Unlock the Future of Content Delivery

Seamless, secure content delivery on a fast and edge-programmable CDN – Now available on LATAM's most reliable digital infrastructure provider

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.

Introducing Tata Communications Content Delivery Network – in partnership with Cirion
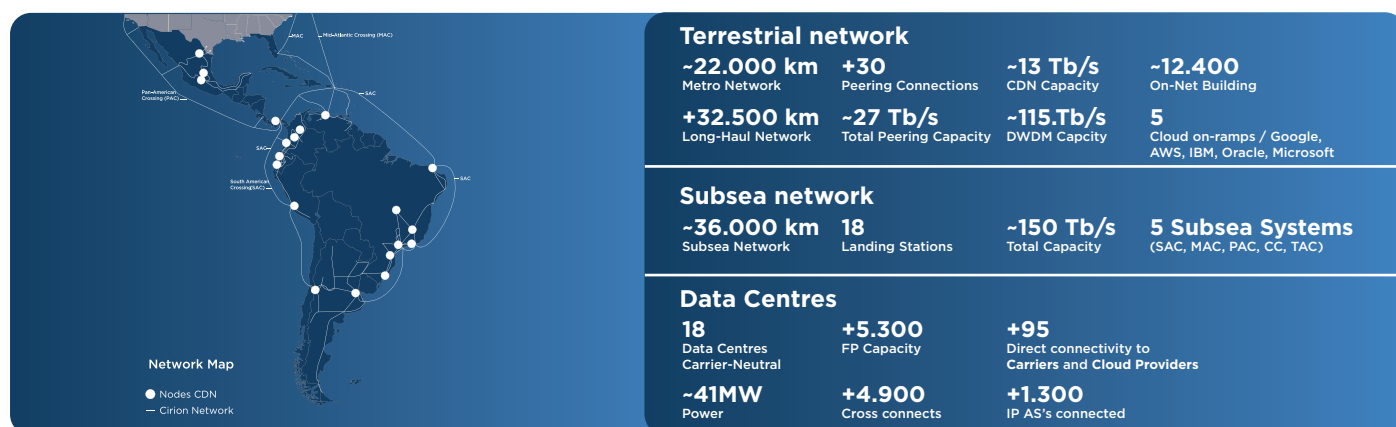
Tata Communications, a global content delivery network (CDN) provider, rated as a Global Leader in the 2023 Frost Radar™ for CDN, has entered into a strategic partnership with Cirion to expand our footprint in the LATAM region, which presents new opportunities with a wider customer base and diverse market needs. Cirion is one of the strongest digital infrastructure and technology allies in the region and we are offering a CDN that will empower the delivery of digital experiences to your customers through unmatched reliability and security. This high performant CDN platform can meet the demands of today and is ready for what the future holds.

Tata Communications' superfast, next-gen CDN hosted on Cirion's leading digital infrastructure will enable organisations to deliver their content securely in the fastest time possible.

Cirion – LATAM's leading digital infrastructure and technology provider

Cirion is one of the few pan-Latin American networks, present in 20 countries for global reach and one of the few subsea network providers. Cirion also operates one of Latin America's most interconnected data centre platforms, with 18 owned datacenters supported by multiple physical and digital security levels and redundancy that businesses require.

Cirion's capabilities

Network Map

● Nodes CDN
— Cirion Network

Terrestrial network

~22.000 km Metro Network	**+30** Peering Connections	**~13 Tb/s** CDN Capacity	**~12.400** On-Net Building
+32.500 km Long-Haul Network	**~27 Tb/s** Total Peering Capacity	**~115.Tb/s** DWDM Capcity	**5** Cloud on-ramps / Google, AWS, IBM, Oracle, Microsoft

Subsea network

~36.000 km Subsea Network	**18** Landing Stations	**~150 Tb/s** Total Capacity	**5 Subsea Systems** (SAC, MAC, PAC, CC, TAC)

Data Centres

18 Data Centres Carrier-Neutral	**+5.300** FP Capacity	**+95** Direct connectivity to **Carriers** and **Cloud Providers**
~41MW Power	**+4.900** Cross connects	**+1.300** IP AS's connected

Tata Communications CDN portfolio

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.

Secure content delivery
The 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' 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.

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

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

Others
Our comprehensive APIs 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 allows businesses to store their CDN-related content for fast access and reliable delivery.

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

The Tata Communications and Cirion Content Delivery Network advantage

Superior performance - Tata Communications' CDN Edge offers one of the best performance available in the market.

Reliable and scalable content delivery - 48 Super nodes (30 Tata Communications and 18 Cirion) with major deployments in LATAM. These support highly reliable content delivery on a Tier-I ISP network built on a global subsea 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.

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 seamlessly integrates with DDoS, WAF and DNS security controls, allowing an enterprise to protect its digital properties.

FROST & SULLIVAN

Tata Communications is a Global Leader in the Frost Radar™: Global Content Delivery Network, 2023

"Tata Communications is driving innovation to support the boom in rich media workflows and digitalisation and leveraging a robust backbone connection and a network of super PoPs to offer a compelling combination of network and layered services"

- Nicholas Baugh, Industry Analyst at Frost

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Case study - Helping news broadcaster IBC24 deliver critical reach and scalability

click here

Case study - Ensuring a smooth and faster web experience for Saregama, India's oldest music label

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