

Dedicated Global Ethernet (DGE)

Portugal Telecom leverages DGE solution to expand ISP traffic capacity



Portugal Telecom Enhances ISP Traffic Capacity

Portugal Telecom (PT), the leading telecommunications and multimedia services provider of Portugal, offers a full range of mobile and multimedia services, including pay TV, Internet access and portal services, data and business solutions, and wireline telephone services for retail and wholesale customers. PT's success has resulted in a dramatic increase in the bandwidth required to access global peering exchanges to support their Internet services.

Critical to Success

Tata Communications enabled PT to interconnect to other parts of Europe and to North America via a wholly owned undersea cable system. PT enjoys huge performance benefits as our connectivity services offer some of the lowest latency figures available in the region. They benefit from a robust network that provides consistently high performance. Our Dedicated Global Ethernet's jumbo frame capabilities enhance efficiencies and router performance, an added benefit not available with most competing services.

“ We are very satisfied with the quality, price and time to deliver. Your promise is always accomplished. ”

Tito Santos

International Wholesale Network Planning and Agreements, Portugal Telecom

Ethernet Solution for Portugal Telecom

- Ethernet flexibility
 - Wide variety of bandwidths
 - Gig-E Ethernet ports
 - Non-service-affecting upgrades
- High-performance Ethernet over SONET/SDH platform
 - Low latency
 - Low costs, allowing for upgrade flexibility
 - High reliability
- Local intelligence and support, globally
- Global network ownership for scalability



CASE STUDY
Network

Dedicated Global Ethernet



Supporting Flexibility for Global Growth

When PT purchased their initial connectivity into global peering exchanges, they chose to connect via Ethernet. Ethernet provides more flexibility, a lower total cost of ownership and direct connection into PT's routers.

Portugal Telecom's challenge was to double the Ethernet bandwidth required into the internet exchanges quickly and with minimal disruption to their network. They chose to stay with Tata Communications' DGE service. With the adaptability to meet capacity needs on short notice, DGE has enabled PT to manage network changes with greater agility, reducing their burden to predict and forecast bandwidth needs far in advance.

Why Portugal Telecom Chose Tata Communications

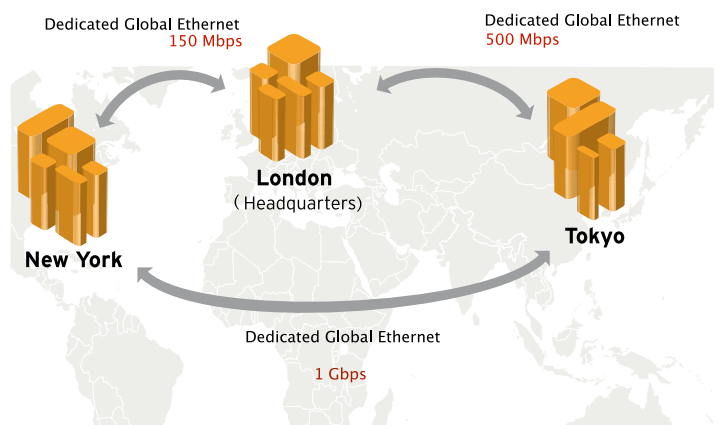
- _ Low intra-Europe and international latency with minimal jitter
- _ Critical upgrade flexibility, allowing Portugal Telecom to improve their business while reducing costs
- _ Top-quality network offering protected and unprotected paths

Leveraging a Strategic Relationship

Portugal Telecom has a history of a long-term and productive relationship with Tata Communications. PT continues to leverage seamless, new value-added services, delivered across our robust global network.

Future-Proofing

Carrier-Dedicated Global Ethernet offers a flexible, scalable, robust solution that enables PT to deliver a high-quality, value-conscious service in Europe. Tata Communications is committed to delivering and enhancing our Ethernet portfolio over the long term, making us the perfect partner to support Portugal Telecom's evolving connectivity requirements. Tata Communications' service diversity and commercial flexibility are critical to PT's future-proofing strategy.



For more information on Dedicated Global Ethernet, please visit:

www.tatacommunications.com/contact

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