

Optical Transport Services Solution Assessments

In the 1990s, carriers progressed from SONET to wavelength multiplexing, pushing capacity to new heights. Speculators fueled a fiber deployment boom that brought widespread availability of optical services to major business locations. Boom or bust, the demand for optical services among enterprise-class consumers has remained a constant to satisfy a growing thirst for bandwidth. Optical Transport Services – the point-to-point and ring-based services relying on SONET, or riding packet and channel services directly on fiber – are a basic building block for high-speed connectivity for voice, data networking, video services and more. Carriers that own the infrastructure can control their costs and service quality, to offer better guarantees at lower prices.

SERVICE FEATURES:

- Solution Assessments of carrier service portfolios
- Industry Event Reports
- Market Assessment
- Advisory Reports

COMPANIES COVERED:

- AT&T
- Level 3 Communications
- Qwest
- Verizon
- XO Communications

SERVICE DESCRIPTION

Delivered via our web-based platform, CurrentCOMPETE, Current Analysis' Optical Transport Services Solution Assessments track and analyze events, technologies and companies shaping the Optical Transport market. Comprehensive coverage includes vendor Solution Assessments and analysis of competitor events in the marketplace, covering announcements of new products and strategies, as well as mergers and partnerships. Optical Transport solutions are rated on the following selection criteria:

- On-net market presence for the carrier's optical networks and underlying fiber infrastructure in access, domestic long-haul and international services. Other factors include fiber quality, market breakouts by regulatory designation, and extended reach through carrier partnerships.
- Tariff and service guide filed prices for services in sample point-to-point, ring and/or optical hub configurations. Price examples break out services into their individual cost components, and include filed installation costs for service.
- The Optical Transport equipment that carriers use to provide access and long-haul services. Additional information breaks out these equipment platforms both geographically and in terms of deployment overlays.
- Speeds, types of interfaces, contract length options, and value-added services that carriers offer. Where relevant, customer management platforms that encompass Optical Transport Services.
- Standard service level availability guarantees for both standard-class and premium-level optical transport, focusing on service availability/reliability, other metrics a carrier may offer such as installation and time to repair windows; and credit schedules in case a carrier fails to meet its performance goals.



About Current Analysis

Current Analysis has been helping leading technology companies improve their competitive responsiveness since 1997. We enable you to improve your performance by creating a repeatable process advantage over your competitors.

Our business model and solutions are built on the foundation of solid, quality intelligence and data, making Current Analysis the leader for competitive intelligence demands. We serve more than 40,000 users at over 250 enterprise clients. Our client base represents the preeminent firms in the telecommunications and information technology.

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STAY INFORMED WITH ANALYSIS OF MAJOR INDUSTRY ISSUES

- Mergers, acquisitions and network interconnect partnerships among carriers increasing their fiber footprints and Optical Transport portfolios.
- Network and transport services integration and rationalization, as merged carriers consolidate overlapping services, business functions and market presence.
- Services rollout to additional points of presence, in additional metro areas, to new international destinations, or further building up a domestic long-haul regional and national presence.
- Network technology and capacity upgrades, including additional capacity in the core and access networks, new interfaces and higher-speed transport options.
- New value-added features, both in terms of Optical Transport Services integration with customer management portals, and in terms of additional intelligence and functionality built into the carrier's Optical Transport network fabric.

MARKET SEGMENTS COVERED

Market Segment	Solutions Opportunities
Metro SONET	<ul style="list-style-type: none"> • Point-to-point, ring, optical hub • Concatenated, channelized • Other redundancy and diversity options • Service package
Long-Haul SONET	<ul style="list-style-type: none"> • National service • Transoceanic service • City pairs • Interoffice extension
Metro Wavelength	<ul style="list-style-type: none"> • Dedicated single-wavelength • Applications-rich metro DWDM • Dedicated SONET, Ethernet on wave • Dark fiber
Long-Haul Wavelength	<ul style="list-style-type: none"> • Core network architecture • Raw transport service • Segment and multi-segment • Dark fiber
Metro Ethernet	<ul style="list-style-type: none"> • Ethernet-on-SONET • Interfaces for SONET ring • Ethernet-on-fiber • Best-effort transport
Long-Haul Ethernet	<ul style="list-style-type: none"> • Ethernet via private line • Other LAN transport capabilities
Channel Communications	<ul style="list-style-type: none"> • Channel-on-SONET • Channel-on-fiber • WDM channel extensions • Long-haul options • Interfaces and speeds