



Global Crossing Wavelength and EtherWavesm Services

Maintain control without the expense of your own optical network infrastructure

Global Crossing Wavelength Service is an unprotected, bidirectional, point-to-point circuit at speeds of 2.5 Gbps and 10 Gbps; 10Gbps Global Crossing EtherWavesm Service is also available. Wavelength and EtherWavesm Services are both high-bandwidth applications that provide the freedom and flexibility to manage your own data network. As an alternative to dark fiber and traditional capacity services, Global Crossing Wavelength and EtherWavesm Services provide bandwidth on demand, lower costs, greater geographic availability and faster deployment timeframes. Wavelengths can support various applications including SONET/SDH, IP and ATM while eliminating unnecessary overhead and functional duplication across the network. Wavelength Service is provided via a SDH/SONET framed signal and is fully compliant with ITU-T and Telcordia standards.



Performance and error reporting for 10 Gbps Global Crossing EtherWavesm Service match that of traditional SONET/SDH interfaces while costs, especially using LAN PHY, may be significantly lower. In addition to potentially dramatic cost savings, most network managers are familiar with Ethernet interfaces in the Local Area Network (LAN) environment and will easily make a smooth transition to supporting EtherWave service in your Wide Area Network (WAN). Like Global Crossing's standard Wavelength Service, EtherWavesm fills the gap between dark fiber and traditional private line or capacity services.



With Global Crossing, you can limit your capital expenses and avoid the operational expenses associated with owning and operating an optical network infrastructure. By shifting the technology burden to us, you can avoid frequent and continuous upgrades to optical equipment. Wouldn't you rather concentrate your investments and expertise on growing your core business?

GLOBAL REACH

Global Crossing offers connectivity to every major market in the world. From shore-to-shore, city-to-city, and building-to-building, Global Crossing's international network can take your traffic anywhere or *everywhere*.

- Asia
- Europe
- North America
- Trans-Atlantic
- Trans-Pacific

ETHERWAVEsm SERVICE

As defined by the Metro Ethernet Forum, EtherWavesm is an E-Line service that supports fully-managed IP and SONET services for network providers and enterprises, without having to deploy optronics or manage their own dispersed networks. EtherWavesm Service is available on all terrestrial and subsea routes wherever standard Wavelength Service is available; options include:

- LAN PHY
- WAN PHY

FEATURES AND BENEFITS

- Point-to-point, bi-directional, unprotected circuit with Wavelength Service speeds at 2.5 or 10 Gbps or EtherWavesm Service at 10 Gbps
- Global, seamless optical connectivity
- Significant cost savings for customers managing their own protection scheme via SONET/SDH, IP, or ATM networking, especially for EtherWavesm Service with a LAN PHY interface
- Flexible solution that supports diverse business applications
- Competitive cost structure and reduced capital expenditures
- Performance-base Service Level Agreements to ensure quality and reliability
- Rapid service deployment
- Compliant with ITU-T and Telcordia standards
- Network control via the uCommand® online network management system
- Network maintenance and 24/7 surveillance of all equipment

CUSTOMER APPLICATIONS

Wavelength or EtherWavesm Services are ideal for large enterprises as well as ISPs, International Carriers, Domestic Carriers, LECs, and CLECs that require high-speed, low-cost, unprotected, point-to-point capacity. Global Crossing Wavelength or EtherWavesm Services can be used to complete a SONET/SDH ring, gain access to a market where capacity requirements do not justify a dark fiber investment or as a temporary solution while dark fiber routes are planned and constructed.

UNPRECEDENTED NETWORK SECURITY

- Global Crossing follows the most stringent security measures in telecommunications today, as required by our Network Security Agreement (NSA) with several U.S. government agencies.
- Our comprehensive, landmark NSA covers Physical, Logical, Information and Personnel Security and is overseen by a Security Committee of the board of directors and subject to independent third party audits
- Corporate culture of security based on “Defense in Depth” Approach
- Enterprise Security Program Plan governs all aspects of our security

SUPERIOR CUSTOMER EXPERIENCE



Network Operations Centers monitor and manage the Global Crossing network and switching systems 24/7, providing real-time problem diagnosis and resolution. Our multi-lingual Customer Care Centers deliver convenient, one-contact resolution for any network service issues. Add to this a single service provider with intimate knowledge of the industry, and a dedicated account team and you'll realize that Global Crossing provides more than a high-quality network. As evidence of the high-quality global customer experience that we provide, recent awards include:

- Frost & Sullivan's 2007 Best Practices Award for Global Excellence in North American Enterprise and Carrier Internet Protocol (IP) Solutions
- Capacity Magazine's 2007 “Best Wholesale Strategy” Award

COMPLEMENTARY SERVICES

Global Crossing services well suited to pairing with Wavelength and EtherWavesm Services include;

- **Global Crossing Colocation Service** and other Access Services for end-to-end connectivity

In addition to EtherWavesm Service, Global Crossing's Ethernet Services also include:

- **Global Crossing EtherSpheresm** for Point-to-Multipoint and Multipoint-to-Multipoint applications
- **Global Crossing EtherLinesm** for Point-to-Point applications
- **Global Crossing Ethernet Access Services** for seamless end-to-end Ethernet connectivity