

CenturyLink Private Line Synchronous Service Transport

High-capacity transport for your evolving business needs

Benefits

- **Efficient** – consolidates lower-speed services
- **Scalable** – grows with your business to meet your future needs
- **Cost-effective** – eliminates network downtime, saving you money
- **Flexible** – compatible with PRI and DDS data and voice trunks as well as FRS, ATM and DWDM
- **Robust** – provides enhanced network survivability via optional SHARP capabilities
- **Service and support** – 24/7/365 network monitoring and repair availability

Are your voice, data, video and Ethernet transport needs outgrowing existing DS-1 or DS-3 capacities? CenturyLink™ Synchronous Service Transport (SST) is a point-to-point, broadband, shared private line solution that provides a reliable high-capacity connection for the transfer of large volumes of traffic. SST offers growth opportunities for your business through:

- Economies of scale – the greater the capacity, the lower the per-megabit cost
- Scalability – additional channels (ports) can be relatively inexpensive
- Interoperability – Synchronous optical network technology (SONET) works with older and newer services alike

Description

SST is a point-to-point private line provisioned on single-mode, fiber-optic cable. SST uses only the highest-quality, carrier-class equipment and SONET for transmission at speeds of OC-3 (155.52Mbps), OC-12 (622.08Mbps), OC-24 (1.2Gbps), OC-48 (2.49Gbps), and OC-192 (9.95Gbps).

Features

- Uses SONET technology, which offers high reliability and survivability
- Superior quality of service:
 - Throughput equals the purchased bandwidth (no congestion)
 - Visibility to data channels
 - Advanced monitoring/alarming and performance characteristics
 - Service level agreements (SLAs) for service availability, mean time to repair (MTTR) and customer notification
 - Optional Self-Healing Alternate Route Protection (SHARP) availability allows separation of working and protect fiber
 - Electronic redundancy maximizes service availability and survivability

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- Interoperability with most data format system types:
 - Interoperability across equipment vendors
 - Primary Rate Interface (PRI) and Digital Data Services (DDS) data and voice trunks
 - Frame Relay Service (FRS) and Asynchronous Transfer Mode (ATM) service
 - Newer Dense Wavelength Division Multiplexing (DWDM) technologies
- Channelized and concatenated service availability
- 24/7/365 CenturyLink monitoring

How it works

SST is a point-to-point service that connects 2 customer or wire center locations. You can also tie together more locations by cross-connecting SST systems or connecting with other services. Should your network sustain a fiber cut, SST's 4-fiber configuration makes it possible for the network to remain functional. The service allows multiple circuit types, such as DS-1, DS-3, STS-1, OC-3, OC-3c (concatenated), OC-12, OC-12c, OC-48, OC-48c, 10Mb Ethernet, 100Mb Ethernet and 1Gbps Ethernet, to ride the SST separately or in combination—meeting your unique volume-transport needs. SONET technology ensures your network has the highest level of survivability available today.

Why CenturyLink?

- We harnesses the power of fiber optics and have more than 100 years of experience delivering telecommunications
- We offer one solution with unparalleled performance
- We have the most dense fiber footprint in our local service region
- We adhere to the most stringent, carrier-grade implementation, testing and configuration standards

Other CenturyLink products

In addition to Synchronous Service Transport, we offer a variety of products to meet your needs, including:

- GeoMax®
- Self-Healing Network Services (SHNS)
- Private Line DS-1
- Private Line DS-3
- Metro Ethernet

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