Multipoint Ethernet Service
WAN Ethernet Services Portfolio

Multiple Point Networking Solutions from Tata Communications
As a growing business, do you have a checklist of network requirements? [Check all that apply]

- Network service and bandwidth that fits your business model
- Capacity to connect your local, national, and global locations with room to grow
- Minimal downtime for any of your current and future applications, 24X7
- Lower your management costs and consolidate billing
- Network security that protects your data and your connection information
- Managed and Unmanaged service
- Class of Service (CoS) options
- Custom solutions

Growing markets, Complex applications, Shrinking IT Budgets, Uncertain expansion plans – What's the solution?

A Multipoint Service that Best Fits Your Business – Today and Tomorrow.
Your network should be part of your business solution, not another problem.

Running your business is a never-ending series of big challenges and small victories. You know that the most successful global companies depend on networks that perfectly fit their business model. But as you shop for IT solutions, you find that many vendors try to force you into service that really doesn’t fit your unique business.

Growing companies such as yours need networks that can serve national, local, and global markets, but at a price that doesn’t destroy your IT budget. Because you never know exactly how your business will expand, you want a network infrastructure that can grow with you, supporting future data center applications, cloud computing, and real time processing throughout the network. Security should include full privacy of your data and your network connections. True reliability means your data is safe and easily recoverable, 24X7. If downtime is unacceptable, your network requires monitoring around-the-clock to stay up and running at all times. It’s a long list of requirements. In the past, you may have gone to multiple vendors and suppliers to solve each of these problems. Perhaps you’ve hired more and more IT staff to hold the whole network together.

Multipoint Ethernet Service
Tata Communications, a leader in enterprise networking, developed its Multipoint Ethernet Service to perfectly fit your requirements. Our Multipoint Ethernet Service is guaranteed to solve many of your network challenges.

Network service and bandwidth that fits your business model

Multipoint Ethernet Service provides superior connectivity to multiple sites (any-to-any) with just the bandwidth you select—from 1 MB to 1000 MB. Add bandwidth or sites as you grow, from three to fifty sites and bandwidth in increments of 1, 10 and 50 MB, 1 to 100 MB in 1 MB increments; 100 to 300 MB in 10 MB increments; and 300 to 1000 MB in 50 MB increments.

Capacity to connect your local, national, and global locations with room to grow

Because Tata Communications has deployed one of the most reliable and advanced global networks, you can connect your business sites locally, nationally, or in twenty-five countries throughout the world. You get scalability to grow as you need without any service interruptions. Tata Communications offers multiple classes of service options and superior quality of service with ample bandwidth for mission-critical applications such as voice and video.

Minimal downtime for any of your current and future real time applications, 24X7

Multipoint Ethernet Service is monitored and maintained 24X7 by Tata Communications' expert staff of network engineers. With options for disaster recovery and data replication to remote sites, your data is safe and easily recoverable. Real time applications on your network are always up and running with technology that is virtually future proof. You can also easily monitor your own network performance in near real time with our Web-based monitoring application.

Lower your management costs and consolidate billing

Because Tata Communications is your network manager and provider, Multipoint Ethernet saves you the operational expense of hiring network staff. You no longer need to contract with multiple vendors for every aspect of your network service. Tata Communications serves as your one stop shop, helping to manage your entire network by providing a consolidated view of your services and billing. This eases your administrative burden and saves costs, so you can focus on your business, not your network.

Network security that protects your data and your connection information

Tata Communications deploys the highest level of security available. Multipoint Ethernet does not compromise any network routing information, insuring that each connection is private and protected. This also prevents any denial of service attacks.

Managed and Unmanaged service

We ensure reliable service by offering end-to-end service commitment options on the layer 2 network. And Tata Communications can manage your entire network, adding SLA guarantees that cover not only packet delivery ratio but also jitter, latency, and availability.

Class of Service options

You can prioritize data traffic to support multiple applications by choosing and assigning the bandwidth to separate Classes of Service. We support the feature of Interclass bursting which allows utilizing the unused bandwidth at higher class of service. It provides greater efficiency and effective optimization of bandwidth.

Class of Service options

If your concern is not listed, we’re certain Tata Communications can find a Multipoint Ethernet solution that best fits your unique business needs. Please call your Tata Communications representative.

Summary of Features

- Choice of bandwidth, from 1 MB to 1000 MB
- Choice of Ethernet connections, including all Fast-E, GigE
- Up to 10 GigE bandwidth on a case by case basis (1 -10 GB in 500 MB increments)
- Classification of Service and Quality of Service for real time and mission critical applications
- Committed (guaranteed) bandwidth with SLA and CoS options
- Bandwidth upgrades with no service interruption
- Online Ethernet web portal for near real time traffic monitoring
Why Choose Tata Communications?

As a leading supplier of global networking solutions, Tata Communications is constantly looking for ways to improve its products and customer experience. However, our dedication to providing cutting-edge technology and service is only one measure of our success. Our customers confirm that their businesses are more competitive and efficient on Tata Communications’ solutions. Here’s why:

**Power of Choice**

Your business is unique. It deserves the network you choose. Let Tata Communications show you how. Whether you need local, national, or global connectivity, the Tata Communications’ portfolio of WAN Ethernet products can be tailored to your business requirements. Don’t settle for products that compromise the way you do business. No other vendor can provide such a wide array of cost-effective features.

"Whether you are connecting two locations or 20, our worldwide network can provide you with just the service you need."

**Future-proof Network**

We’re ready for the future. Are you? Your network should grow with your business. Taking on new challenges and markets is tough enough. Why worry about the capacity, the technology, or reliability of your network? Tata Communications already delivers superior Ethernet services, with bandwidth and performance for real-time applications such as cloud computing, voice, and video. We’ve also engineered the highest levels of reliability and security into all of our services, guarding against equipment failure or outside intrusion. Your data is safe from disaster and its privacy is assured.

**Global Reach**

With Tata Communications, you reach more markets, your way. Over the years we’ve carefully built the most far-reaching network in the world. Our global presence extends to over 25 countries and all major business centers. In addition, we connect to emerging markets – including India, the Far East, Middle East, Africa, and beyond.

**MEF-certified Services**

Tata Communications is proud to offer Ethernet services certified by the MEF—a worldwide, non-profit organization dedicated to improving carrier-class Ethernet products and services. One of the charters of the international, independent organization is to verify compliance of vendor equipment and Service Provider networks to MEF technical specifications through a rigorous series of tests based on MEF approved Test Suites.

**Unmatched Operational Support**

Take the expense and worry out of network management with Tata Communications. With our trained engineers and technicians, we monitor the network around the clock and provide first-class operational support.
Multipoint Ethernet Service

For more information on Tata Communications’ Ethernet Services visit www.tatacommunications.com/vpn/ethernet.asp

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Tata Communications, a member of the $62.5 billion Tata Group, is a leading global provider of a new world of communications. The emerging markets communications leader leverages its advanced solutions capabilities and domain expertise across its global and pan-India network to deliver managed services to multinational and Indian enterprises, service providers and Indian consumers. Tata Communications’ range of services include transmission, IP, converged voice, mobility, managed network connectivity, hosting and storage, managed security, managed collaboration and business transformation for global enterprises and service providers, as well as Internet, retail broadband and content services for Indian consumers. The Tata Global Network encompasses one of the most advanced and largest submarine cable networks, a Tier-1 IP network, with connectivity to more than 200 countries across 300 PoPs, and more than 1 million square feet of data center and colocation facilities. Tata Communications’ unique emerging market depth and breadth of reach includes a national fiber backbone network and access to network in over 60 cities and 125 PoPs in India, strategic investments in South African converged services operator, Neotel, Sri Lanka and Nepal and, subject to fulfillment of conditions precedent, a 50% ownership in China Enterprise Communications (CCE) providing full country VPN coverage in China. Servicing customers from its offices in over 80 cities in 40 countries, Tata Communications is the number one global international wholesale voice operator and number one provider of international long distance, enterprise data and Internet services in India, the Company was named “Best Wholesale Carrier” at the World Communications Awards in 2006, “Best Pan-Asian Wholesale Provider” at the 2006 and 2007 Capacity Magazine Global Wholesale Telecommunications Awards and was awarded “Best Progress in Emerging Markets” at the 2008 Mobile Communication Awards. Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India and its ADRs are listed on the New York Stock Exchange. (NYSE: TCL) www.tatacommunications.com

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