PRIVATE LINE

In today's world, digital transformation is driving business growth. The business houses are more digitised and coming closer to the customers. Demand for the edge nodes is increasing across different geographic locations to offer seamless user experience. This distributed architecture needs a secure, agile, and high-speed connectivity to handle the growing bandwidth demand across the edge nodes.

Tata Communications, a leading service provider of global connectivity comes with its all-new Private Line that will help business houses across the globe to connect its office locations, edge nodes, and data centres which are geographically dispersed.

Worldwide coverage

World's only wholly owned round-the-world fiber ring with over
500,000+ Km
of fiber ring

More than
90,000 Km
of optical fiber network across India

140+ International and
500+ India PoPs

60+
DCs connected in India over highly resilient and scalable network

18,000+
fiber connected enterprise buildings

Connecting
100+ cities in India

Extensive partnership

- Ownership across multiple consortium cables complementing Tata Global Network
- Access to 100+ countries globally | Direct presence | Partnerships

Key offerings

- Bandwidth ranging from 2Mbps upto 400Gbps
- Various interface options such as FE, GE, 10GE, 100GE, OTU-2, OTU-4, 400GE
- Multiple topology options as per end customer's application need - Point-to-Point, Hub-Spoke, Multipoint
- On demand service to meet ad-hoc bandwidth needs under "pay as use" model
- Infrastructure service – Duct as a Service || Cable Landing Cross-Connects
- Dedicated Network Build as a Service for hyperscale customer across various DCs in India.
- Value added services such as low latency offering, bundled CPE, encryption as service, managed services

Benefits

Performance
Round the globe cable systems with diverse paths across continents and dense fibre coverage ensures seamless network performance

Simplified
Manage all connectivity needs under one umbrella of Private Line while you are focusing on your core business objectives

Enhanced scalability
On demand upgrades to meet your ad-hoc bandwidth needs during peak time of your business with pay as you use model
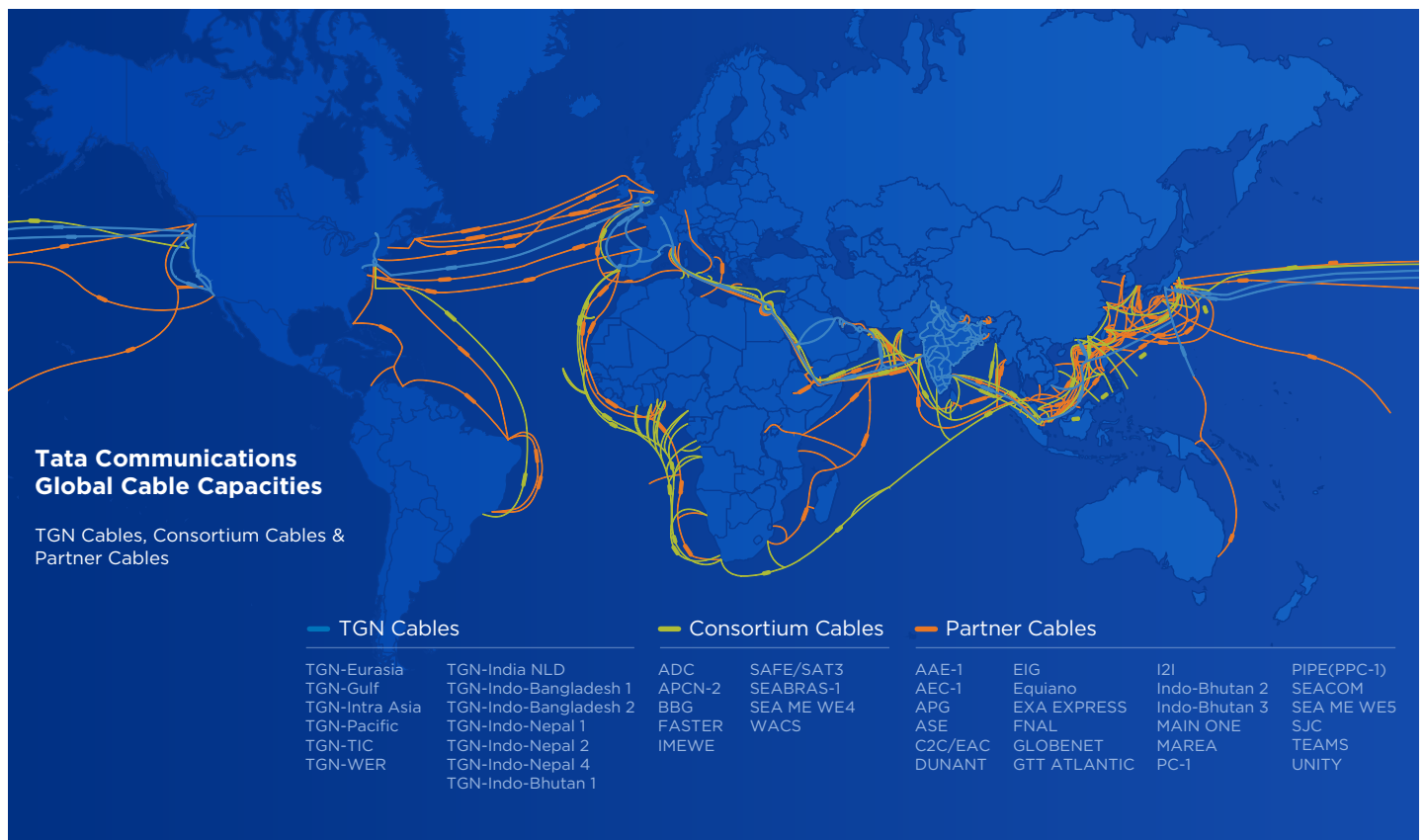
Security
Connectivity over highly reliable private network for your mission critical data while you focus on your business growth

Responsive
Round the clock proactive customer support with skilled and subject matter expert resources

Service coverage map

Tata Communications Global Cable Capacities

TGN Cables, Consortium Cables & Partner Cables

— TGN Cables		— Consortium Cables		— Partner Cables			
TGN-Eurasia	TGN-India NLD	ADC	SAFE/SAT3	AAE-1	EIG	I2I	PIPE(PPC-1)
TGN-Gulf	TGN-Indo-Bangladesh 1	APCN-2	SEABRAS-1	AEC-1	Equiano	Indo-Bhutan 2	SEACOM
TGN-Intra Asia	TGN-Indo-Bangladesh 2	BBG	SEA ME WE4	APG	EXA EXPRESS	Indo-Bhutan 3	SEA ME WE5
TGN-Pacific	TGN-Indo-Nepal 1	FASTER	WACS	ASE	FNAL	MAIN ONE	SJC
TGN-TIC	TGN-Indo-Nepal 2	IMEWE		C2C/EAC	GLOBENET	MAREA	TEAMS
TGN-WER	TGN-Indo-Nepal 4			DUNANT	GTT ATLANTIC	PC-1	UNITY
	TGN-Indo-Bhutan 1						

Highly scalable, secure, resilient and agile connectivity

Low latency solution for connecting major financial hubs

State-of-the-art Network Operation Centre and 24x7 support to ensure short fail-over time
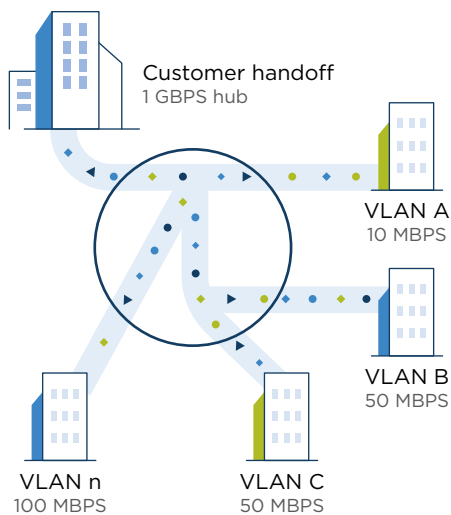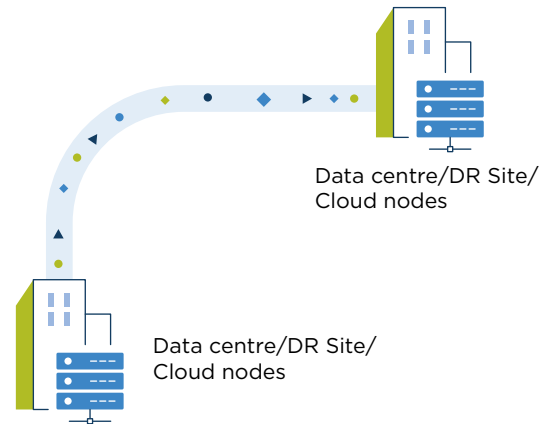
Solution variant

Point-to-Point

Use case

High bandwidth deterministic connection between two key locations such as DC, DR, Cloud nodes, CDN nodes, ISP PoPs

Features

Secure, resilient, high-speed connectivity

Transparent pipe, no MAC limit, no MAC Learning

Unprotected or deterministically network protected services

Highly scalable bandwidth up to 400Gbps

Data centre/DR Site/
Cloud nodes

Data centre/DR Site/
Cloud nodes

Customer handoff
1 GBPS hub

VLAN A
10 MBPS

VLAN B
50 MBPS

VLAN n
100 MBPS

VLAN C
50 MBPS

Hub-and-Spoke

The Hub-and-Spoke model allows to aggregate traffic and make your network modular, scalable and easily manageable.

Use case

Typically used in multicast delivery services where data is transmitted simultaneously from a single source to multiple destinations

Suitable for business partner - client models such as investment research firms, stock exchanges, media companies

Features

Allows flexible bandwidth subscriptions at each port

Reduce complexity with modular design allows easy network growth by adding sites or upgrading bandwidths at individual sites seamlessly

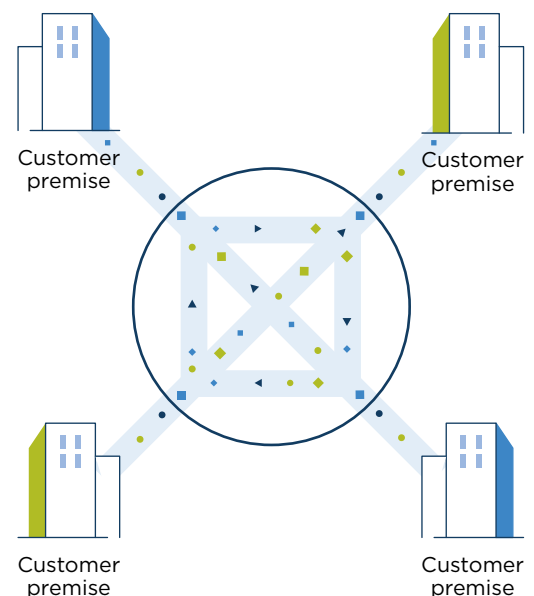Optimum utilisation of access network at the hub

Multipoint

The Multipoint configuration allows multi-directional traffic flow for a LAN-like performance among key locations even on your global-WAN.

Use case

Typically used to easily connect multiple sites with other locations. Suitable for hospitals, research organisations, pharmaceuticals, IT, BPO companies

Features

Provides high performance connectivity between key locations to simplify network complexity, control and costs

Flexibility to add sites and upgrade bandwidths at individual sites seamlessly

Businesses can maximise the use of local access by running several logical connections on single physical port to allocate bandwidths to different business units or applications or projects at the same site

Customer
premise

Customer
premise

Customer
premise

Customer
premise

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