

TATA COMMUNICATIONS' DIGITAL FABRIC

Integrate | Uncomplicate | Innovate

The business landscape has undergone a dramatic shift in recent years. Ecosystems have become highly complex and interconnected, with value chains becoming increasingly non-linear. This hyperconnectivity demands seamless collaboration and real-time communication across a vast network of employees, partners, suppliers, and customers. Businesses need to rethink their digital strategies to ensure a frictionless experience for all stakeholders within their ecosystem.

However, delivering this frictionless experience is not easy as CIOs face the challenges of integrating and managing a complex array of technologies often with a mix of legacy tools and infrastructure. Additionally, data silos, fragmented systems, and disparate processes can make it harder to deliver omnichannel, contextual interactions. Add to it the ever increasing security and privacy concerns.

Tata Communications' Digital Fabric aims to address these challenges by offering a unified platform that simplifies management, enhances visibility, and provides a secure foundation for building hyperconnected ecosystems.

The world is becoming increasingly hyperconnected

5.4 Bn

Internet users
in 2023¹

6.7 Bn

Smartphones
in 2023²

\$1.3 Tn

Cloud computing
market by 2028³

\$8.0 Tn

Global ecommerce
sales by 2027⁴

32 Bn

IoT Devices
by 2030⁵

¹ITU, ² Statista, ³ MarketsandMarkets, ⁴eMarketer, ⁵Statista

Digital Fabric

Tata Communications' Digital Fabric includes infrastructure, platform and tools brought together through an orchestration layer to enable better visibility, control and manageability across the IT landscape. It enables:



Improved experiences: Seamless interactions between employees, customers, partners, and other stakeholders.



Enhanced security: Provides a secure-by-design approach to protect your digital infrastructure.

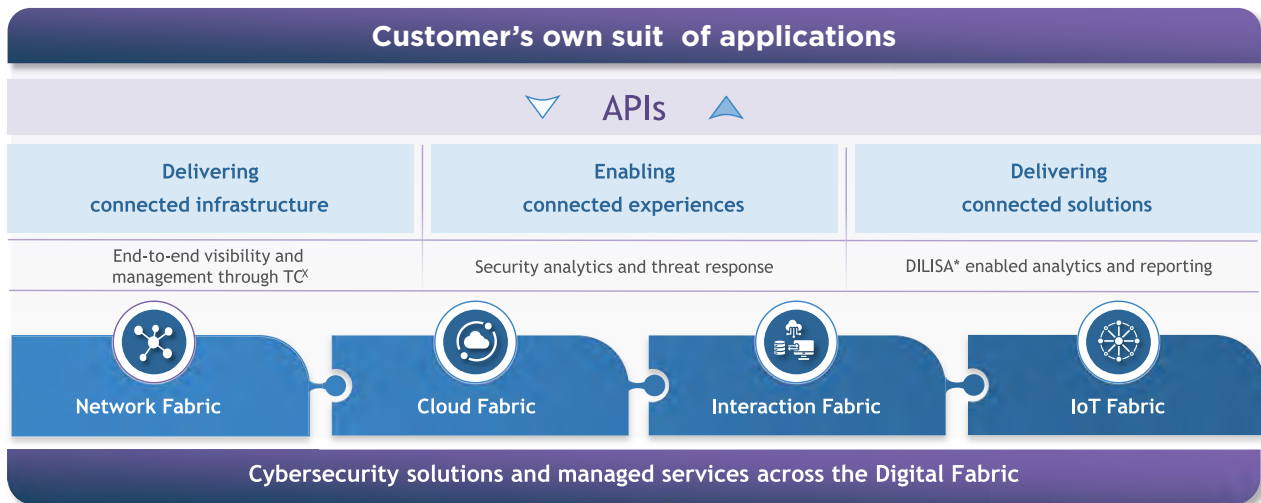


Reduced complexity: Integrates disparate tools and systems for easier management.



Scalability: Designed to adapt and grow as your business needs evolve.

Our Digital Fabric enables integration and simplification of the technology foundation for hyperconnected ecosystems



*Device Intelligence, Location Intelligence and Situational Awareness

Components of the Digital Fabric



Network Fabric: Provides a right-fit, resilient, and programmable network with global reach. It includes our global network infrastructure made programmable through on-demand capabilities, Managed LAN and WAN solutions like managed wifi, SDWAN and integrated network and security through our managed SASE offering.



Interaction Fabric: Enables intelligent, seamless, and scalable interactions across various channels. Our interaction fabric enables customer interactions through the entire lifecycle- from marketing, sales and transactions to service through our CPaaS and CCaaS capabilities. It also powers workforce collaboration through our UCaaS, cloud voice and cloud calling solutions.



Cloud Fabric: Offers purpose-built cloud solutions for ease of use, ease of scale and greater control. Our cloud fabric includes our IZOTTM Cloud Platform with services such as Kubernetes, Analytics, API Gateway and DBaaS. It is all brought together through a single pane of glass for easy orchestration and visibility. We also offer purpose built solutions for regulated sectors like government and BFSI and for critical workloads (Like SAP HANA).



IoT Fabric: Provides a simple, smart, and secure way to connect and manage IoT devices. Our IoT fabric provides access-agnostic connectivity, devices, data management and analytics, zero trust network access and end-point security solutions.

This Digital Fabric is secure by design and is bolstered by our end to end managed services



Cyber resilience: Tata Communications offers a comprehensive security solutions to protect your digital assets from Cloud to Edge.



Managed services expertise: We provide design, deployment, and optimisation services across the entire lifecycle to ensure you have a performant, resilient and optimised IT foundation. Tata Communications' Digital Fabric helps businesses thrive in today's hyperconnected world by simplifying complexity, improving experiences, and enhancing security.

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For more information, click here

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