

# Content Delivery Network (CDN) Service

## First and most advanced IPV6/IPV and CDN



### Advanced Delivery

Tata Communications has partnered with BitGravity to provide the Internet's first and most advanced IPv6/IPv4 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 an engaging experience over an interactive medium is where we take the lead. Capabilities common in streaming platforms that burden end-users with client download come standard with our offering requiring no client download. Capabilities such as fast forwarding, cache clearing, resolution switching, and throttling are just a few of the many easily implemented features that we provide. Build a more robust and engaging application into your Flash player utilizing our tools.

### Preferred IPv6 Services

With Microsoft™ Vista operating system deployment, any IPv6 content owner will have a privileged delivery channel to distribute. Vista uses IPv6 by default giving preference to IPv6 accessible information.

### High Performance and Reliability

The benefits of our delivery network extend beyond scaling your business. Powered by BitGravity's next-generation network, our services provide you with the highest performance and reliability in the industry. BitGravity's advanced technologies translate to immediate access of your content and the highest levels of throughput for your end-users. Even the most demanding media, such as High Definition Video, is delivered without any lag or jitter.

Equally important, our service operates with the highest levels of reliability, designed to ensure that your mission-critical applications will always be operational even under challenging circumstances.

### Key Benefits

#### Industry Leading Performance

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



## CDN Service



### Highly Scalable and Reliable

Our clustered system has been designed to increase capacity without bottlenecking. Increased capacity can be added immediately without impact to the integrity of the network. Failure of a node may occur, however, our service avoids jeopardizing the system's ability to continue content.

### Taking ARPU Farther

Our solutions offer you the highest levels of performance and reliability while improving your bottom line.

### Flexibility

For larger customers, our platform is flexible. We can accommodate custom features and requirements that may be particular to your business or customers.

### Extensive Peering Relations

Our network is ranked in the top ten for all global autonomous systems with more than 160 peering links providing 150 Gigabits of peering connectivity, enabling single and direct hop access to all routes.

### Video Broadcasts

Even the most difficult of formats such as High Definition Video play uninterrupted and immediately on our platform. Our advanced progressive features enable capabilities that are unique to our platform requiring no client download. Our solutions group can work with you to help you with customized Flash players, encoding, full screen resolution, and high definition.

### Meeting Your Most Challenging Needs

We provide scalable, high throughput file download services for software companies wishing to push updates and patches for media companies needing to scale their delivery of Podcast downloads and media assets. It is challenging for any one company to build infrastructure to support the global access and traffic spikes common in this space.

### Application Acceleration

Clients utilizing AJAX, CSS, and/or Flash can experience undesirable delivery and application startup. Deploying your applications through our fast delivery platform will ensure that your startup times are reduced.

**For more information on Content Delivery Network, please visit:**

[www.tatacommunications.com/contact](http://www.tatacommunications.com/contact)

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