

CenturyLink Optical Wavelength Service

Networkx Service Overview

Highly Economical, Dedicated Connection

CenturyLink's Optical Wavelength Services (OWS) offers your Agency outstanding value in very high capacity data transport. CenturyLink's OWS enables Agency data centers and locations of highly concentrated data applications to communicate between each other over long or short distances.

CenturyLink's Domestic OWS Network



013-CQGSMTG

Features

- Comes in 2.5 Gbps and 10 Gbps speeds
- Long haul and metro wavelengths are available
- Supports standards-based Synchronous Optical Network (SONET) and Synchronous Digital Hierarchy framing
- Local access provided by using on-net facilities or leasing wavelengths from CLECs or ILECs
- Fully transparent--allows overhead bytes to pass unchanged to enable Agency-provided protection switching
- Protected and unprotected options are supported
- Diversity provided as requested

Benefits

- Provides your Agency with highly economical bulk data transport
- Peace of mind--all connections are dedicated 100% to your Agency, so there is no contention for bandwidth
- Very little chance of hacking--any connection must be made physically, and therefore any intrusion would be detected by CenturyLink's Network Operations Center (NOC)
- Ease of use--ensured by highly standardized interfaces and framing, as proven through years of CenturyLink experience

Contact your CenturyLink Representative today!

Visit GSANetworkx.com and click on "Locate your Account Manager".
Or contact the CenturyLink Customer Support Office: 866-GSA-NETWorx
(866-472-6389) Email: federal@CenturyLink.com



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[HTTP://CenturyLink.centurylink.com/legal/docs/availability](http://CenturyLink.centurylink.com/legal/docs/availability).

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Geographic Availability

Available domestically and internationally

How it Works

CenturyLink's OWS is implemented over Dense Wavelength Division Multiplexing (DWDM) equipment for intra-city and intercity applications. OWS offers bi-directional 2.5 Gbps (OC-48) and 10 Gbps (OC-192) with high-speed, unprotected and protected wavelength options. CenturyLink's nationwide wavelength infrastructure enables a broad range of technical capabilities and the lowest cost per unit for transport of data. Our OWS approach provides flexibility and can be adapted to almost any architecture (ring, mesh, or linear).

CenturyLink's OWS supports the following three types of connections:

1. OCONUS and Non-domestic Wavelengths. CenturyLink supports wavelengths on individual case basis that may be part of an end-to-end service or a stand-alone connection through the ocean as illustrated below.
 - a. An end-to-end wavelength service will drop and pick up traffic from and to cities on different continents, as required by your Agency.
 - b. CenturyLink will provide backhaul services where necessary.
 - c. CenturyLink will provide a single point-to-point, bi-directional wavelength service connecting two Agency sites located in different countries.
2. CONUS Wavelengths. CenturyLink will support wavelengths over its long-haul network. This is applicable for inter-city connectivity within the United States. CenturyLink will provide backhaul services where necessary.
3. Metro Wavelength Services. CenturyLink supports the provisioning of wavelengths over its metro networks. CenturyLink supports single point-to-point, bi-directional wavelengths connecting two Agency sites.

Why Buy from CenturyLink?

- Outstanding reliability
- History of delivering wavelength services to the federal government
- Competitive pricing
- Geographic footprint and local connectivity allows for cost effective access solutions

Other Services Available from CenturyLink

In addition to Optical Wavelength services, CenturyLink has an array of other Services to meet your Agency's needs, including:

- Private Line Service
- Internet Protocol Service
- Synchronous Optical Network Services

Contract Vehicle

Network Universal & Enterprise

- An overview of CenturyLink's contract is available on the CenturyLink Network Website at <http://www.gsanetwork.com>

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