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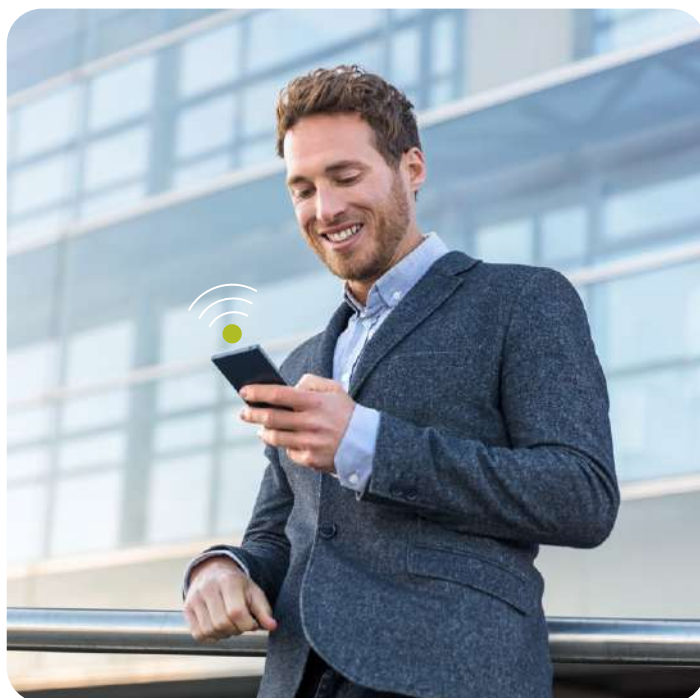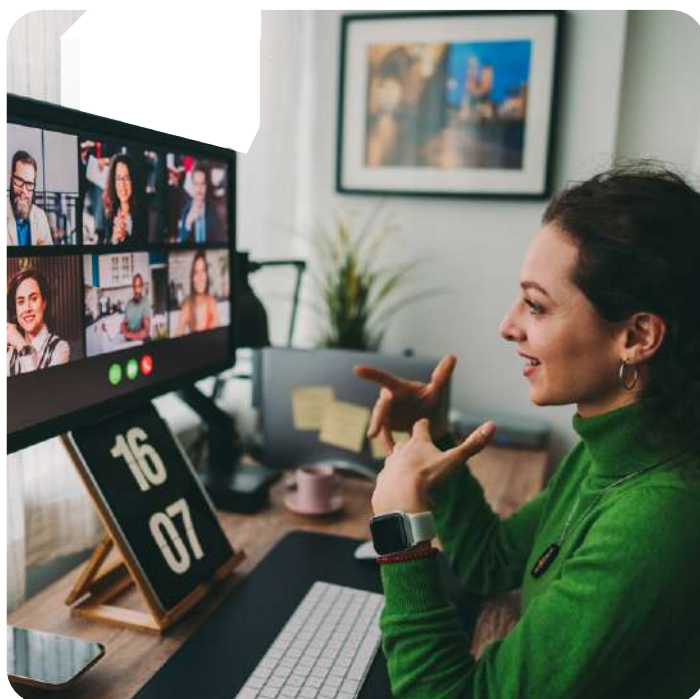
Your critical foundation for successful network transformation

At a glance

Introduction

Enterprises today have become more agile and digital. Services such as cloud computing, mobility and digital business processes moved the internet to the top of the list of enterprise priorities. **Gartner predicts that cloud deployments of mission-critical applications will drive 30 percent of enterprises to enhanced internet services by 2023, up from less than 1 percent in 2020.** The nature and volume of business network traffic usage have undergone a significant transformation, fuelled by the move to cloud and the increased mobility of workforces globally.

It's a cloud-first & internet-first world

The increasing use of SaaS applications and IaaS workloads means enterprise networks are undergoing huge transformation. One classic case is MPLS. Using an MPLS connection to backhaul all cloud endpoint branch traffic to the on-premises data centre has become almost obsolete. This is because it results in latency and network congestion, and consumes high cost MPLS bandwidth. The need for cloud-first and internet-first network solutions has therefore gained prominence. However, enterprises must conduct due diligence and factor in a number of considerations before setting off on their network transformation journey if they are to deliver desirable outcomes from solutions and services.

Key underlay requirements to consider for your enterprise network transformation journey include:

Consistent network performance plus end-to-end service level agreements

While the network performance metric is often overshadowed by price when it comes to choosing a network provider, you'll only be able to meet your business goals if your network has predictable routing and dependable targets/service level agreements.

A network ecosystem with the right footprint for cloud

As you're putting significant investment into your cloud strategy, it's clear that your ecosystem should also be in alignment. This applies to network providers, so you should always choose a partner who has a high level of cloud strategy deployed. This will allow you to navigate your business strategy with synergy.
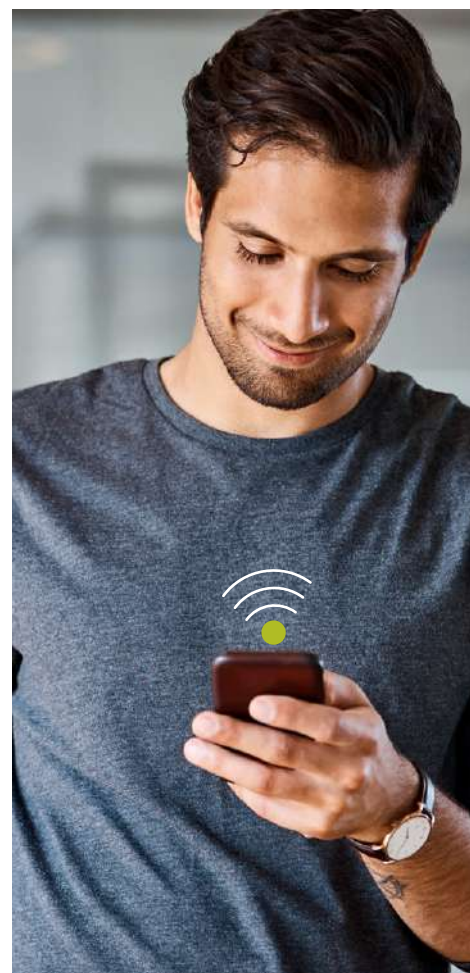
A service which delivers global coverage alongside easy local access

Benefits such as efficient provisioning time, support for a greater number of connections and better end-to-end performance at a competitive price demand partnerships with a global coverage provider that's also locally accessible.

A predictable internet service that enables businesses to experience the best performance, security, flexibility and predictability

Prolonged latency and packet loss often undermine your customer's satisfaction. The need for a dependable service and a strong operational support is non-negotiable when it comes to sourcing the best connectivity experience.

Tata Communications - IZO™ Internet WAN

Tata Communications IZO™ Internet WAN fulfils an important role in your organisation's network transformation journey. With IZO™ Internet WAN, you can ensure global connectivity with predictable and dependable performance, along with simplified management – regardless of location for both users and applications. To address this shift, Tata Communications is expanding its IZO™ Internet WAN use-case capabilities to accelerate the enterprise network transformation journey.

Our value proposition covers the following key use cases:

Secure & private cloud connectivity

IZO™ Internet WAN with network edge-to-cloud solution facilitate multi-cloud connectivity with a single edge node close to the cloud. We provide premium performance and SLA with deterministic routing and a private, connect-to-cloud capability.

Dependable local broadband service

With our standard and basic IZO™ Internet WAN versions, customers can now experience improved productivity with better network performance. Critical dependant services benefit from higher availably and shorter downtime.

Enhanced performance to access public cloud

IZO™ Internet WAN and IZO™ Network Edge scale network connectivity performance through enhanced internet with site-to-cloud security, flexibility and predictability. This also enables remote locations to connect to public cloud and SaaS providers.

Internet with mpls like quality enabling site to site predictability

Leverage private network-like connectivity with global, enhanced internet that delivers security, flexibility and predictability. A deterministic routing feature and end-to-end SLA for site-to-site connections mean a best-in-class internet service for enterprises.

IZO™ Internet WAN Variants

IZO™ Internet WAN variants include:

Enhanced and essential	Standard & basic
• Offering global reach with availability in 150+ countries plus deep reach into other countries through ISP partners • Efficient deployment in weeks rather than in months – with 30 percent savings in total cost of ownership • Predictable performance as it delivers a guaranteed, end-to-end SLA, with predictable routing and consistent network performance.	• Offering higher availability with dependable services with SLA or SLO on service availability backed up by our stronger operation & routing interlock with our partners for deeper visibility and control • Improved productivity with better performance. In the event of prolonged network latency or packet loss, we can work with our partners to revisit routing practices.

IZO™ Internet WAN Basic now brings you broadband connectivity that offers a fast, flexible, dependable and consistent service experience on a global scale with no data limits. This adds up to better connectivity when compared to local providers.

Conclusion

IZO™ Internet WAN now brings you network connectivity that offers fast, flexible, dependable and consistent service experience on a global scale with no data limits. We also offer access to curated IZO™ Internet WAN partners from 150+ countries on our IZO™ Internet WAN platform, most of them connected through our global IP backbone to help your business operations run efficiently.

Global reach

- Azure, AWS, Google, Oracle, IBM in 22 cities
- 150+ countries, 90+ partners

SLA and traffic measurement

- Connected to exchange providers for on-demand access to serval additional clouds

Performance

- Security, low latency and high performance

Acclaimed

- Highly rated service, cited in Gartner Magic Quadrant

Self service and automation

- Customer self-service ordering
- Delivery automation (roadmap)

Flexibility

- Internet connection via Cloud gateways

Our global IZO™ Internet WAN service offers your business the security and predictability of a dependable private network alongside the extensive reach and capillarity of the Internet. We make the Internet fit for business and core to a network strategy that enables robust, cloud-first migration.

As a global service provider, we're also linked to significant regional player partnerships that offer internet-centric WAN with competitive pricing and premium support. It means we can help enterprises to navigate their network transformation journey so that customers can focus on their core business through simplified management.

For more information, visit us at www.tatacommunications.com

Contact us