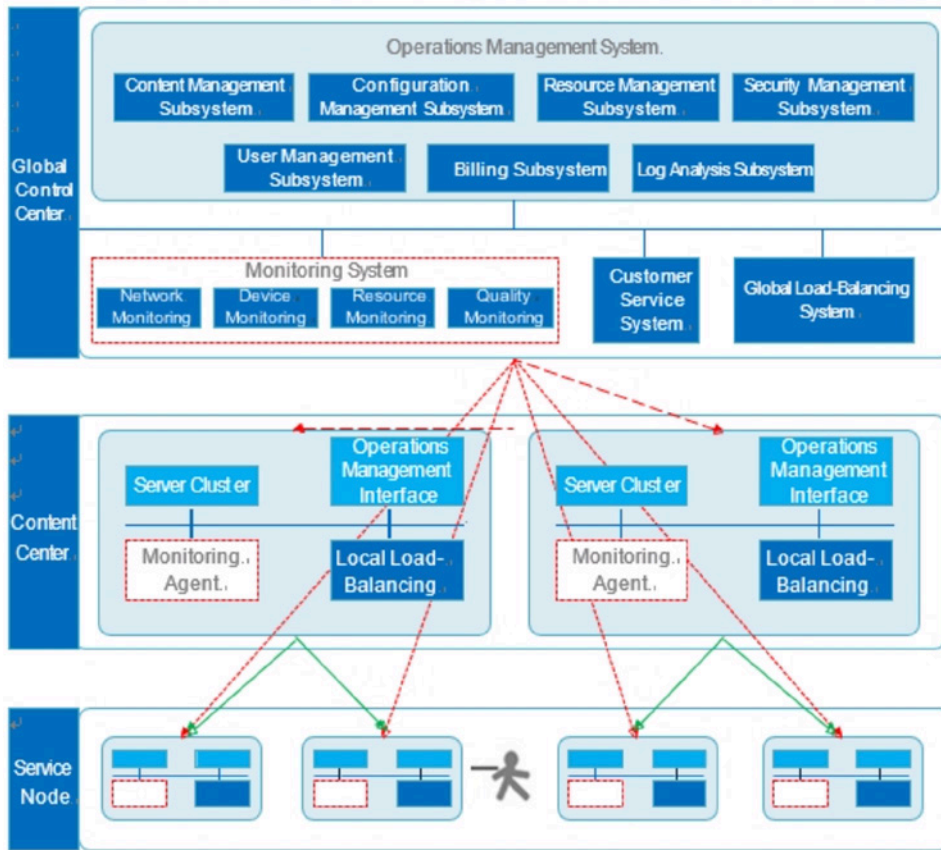
The development of the Internet is transforming our lives by changing the ways of accessing information, business transaction, exchange and communication, as well as online entertainment. At the same time, network resources are at eruptive growth. Nowadays, almost all the enterprises have built their own websites for daily operation. There are more and more types of mobile APPs, showing a diversification trend. Faced with the increasingly fierce competition in the Internet market, web developers must attach importance to page load speed and user experience in order to gain advantage in the competition.

## Content Acceleration

CDNetworks'Content Acceleration solution could solve the content distribution problem through its powerful network distribution system. Content Acceleration is focused on the static content delivery, such as texts, images, back ground music and webpages and so on. It provides a high-availability, secure and high-performance web experience, significantly reducing pressure on origin site.

## How It Works

Content Acceleration builds upon the CDN acceleration platform, composed of network nodes deployed around the globe to establish a three-layer service architecture which includes global control center, content center and service nodes. Therefore, it enables customers' websites to provide rapid, stable and secure webpage content acceleration. The architecture of the platform is as follows:



## Key Features and Benefits

Feature	Description	Benefit
<b>Transmission Optimizing</b>	Optimize the transmission from scheduling, protocol and routing	Improve performance at transmission layer
<b>Content Management and Access Control</b>	Cache the content and intelligently manage content by regional content adaption, geo-blocking, purging and prefetch	Optimize the response time and web performance, and offload the origin pressure
<b>Origin Reinforcement</b>	Control the back-to-origin rate by sequential back-to-origin, implement instant switchover when default origin fails, and monitor the origin status	Guarantee the origin operation and ensure the business



Feature	Description	Benefit
<b>Mobile Acceleration</b>	Optimize the website by FEO, process image for user terminal adaption, and cache image in edge to improve mobile performance	Enable predictable application performance for end users
<b>Business Guarantee</b>	Provide hot linking prevention and real-time monitoring	Prevent illegal content stealing and malicious linking, and guarantee stable service quantity
<b>Fast Implementation of New Protocol</b>	Act as an efficient front-end processor to manage SSL connection and requests	Fast meet user requirement on protocol, save the time and cost on website reconstruction
<b>Considerate Service</b>	Provide advanced analysis data of portal for traffic report viewing and provide log for detailed analysis	Convenient access to viewing traffic information, analyze business and issues

## 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](http://www.cdnetworks.com).