

Content Delivery Network (CDN) Service

Future proof advanced content delivery



Advanced Delivery

Tata Communications has partnered with BitGravity to provide one of the Internet's most advanced Content Delivery Network (CDN) services. We enable media, web properties and software companies to easily outsource their distribution of video, pictures, music, games, downloads, and multimedia applications over the Internet. By utilizing our services, your organization can avoid the challenges of scaling infrastructure and focus on the competencies central to your business.

Progressive Features

Distributing video to your end-users is half the battle. Providing them with an engaging experience over an interactive medium is where we take the lead. Standard to our offering, Tata Communications' CDN requires no client downloads - eliminating the burden to end-users common in streaming platforms. Capabilities such as fast forwarding, cache clearing, resolution switching, and throttling are just a few of the many easily implemented features we provide. Build a more robust and engaging application into your Flash player by utilizing our tools.

Future Proof

We chose to set our delivery platform free from legacy 'reverse proxy-caching' and older DNS-based node selection mechanisms. We believe this is the only way to meet our customer's most demanding needs, and future

proof our content delivery platform against past limitations, setting quality and performance expectations to a whole new level.

Future proof means our services are IPv6 compliant - no exceptions. Our CDN relies entirely on our IPv6/IPv4 dual stack IP core network. Tata Communications' CDN architecture has been designed to minimize the challenging efforts of IPv6 migration.

High Performance and Reliability

The benefits of our delivery network extend beyond scaling your business. BitGravity's new era delivery system has been closely integrated with Tata Communications' Tier-1 IP Network, to provide the highest possible performance and reliability in the industry. We provide immediate access to your content along with the highest levels of throughput for your end-users.

Tata Communications is the only CDN provider with a truly global owned network. Our wholly-owned and centrally-managed network circles the globe, assuring there will always be a path to your content. Building on our Tier-1 carrier expertise and industry knowledge, we designed our CDN offer to reflect the highest levels of resiliency. World-class reliability and performance are not optional, they are standard.



IP
Content

CDN Service



Key Benefits

Industry Leading Performance

Video start time across our platform, on average, is four times faster than the rest of the industry, while throughput of assets delivered can see ten times the improvement over existing solutions.

Highly Scalable and Reliable

Our clustered system has been designed to increase capacity without bottlenecking. Additional capacity can be added immediately without impact to the integrity of the network. Even in the event of a node failure, our service avoids jeopardizing the system's ability to continue content delivery.

Extensive Peering Relations

Only a Tier-1 provider like Tata Communications can provide and maintain the best route to the end users. Imagine content delivered faster with no congestion towards virtually any Internet service provider in the world, a reality that has always been at the core of our activities, and now powers our CDN offer.

Video Broadcasts

Even the most difficult formats, such as High Definition Video, play immediately, uninterrupted on our platform. Our advanced progressive features enable capabilities that are unique to our platform without requiring a client download.

Live Content

We bring you the first cost-effective, carrier-grade, live broadcasting solution to enable media companies to broadcast live content over the Internet to millions of viewers in a high-quality, highly-reliable experience that rivals television. We provide you with a streaming service that has been greatly simplified and improves upon current system architectures and underlying streaming methodologies, by removing the need for expensive hardware and proprietary software.

Protecting Your Media Assets

We offer a suite of products that enable Internet media properties to protect their copyrighted content from the growing number of pirating technologies, without disruption to the customer's experience. Our security suite is more effective, requires less overhead, and is more cost-efficient than any other solution. We provide the ability to eliminate content caching, prevent copying of streams, and limit access to content, all without requiring special software downloads.

For more information on Content Delivery Network, please visit cdn.tatacommunications.com
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www.tatacommunications.com