

TATA COMMUNICATIONS

SASE

Carrier-grade performance,
insight-driven security, AI-led
management

Introduction

Traditional perimeter-based security models are no longer effective in a world where **users, data, and threats are everywhere**. Enterprises today face a rapidly evolving threat landscape, driven by rising insider risks, AI-amplified attacks and increasing data sprawl across cloud, SaaS and edge environments. With **malicious insider attacks leading to the highest breach costs**, and a significant number of organisations lacking visibility into where their data resides, the challenge is no longer just about protection but about control, context and continuous enforcement. At the same time, regulatory pressures and hybrid work models are dissolving traditional boundaries, while attackers exploit lateral movement and automation to scale breaches faster than ever. These challenges, coupled with operational complexity and fragmented security deployments, are accelerating the shift towards **unified, single vendor SASE architectures** that simplify operations, strengthen security and enable consistent policy enforcement across the modern enterprise.

Key highlights



20% faster, predictable end-to-end performance



Robust platform with 10k+ hours of rigorous testing



Closer to users: 15ms from global enterprises



Real time protection with 3.5TB average data parsed daily and 8k+ IOCs generated and blocked daily



99% improvement to MTTD and MTTR with home-grown SOAR platform



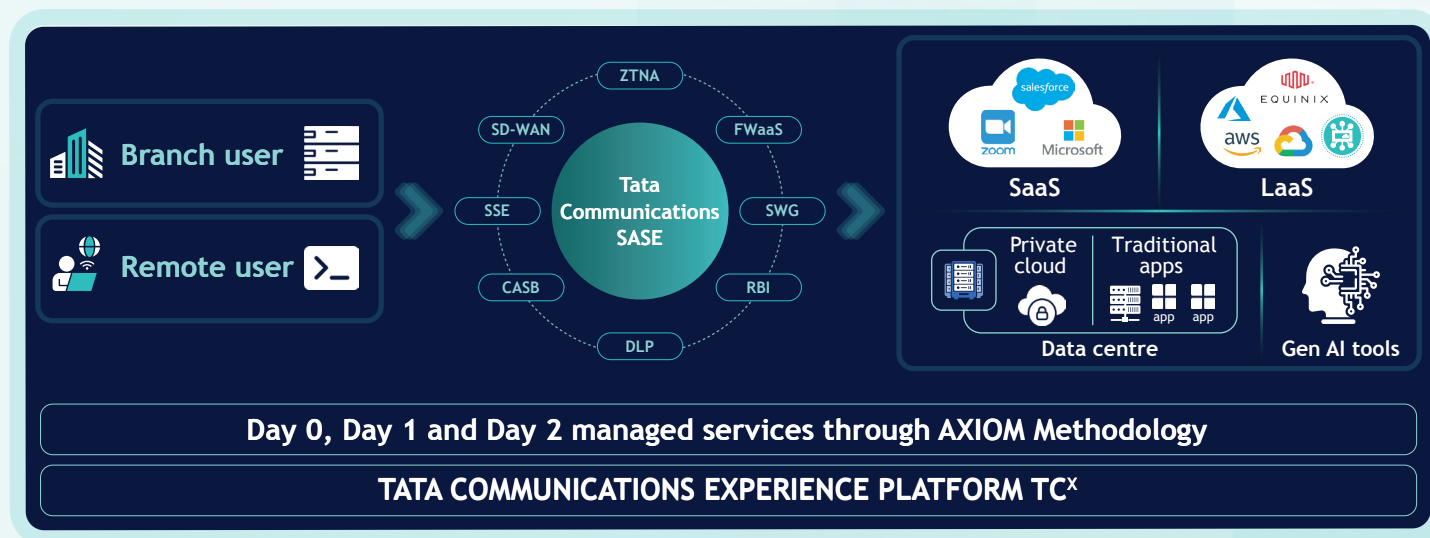
AI-powered management that assures 95% fault resolution within 6 minutes



Single vendor assuring interoperability, monitoring and troubleshooting

Solution overview

Tata Communications' SASE unifies network and security to connect, protect, and simplify, combining SD-WAN and Security Service Edge into an integrated solution to improve user experience, application performance, and cost efficiency. It enhances security with modular capabilities such as ZTNA and NGFW, while delivering unified visibility and control across users, sites, and applications through native TC^x. With purpose-built automation for scalable SASE rollouts, we support flexible single vendor (hosted) or multi-vendor (hybrid) SASE solutions, delivered through the AXIOM methodology for a tailored, simplified, and first-time-right deployment at scale.



Key features



Network-proximate architecture: SD-WAN and SASE infrastructure strategically collocated with global network PoPs to deliver secure access closer to users, improving performance and reducing latency.



Automation led delivery: Simplify migration and integration with existing infrastructure, delivering first-time-right deployment, by leveraging Tata Communications proprietary toolkits, including zero touch deployment, pre/post health checks, migration tools.



AI-driven automation and managed services: AI-powered recommender engine enables intelligent policy optimisation with single-click execution for faster response. AI-driven operations with expert assurance and AI agent-led change management ensure faster, smarter and seamless transformation.



Secure and compliant services: Managed services built on internationally recognised standards and certifications across information security services management, data privacy and protection and business resiliency.



Advanced detection and response with integrated threat intelligence: Insights from Tata Communications' global backbone combined with our native Cyber Threat Intelligence platform (CTI) and third-party feeds, leveraging SIEM and SOAR to enable faster detection, automated response and enhanced threat visibility.



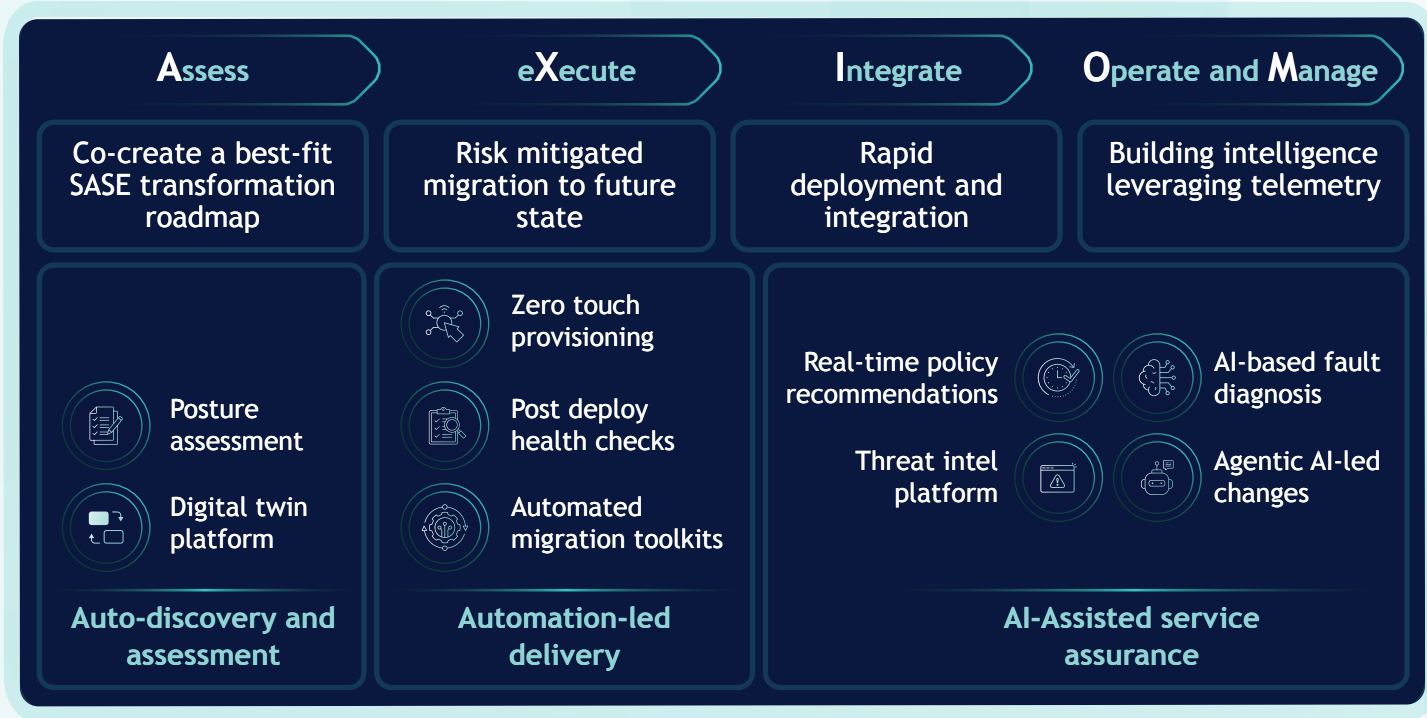
Built-in DDoS protection at scale: L3/L4 protection powered by globally distributed scrubbing centres across a Tier-1 network.



Unified visibility and control: Centralised management plane with end-to-end traffic visibility and self-service capabilities. Role-based dashboards provide real-time insights and business-level visibility tailored for IT and C-suite stakeholders.



Geo-aware localisation (GeoFlex): User-based content localisation to improve relevance while supporting data sovereignty and compliance requirements.



Customer benefits

	Better user experience	Improved security	Actionable intelligence
Platform	Carrier-grade connectivity ensures optimal, predictable end-to-end performance	Real-time protection coupled with advanced threat detection	Single-pass architecture with AI capabilities improving end-to-end visibility and context-led insights
Managed services	✓ Predictable and error-free delivery ✓ Reliable deployment with consistent configurations	✓ Real-time policy testing and validation	✓ Intelligent automation for management ✓ Consistent, best-in-class service assurance

The Tata Communications advantage



Global Tier-1 ISP carrying around 35% of the world's internet routes directly as customers



Over a decade of proven experience protecting global enterprises from network-based threats



Best-in-class technology access that protects existing investments and enables 99% improvement in MTTD/MTTR via automated SOAR and ITSM workflows



Trusted industry partner with 1,000+ WAN, SD-WAN, and security projects delivered, achieving 99.8% first-right deployments and 95% customer retention and renewals



Bespoke SASE services, tailored to any stage of your journey, with single ownership across WAN, SD-WAN, and security, multi-vendor integration, unified visibility, and flexible automated billing

Recognitions

Gartner

Leader in 2026 Gartner Magic Quadrant™ for Global WAN Services (13 years in a row)


IDC
Analyze the Future

Leader in IDC MarketScape: Asia/Pacific Managed SD-WAN/SASE Services 2025-2026


AVASANT

Leader in Avast Network Managed Services RadarView 2025


ISG

Leader in ISG Provider Lens™ for Managed SD-WAN and Managed SASE - APAC 2025


WINNER

SD-WAN Service Provider of the Year, Global


WINNER

SD-WAN Service Provider of the Year, Asia Pacific