Tata Communications Content Delivery Network

Seamless, secure content delivery on a fast, smart, and edge programmable CDN

Online digital experiences play an increasingly crucial role in the long-term success of companies today. However, businesses face many challenges when creating memorable digital experiences. Slow and unreliable content delivery, an ever-increasing number of cybersecurity threats, and demand spikes can get in the way of ensuring a smooth digital journey.

Tata Communications Smart Content Delivery Network

Tata Communications smart CDN helps organisations deliver their content securely in the fastest time possible. Our programmable edge computing capability allows organisations to quickly enable new and innovative CDN use cases at the edge, while our APIs and self-service portal simplify the configuration and management of the CDN with real-time insights.
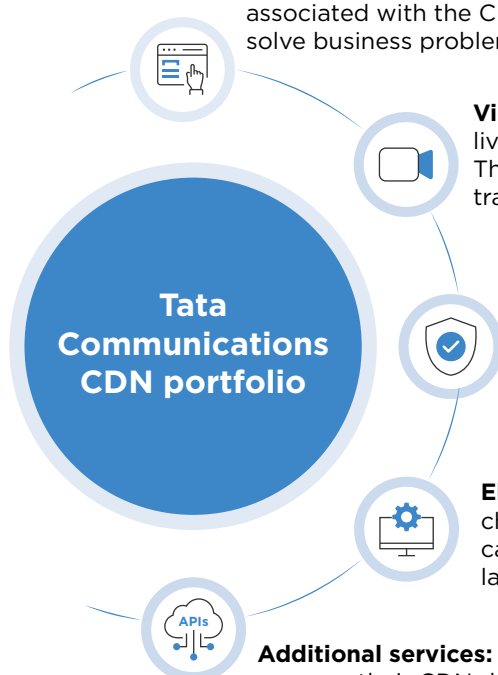
Programmable edge compute: Tata Communications programmable edge computing allows organisations to build highly agile, globally distributed execution capabilities at the CDN edge without having to manage the underlying infrastructure. It provides runtime JavaScript engines associated with the CDN edge so that enterprises can quickly create and deploy code at the edge to solve business problems and respond to business needs.

Video delivery: Our robust video delivery platform enables efficient delivery of live and video on demand (VOD) content with quick start-up and zero buffering. The platform also provides comprehensive capabilities that support transcoding, transmuxing, storage and distribution of video content.

Tata Communications CDN portfolio

Secure content delivery: The smart CDN seamlessly integrates with DDoS, WAF, Bot management, and DNS security controls to provide additional security for businesses to stay safe online. Using Tata Communications smart CDN, organisations can detect and mitigate volumetric attacks, protect web applications, stop bad bots before they negatively affect customer trust and secure the DNS infrastructure from cyberattacks.

Electronic software delivery: Tata Communications CDN helps eliminate the challenges associated with reliable software delivery. It provides an efficient caching infrastructure along with a high throughput architecture to ensure that large files are consistently delivered with a high degree of accuracy.

Additional services: Our APIs are comprehensive and equip organisations to control, configure and manage their CDN delivery. The Business Intelligence module helps enterprises uncover trends in consumption data, allowing them to make better business decisions. We also provide customer support through multiple channels, including phone, email and text, based on our customers' needs and preferences. A highly resilient and geographically distributed enterprise grade storage provides businesses with the ability to store their CDN related content, for fast access and reliable delivery.

Components of the Tata Communications CDN portfolio

Edge	Security	Video/Content	Additional services
Whole site acceleration	Bundled security DDoS, WAF & BOT management	Live streaming & VOD	Flexible cloud storage
Programmable CDN	Anti piracy bundle	App delivery/large file downloads	Managed DNS Service
Image/video optimisation	Certificate management	Transcoding & VOD	24x7x365 live support

Extensively rich API

Business intelligence and analytics

The Tata Communications Content Delivery Network advantage

- **Top performance:** Tata Communications CDN Edge offers superior performance: 20ms for 80% of India's population, 30ms for North America and Europe, and 40ms for Asia*.

- **Agility at the edge:** Our programmable edge computing capability empowers organisations to run their workloads at the edge and tailor the content delivery to meet specific content delivery needs.

- **Secure content delivery:** Our CDN solution is seamlessly integrated with DDoS, WAF and DNS security controls allowing an enterprise to protect its digital properties.

- **Reliable and scalable content delivery:** 30 super nodes support highly reliable content delivery on a Tier-I ISP network built on a global sub-sea cable structure and provides alternate routes.

- **Simplified management:** The API and self-service features help businesses configure and control their CDN delivery, while the digital platform enables rapid onboarding and consumption.

*According to Cedexis performance report based in real-time monitoring

Helping customers provide engaging digital experiences

We are highly rated by our customers:

Gartner.
Peer Insights.™

Tata Communications CDN reviews

By Tata Communications in global CDN

4.6 ★★★★½

Customer experience

Evaluation & contracting	4.6	
Planning & transition	4.5	
Delivery & execution	4.7	

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Future-proof your Content Delivery Network by switching to our end-to-end, managed and hybrid ecosystem! Talk to one of our experts today at MES@tatacommunications.com

Contact us