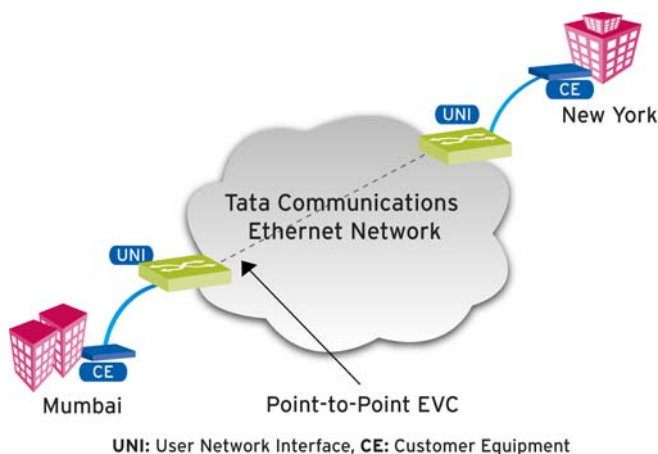


GLOBAL DEDICATED POINT TO POINT ETHERNET

Data Sheet



- Empowering choice with unparalleled flexibility
- Competitive standard SLA
- First global Ethernet service with MEF certification
- Non-service affecting upgrades

Ethernet Services on a Global Scale

Tata Communications' Global Dedicated Point to Point Ethernet extends the reliability, security, flexibility, and manageability of Ethernet WANs to enterprises on a global scale. It capitalizes on the unique reach and scale of Tata Communications' worldwide network to empower enterprises with unparalleled choice for unparalleled flexibility. The service is part of Tata Communications' comprehensive offering of WAN Ethernet services, enabling enterprises to select or combine the most appropriate Ethernet service for their needs.

This service features:

- Extreme bandwidth flexibility
- Point to point configuration
- Choice of ring protected or unprotected circuits
- Transparent pipe
- A single priority service with frames forwarded in the order received

With the power of choice, customers can select virtually any bandwidth they require to meet current business demands. When demands increase, customers can scale the solution without disruptive service interruptions and without costly, time-consuming changes to contractual agreements. This ability to purchase on an "as-needed" basis provides significant cost savings as well.

Current customers include global financial firms, broadcasting firms, and manufacturing firms as well as other telecom carriers.

Certifications and Standards Compliance

After passing more than 400 independent tests over five weeks, Global Dedicated Ethernet achieved the distinction of being the first Global Ethernet service to receive certification as MEF-9 and MEF-14 compliant. MEF-9 and MEF-14 represent an international standard developed by the Metro Ethernet Forum (MEF), a global industry alliance of more than 120 organizations. The MEF develops technical specifications and implementation agreements to promote interoperability and deployment of carrier-grade Ethernet worldwide. Please go to www.metroethernetforum.com for details.



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Features and Benefits

Feature	Details	Benefits
Choice of Bandwidth	<ul style="list-style-type: none"> 2-100 Mb in 2 Mb increments 50 – 1,000 Meg in 50 Meg increments 	Enhanced ability of customers to match bandwidth requirements with exact bandwidth purchases.
Choice of Interface Handoffs	Fast-E Interface: <ul style="list-style-type: none"> 100BaseTx (copper RJ45) 100BaseFx (fiber, SM/MM 1310nm) Gig-E Interface: <ul style="list-style-type: none"> 1000BaseLX (fiber, SM, 1310nm) 1000BaseSX (fiber, MM, 850nm) 1000BaseTx (copper RJ45) 	Greater growth potential without changing interfaces. Port flexibility based on future growth. Offering choice based on fiber vs. copper preference. Wider selection of handoffs between customer and Tata Communications.
Choice of frame sizes	Standard frame sizes (64-1518) and jumbo frame sizes (64-9,000 Bytes) on request	Improve the efficiencies of routers and bandwidth usage.
Committed Bandwidth	Committed Information Rate (CIR)	Certainty for a customer that the ordered bandwidth is always available for use.
Non service-affecting upgrades	Bandwidth can be upgraded without service interruption and without changing ports	Seamless growth, improved business continuity, cost reduction.
Resiliency	Ring protected services	Higher availability and lower jitter. <i>Please refer to Technology Overview document for more detail.</i>

Service and Support

Tata Communications offers customers a competitive Service Level Agreement (SLA). The SLA, based on a calendar month, includes the following:

Availability

- Protected Circuit – 99.9%
- Hybrid Circuit – 99.7%
- Unprotected Circuit – 99.5%

Packet Delivery Ratio

- 99.97% of frames will pass through the network

Applicability

- Measured from Tata Communications' PoP-to-PoP

* Please refer to the SLA Schedule for the most current SLA parameters.

Global Dedicated Ethernet complies with the following standards:

Service Feature	Standard Supported
Service Protection	MEF 2
Service Description	MEF 6, ITU-T G.8011
EMS & NMS Profile	MEF 7, MEF 15
Service Capabilities Conformance	MEF 9
Service Performance Characteristics	MEF 10.1
Service Performance Conformance	MEF 14
Customer Interface	IEEE 802.3xx, MEF-13, ITU-T G.8012
QoS/CoS	IEEE 802.1P, IEEE 802.1Q
Transport	ITU-T G.707, G.7041, G.7042

For More Information

For more information about Global Dedicated Point to Point Ethernet or other Tata Communications' Ethernet services, please visit www.tatacommunications.com.

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