

QWEST PRIVATE LINE SYNCHRONOUS SERVICE TRANSPORT (SST)

HIGH-CAPACITY TRANSPORT FOR YOUR EVOLVING BUSINESS NEEDS

Are your voice, data, video and Ethernet transport needs outgrowing existing DS-1 or DS-3 capacities? Qwest® 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 that is provisioned on single-mode, fiber-optic cable and employs only the highest-quality, carrier-class equipment. SST uses SONET for transmission at speeds of OC-3 (155.52 Mbps), OC-12 (622.08 Mbps), OC-24 (1.2 Gbps), OC-48 (2.49 Gbps), and OC-192 (9.95 Gbps).

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/alarms 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
- 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 Qwest monitoring

BENEFITS

- **Efficient**—Consolidates lower-speed services
- **Scalable**—Grows with your business to meet your future needs
- **Cost-effective**—Eliminates valuable network downtime
- **Flexible**—Compatible with PRI and DDS data and voice trunks, FRS and ATM, and DWDM technologies
- **Robust**—Provides enhanced network survivability via optional SHARP capabilities
- **Service and support**—24/7 network monitoring and repair availability

HOW IT WORKS

SST is a point-to-point service that connects two 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 four-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, and 10 Mb Ethernet, 100 Mb Ethernet and one Gigabit 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 BUY FROM QWEST?

- Qwest SST harnesses the power of fiber optics, plus more than 100 years of experience delivering telecommunications, in one solution with unparalleled performance.
- Qwest has the most dense fiber footprint in the 14-state local service region.
- Qwest adheres to the most stringent carrier-grade implementation, testing and configuration standards.

OTHER PRODUCTS AVAILABLE FROM QWEST

In addition to Qwest Synchronous Service Transport, Qwest has an array of products to meet your needs, including:

- Qwest® GeoMax®
- Qwest® Self-Healing Network Services (SHNS)
- Qwest® Private Line DS-1 Service
- Qwest® Private Line DS-3 Service
- Qwest® Metro Optical Ethernet (QMOE)™

Qwest Corporation Private Line Synchronous Service Transport (SST) is available on an intraLATA basis only in the Qwest® local service territory of AZ, CO, IA, ID, MN, MT, ND, NE, NM, OR, SD, UT, WA and WY.