

# **Optical Networking and Communications Market by Technology (Wavelength Division Multiplexing (WDM), Synchronous Optical Networking (SONET)/ Synchronous Digital Hierarchy (SDH) and Fiber Channel), by verticals (Aerospace and Defense, Government, Manufactures, Submarine, Mining, Transportation, Oil and Gas, Healthcare, Telecom, Energy and Utilities) and by Geography - Global Trends & Forecasts to 2014 - 2020**

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## **Abstracts**

Optical networking and communications for this market study is as follows, a type of communications network wherein data transmission occurs via light as optical or Infra-Red signals and optical components form the building blocks of the network. The market has been defined as the summation of hardware and services revenues.

The study captures the industry trends in the optical networking and communications market, technology roadmaps and product life cycle analysis. In addition to this, this report also covers market timelines and competitive landscape which includes market share analysis and key developments happening in companies.

The report covers both the demand and supply sides of the market. The supply side market segmentation includes several hardware, services, and technologies. On the other hand, demand side segmentation includes various verticals, and regions. The following diagram gives an overview of the micro-markets covered for the report. Optical Networking and Communications market is majorly driven by the demand for 100G and the ever increasing deployments of datacenters. Another important factor that

contributes to this surge in optical networks is the adoption of cloud-based services.

The key drivers for Optical Networking and Communications market are growing demand for 100G, rising deployments of datacenters and increasing adoption of cloud-based services and assured return on investment. This report covers geographical regions which include Americas, Europe, Asia-Pacific and, the Rest of the World (ROW). There is a lot of opportunity for the existing players and new entrants to innovate and differentiate the products range. APAC region is expected to observe significant growth due to rapid growth in infrastructure and power generation in the countries such as India, China, and Indonesia. This creates an ample of opportunities for the automation provider companies.

Optical Networking and Communications market is rapidly growing in service and automation industry which represents the potential end users for this market. Key players in this Optical Networking and Communications market include Alcatel Lucent (France), Cisco (U.S.), Verizon (U.S.), Huawei (China), JDS Uniphase Corporation (U.S.), and Ciena (U.S.) and others.

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