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Optical Wavelength Services Market by Bandwidth (Less than 10 Gbps, 40 Gbps, 100 Gbps, and More than 100 Gbps), Application (SONET, Ethernet, and OTN), Interface (Short Haul, Metro, and Long Haul), Organization Size, and Region - Global Forecast to 2023

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Abstracts

Increasing demand for internet and bandwidth-intensive applications to drive the Optical Wavelength Services (OWS) market

The global OWS market size is expected to grow from USD 3.3 billion in 2018 to USD 4.9 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 8.5% during the forecast period. The adoption rate of advanced technologies such as 5G and IoT is surging. The advent of Internet of Things (IoT) and growing automation trends lead to continuous data traffic, which poses the challenge of fulfilling heavily-increased bandwidth requirements for large enterprises and SMEs. Wavelength services can offer security and dependability of private network and possess high bandwidth for carriers, thus stimulating the demand for higher bandwidth services resulting the growth in OWS market.

Among interface segment, the Ethernet interface to account for the highest market share during the forecast period

Ethernet accounts for the highest market share in OWS, as it is a cost-effective option for server connectivity. As compared to other interfaces, i.e. OTN and SONET, Ethernet has the highest number of installations and offers top cost performance among others. Gigabit Ethernet is the extended version of Ethernet which can offer tenfold speed than

the traditional Ethernet. Wavelength services enable high bandwidth gigabit Ethernet network connections to be deployed faster.

Among application segment, the metro applications to dominate the market during the forecast period

The increasing bandwidth demand and connectivity between Data Centers (DCs) along with adoption of consumer 4K and higher video content and services on number of devices are major drivers for the adoption of metro applications. Most of the service providers are looking forward to increase the wavelength speed by moving to metro applications.

Among regions, North America to grow at the highest CAGR during the forecast period

North America is expected to grow at the highest CAGR among all regions, due to presence of prominent OWS providers, such as Zayo, Verizon, GTT, CenturyLink, and AT&T in the region, while Asia Pacific (APAC) is expected to be the major contributor to the OWS market, due to increasing demand for end-to-end wavelength services in the region. China, Japan, and India are some of the prominent countries with strong fiber optic infrastructures in APAC.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, innovation and technology directors, and executives from various key organizations operating in the OWS market.

The breakup of the profiles of the primary participants is given below:

By Company: Tier 1 – 35%, Tier 2 – 40%, and Tier 3 – 25%

By Designation: C-Level – 65% and Director Level – 35%

By Region: North America – 30%, Europe – 35%, APAC – 25%, and RoW – 10%

The key vendors profiled in the report are as follows:

Zayo Group (US)

Nokia (Finland)

Verizon (US)

GTT (US)

CenturyLink (Louisiana)

AT&T (US)

Sprint (US)

Comcast (US)

Colt Technology Solution (UK)

Crown Castle (US)

Windstream Enterprises (US)

Charter Communications (US)

Cox Communications (US)

Jaguar Network (France)

CarrierBid (US)

Research Coverage

The OWS market has been segmented based on Bandwidth (100Gbps), interface (SONET, OTN, and Ethernet), application (Short Haul, Metro, and Long Haul), organization size (SMEs and Large Enterprises,) and regions. A detailed analysis of the key industry players has been undertaken to provide insights into their business overviews; services; key strategies; new service launches; partnerships, agreements, and collaborations; business expansions; and competitive landscape associated with the global OWS market.

Reasons to Buy the Report

The report would help the market leaders/new entrants in the following ways:

It comprehensively segments the OWS market and provides the closest approximations of the revenue numbers for the overall market and its subsegments across regions.

It would help stakeholders understand the pulse of the market and provide information about the key market drivers, restraints, challenges, and opportunities.

It would help stakeholders understand their competitors better and gain more insights to enhance their positions in the market. The competitive landscape section includes the competitor ecosystem, new service developments, partnerships, and acquisitions.

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