



Tata Communications Unveils Self-Healing Network, Marks New Frontier in Global Data Centre Connectivity

Descrizione

COMUNICATO STAMPA - CONTENUTO PROMOZIONALE

MUMBAI, India, March 31, 2026 /PRNewswire/ - Tata Communications today redefined resilience for the global digital economy with the launch of IZO's Data Centre* Dynamic Connectivity, a software-defined platform designed to transform how enterprises connect their Data Centres in an increasing AI driven and distributed world.

In today's digital economy, every enterprise depends on the ability to always be connected with an uninterrupted data flow. From financial transactions, IT-ITeS, Manufacturing etc. to streaming platforms and online retail, the connections between data centres keep the modern world running. When those connections are interrupted, businesses do not just slow down, they bring them to a complete standstill.

Yet the networks connecting many enterprise data centres were built for a different era. Traditional DC-to-DC links were designed for predictable workloads and stable traffic patterns. Today's reality is far more dynamic. Enterprises operate across global locations and cloud environments, moving massive volumes of data in real time to support AI workloads and business needs.

In an environment shaped by increasing geopolitical constraints, cable outages, route failures, or sudden spikes in demand, these can quickly cascade into service disruption and operational risk, leading to a costly downtime. In such scenarios, the response is often reactive and manual, consuming valuable time when business need certainty and speed.

Tata Communications' IZO's DC Dynamic Connectivity addresses this challenge by introducing a self-healing, intelligent network that covers key global data centers across 5 continents. Unlike conventional architectures, this platform uses deterministic multi-path routing to deliver predictable latency and performance. This means the platform is smart enough to automatically re-route traffic within seconds - without manual intervention during disruptions. This enables enterprises to achieve >99.99% service availability across mission-critical infrastructure that supports business-critical

applications, turning resilience from a contingency into a default state.

The platform also gives enterprises access over their connectivity. Through a unified digital interface and APIs, enterprises can monitor performance, receive proactive alerts, and dynamically scale bandwidth as workloads evolve. Business leaders no longer have to guess their future needs or over-pay for “just in case” bandwidth. The system provides AI-driven predictive insights allowing companies to forecast their capacity requirements in advance. If a sudden workload demands more capacity or choice of route, users can instantly scale their bandwidth or add route through self-service feature.

The business impact is a shift from crisis management to strategic growth. By moving to a flexible, consumption-based pricing model, enterprises can reduce the need for idle backup capacity and save up to 30% on operational costs. Enterprises can activate resilience and bandwidth only when required, helping optimise costs while maintaining deterministic performance across geographies.

This is the Tata Communications advantage: combining enterprise-grade agility with predictive intelligence to keep the world’s most important data moving and ensuring enterprises are always on and always connected.

Commenting on the launch, Genius Wong, Executive Vice President, Core and Next-Gen Connectivity Services and Chief Technology Officer, Tata Communications, said: “Data centres are the core engines of today’s digital economy, and the connections between them must be as resilient as the networks that connect them. They must be just as dynamic as the applications they support. With IZO’s DC Dynamic Connectivity, we are shifting resilience from a reactive process to an autonomous capability. By combining global reach, deterministic routing and intelligent automation, we are enabling enterprises to build a digital foundation that scales with confidence and operates without disruption.”

About Tata Communications

A part of the Tata Group, Tata Communications (NSE: TATACOMM) (BSE: 500483) is a global digital ecosystem enabler powering today’s fast-growing digital economy in more than 190 countries and territories. Leading with trust, it enables digital transformation of enterprises globally with collaboration and connected solutions, core and next gen connectivity, cloud hosting and security solutions and media services. 300 of the Fortune 500 companies are its customers and the company connects businesses to 80% of the world’s cloud giants. For more information, please visit www.tatacommunications.com

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*DC Stand for Data Centre

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