



# GlobeNet WAVE<sup>SM</sup>

Optical signal multiplexing via the latest DWDM technology

## GlobeNet WAVE

The GlobeNet network is based on the latest Dense Wave Division Multiplexed (DWDM) technology that multiplexes optical signals at unique wavelengths, or “waves”, then transmits the composite signal over a single fiber. At the receiver, the composite signal is de-multiplexing and each unique 10 Gbps is recovered. GlobeNet WAVE offers the network supervision and diversity that you and your customers demand.

## Features and Benefits

- Network transport and capacity between North and South America enabling you to reach strategic ‘Americas’ markets.
  - Pan regional, seamless optical connectivity
- Point-to-point, bi-directional (unprotected circuit) with speeds at 10 Gbps
- Use transparent 10 Gbps (STM-64, OC-192 equivalent) as linear route channels
- Manage capacity through the use of customer-owned switching and routing equipment
- Build your own SONET/SDH/IP network
  - Add route diversity eliminating down time
- Control your own network protection
  - Provides significant cost savings
- Transmit voice, data and video as well as any other data traffic over a Clear Channel
  - Supports diverse business applications
- Lease optical waves immediately instead of building out expensive dark fiber
  - Competitive cost structure, reduced capital expenditures
  - Available on IRUs or 12 month lease terms
  - Increased speed-to-market
- Performance based Service Level Agreements available to ensured quality and reliability
- Fully compliant with ITU-T and Telcordia standards
- Network maintenance and 24x7 surveillance of all equipment
- Colocation services available

## Value Proposition

- **10 Gig waves**
  - Cost-effective bandwidth service for unprotected point-to-point connectivity
- **Equipment protect**
  - An option that uses two optical waves to provide equipment redundancy and protection over the same path
- **Route protect**
  - An option that uses two diverse optical waves to provide maximum protection and route diversity

## Brasil Telecom GlobeNet

Brasil Telecom GlobeNet is an international carrier’s carrier, owns and operates the most advanced, fully redundant, and lowest latency submarine fiber optic network linking North and South America. The company’s offerings include point-to-point transport, International Private Line (IPL) services, enhanced connectivity, the latest Dense Wave Division Multiplexing (DWDM) technology, IP transit and colocation.

## Brasil Telecom Group

Brasil Telecom Group is a leader among Latin America telecommunication companies which trades on both the Bovespa (Brazil’s Stock Exchange) and the New York Stock Exchange (NYSE). The Group offers a complete telecommunications portfolio through its own service offerings which is further augmented by its subsidiary holdings. Services include landline and mobile telephony, data transmission, Internet, multimedia services, managed services, point-to-point national and international transport and capacity services, International Private Line (IPL), datacenter and colocation services.

## To Learn More

To learn more about GlobeNet’s solutions and how it can reduce your network capacity costs, call, email or visit us online today.

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Email: **marketing@globenetbrt.net**

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## Brasil Telecom GlobeNet

### An Integrated Network Connecting the Americas

Our fiber optic submarine cable network covers a distance of almost 22,000 kilometers linking North and South America. Brasil Telecom GlobeNet provides connectivity (transport and capacity) between the Americas via the most advanced submarine cable system connecting Brasil, Bermuda, the U.S.A., and Venezuela. Our cable landing stations are strategically located in Tuckerton, New Jersey, Boca Raton, Florida, Fortaleza and Rio de Janeiro, Brasil, St. David's, Bermuda and Maiquetia (Caracas), Venezuela.

### Why GlobeNet?

- Lowest latency available serving the Americas
- State of the Art - 24/7 NOC
- Reach more cities throughout Brasil than any other submarine cable provider serving the Americas

### Regional Offices

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