

Free Space Optics Communication Technology Market Growth Forecast at 33.3% CAGR by 2027 by Emergen Research

The growing demand for fast and secure wireless communication and rising demand for digital connectivity are driving the demand for the market.

VANCOUVER, BC, CANADA, July 13, 2022 /EINPresswire.com/ -- The global [Free Space Optics \(FSO\)](#)

[Communication Technology Market](#) is forecasted to be worth USD 3,507.8 Million by 2027, according to a current analysis by Emergen Research. The Free Space Optics (FSO)

communication technology market is anticipated to grow substantially owing to the growing demand for digital connectivity and rising need for higher bandwidth as well as fast wireless communication. The market is also expected to boost by the increasing use of free space optics in 4G networks.

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Free Space Optics Communication Technology Market Size – USD 390.0 Million in 2019, Market Trends – The rise in the use of free space optics (FSO) communication technology in the defense industry.”

Emergen Research



Emergen Research Logo

However, problems such as smoke, rain, fog, and atmospheric turbulence could lead to network system volatility, which is expected to hamper market growth during the forecast timeframe.

The major companies Covered in the report are:

L3Harris Technologies, Inc., Mostcom Ltd., Airlinx Communications, Inc., fSONA Networks Corporation, SA Photonics, Inc., Mynaric AG, Plaintree Systems Inc., Lightpointe Communications, Inc., Trimble Hungary Ltd., IBSENtelecom Ltd., Others

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Some Key Highlights from the Report

In March 2019, Mynaric AG, the manufacturer of laser communications terminals, announced that it raised USD 12.5 Million of investment from a mystery constellation venture that plans to setup 1,000 terminals.

Due to the rising need for applications for wireless communications and navigation, the satellite segment is expected to dominate the market over the forecasted period.

It is expected that the data transmission segment will hold the largest market during the forecast period. Free Space Optics Communication technology can provide optical bandwidth connections that can transfer data via an invisible light beam, such as video, documents, and audio.

Over the forecast timeframe, the telecommunication segment is anticipated to dominate the market with a CAGR of 33.5%, due to the increasing demand for high bandwidth.

As the need for satellite application applications is increasing rapidly, North America is expected to hold the largest market over the forecast timeframe. The region of Europe is expected to experience stable growth due to the presence in the region of major market players, especially in countries such as Germany and France.

Due to the rapid growth of the IT & telecommunications industry, Asia Pacific is anticipated to witness substantial market growth.

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Emergen Research has segmented the global Free Space Optics (FSO) Communication Technology Market on the basis of platform, application, end-use, and region:

Platform Outlook (Revenue, USD Million; 2017-2027)

Airborne

Terrestrial

Satellite

Application Outlook (Revenue, USD Million; 2017-2027)

Disaster Management

Last Mile Access

Data Transmission

Storage Area Network

End-Use Outlook (Revenue, USD Million; 2017-2027)

Healthcare

Defense

Telecommunication

Others

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Regional Outlook (Revenue, USD Million; 2017-2027)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

BENELUX

Rest of Europe

Asia Pacific

China

Japan

South Korea

India

Rest of APAC

Latin America

Brazil

Rest of LATAM

MEA

Saudi Arabia

UAE

Rest of MEA

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Reasons to buy the report:

This study segments the Free Space Optics Communication Technology market and derives the precise valuation of the overall, as well as segment-based, market across different industry verticals, geographies, and products.

The report will help participants understand the trajectory of the progress of the market and provide information on key drivers, restraints, challenges, threats, and opportunities for the growth of the Free Space Optics Communication Technology sector.

This report would allow readers to be well-versed with the existing competition and gain more insights to improve their standing in the worldwide business. The competitive landscape considers the dominant competitors, along with product launches and technological

advancements, strategic expansions, mergers and acquisitions, and procurement strategies implemented by key players in the Free Space Optics Communication Technology market.

Thank you for reading our report. Please get in touch with us for further queries about the report and our team will assist you according to your needs.

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