

# **Global Free Space Optics Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023**

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## **Abstracts**

Free space optics (FSO) technology is one of the optical wireless communication technologies. It is a license-free technology and has many features, such as easy installation, high-speed data transmission rate, secure data transfer, and high ROI. FSO uses invisible beams of light to enable optical bandwidth connections. FSO technology is a line-of-sight technology that can transmit up to 2.5 Gbps of data, voice, and video communications instantly through thin air without the use of any physical cable. It uses lasers and photodetectors. FSO enables optical communications at the speed of light.

### **Scope of the Report:**

This report studies the Free Space Optics market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Free Space Optics market by product type and applications/end industries.

The communications application segment accounted for the major share of the FSO market during the forecast period. This is mainly due to the rising need for mobile infrastructure and availability of improved features such as large bandwidth, high data rates, free licensing, and easy deployment in the FSO technologies in the communications segment. This will to the growth of the free space optics market in the coming years.

In terms of geographic regions, the Americas will be the major revenue contributor to the market throughout the forecast period. The rise in the number of applications of FSO devices in the defense sector, the growing popularity of 5G networks, and the adoption of better wireless infrastructures, will b the major factors driving the market's growth prospects in this region.

The global Free Space Optics market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Free Space Optics.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Trimble Hungary

Anova Technologies

Wireless Excellence Ltd

General Electronics

Panasonic Corp

Fujitsu Ltd

Lightbee Corp

Koninklijke Philips

Harris Corporation

Outstanding Technology

LightPointe Communications

pureLiFi Ltd

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Short Distance (Less Than 500m)

Mid Distance (500m-1500m)

Long Distance (Greater Than 1500m)

Market Segment by Applications, can be divided into

Defense and Security

Healthcare

Communications

Transportation

Other

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