



NETWORK SERVICES : CDN WITH MANAGED DDoS PROTECTION

CARRIER GRADE AND THEN SOME

**DELIVER CONTENT SECURELY, QUICKLY
AND RELIABLY TO ANY DEVICE, AT ANY
TIME, ACROSS THE GLOBE**

The recent exponential growth in cyber-attacks and malicious traffic has made it a necessity to secure existing web services and provide an iron-clad content delivery network. Tata Communications has responded to this growing need with a seamless one-stop solution to deliver the most secure and highest quality end-user experience via a world-class CDN and integrated DDoS mitigation technology.

- **Tier 1 ISP - We peer with EVERYONE** CDN and mDDoS nodes deployed over Tata Communications' Tier 1 IP network, leveraging reach into over 200 countries and peering with leading ISPs across the globe
- **Industry-leading ability to handle spikes** Our huge backbone capacity enables us to easily handle spikes in traffic – both legitimate (delivered through the CDN nodes), and malicious traffic (detected by our DDoS nodes)

GLOBAL SCALE. DIRECT CONNECTIONS

Our CDN architecture and global network is uniquely engineered to reach both emerging and developed markets directly and quickly, offering the most direct routes between your content and end users. We've strategically located our CDN nodes in or near the major traffic hubs and major gateway points on the global IP network. These nodes or edge servers are highly dense with massive storage, delivery and caching capabilities. Most of them are housed in our own data centres and are influenced by the tight relationship with our IP backbone – providing the fastest access to customers and peering routes.

INTEGRATED SECURITY

Although most CDNs are equipped with adequate capacity to absorb small and medium-sized DDoS attacks, our CDN offers anti-DDoS capabilities unmatched in the industry. These include:

- Bespoke protection for both edge nodes and your origin server, so you don't pay for carriage of attack traffic on the CDN
- Access to 17 DDoS scrubbing farms that clean DDoS traffic closer to the source - before it hits the CDN (One AS hop principle)
- A Tier 1 network with more than adequate capacity to mitigate even the largest attacks - ensuring zero impact on your CDN traffic

WHAT MAKES TATA COMMUNICATIONS DIFFERENT

Tata Communications' global infrastructure ensures the most secure and highest quality end user experience, offering significant advantages in terms of cost, reach and performance compared to other CDN offerings. Our carrier-grade solution is powered by Tata Communications' Tier 1 IP network, the top 5 in 5 continents with 24% of the world's internet routes on the network. We offer a holistic service consisting of multiscreen delivery, flexible cloud storage options, high content security, 24/7/365 support, and a complete suite of Media and Enterprise solutions. No other CDN offers a stack this complete – security, hosting, IP transit, colocation and cloud connectivity.

RECOGNISED INDUSTRY-WIDE

- 'Leader in the Gartner Magic Quadrant of Global Network Services Providers' for the second year in a row
- Winner of the Judges' Choice Award at the Capacity Magazine 2014 Global Carrier Awards

KEY CDN SERVICES:

Whole Site Acceleration

Boost website performance by storing and delivering content on the edge – over any device, anywhere in the world

Electronic software delivery

Ensure speedy downloads with high completion rate and the flexibility to quickly scale to meet demand - whether it's an anti-virus patch or software update

Live streaming Offer the highest quality streaming experience, across protocols and devices, ensuring superlative performance in both emerging and developed markets

Video on Demand Provide lag-free video delivery across one of the world's largest Tier 1 networks for unsurpassed scale, reliability and performance

Online Video Platform An end-to-end platform for all video requirements throughout the content lifecycle – from content

WE GIVE YOU THE SPEED TO LEAD™

Tata Communications is the Official Connectivity Provider of Formula 1® and Official Web Hosting and Content Delivery Network Provider of Formula1.com

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