

# **Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Distributed Fiber Optic Sensing Market 2018, Forecast to 2023**

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## **Abstracts**

A fiber optic sensor consists of a light source, an external transducer, a photodetector, and an optical fiber, and they measure the properties of light, such as intensity, wave length, and polarization, to sense the surrounding. The change in the properties of light is detected and used to infer the change in the surrounding or the target object. A fiber optic sensor helps in measuring several physical, chemical, and biomedical properties by detecting the changes in the following properties of the target or sensing location.

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

This report focuses on the Distributed Fiber Optic Sensing in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The rise in the consumption rates of oil and gas and declining production numbers of conventional oil reserves have compelled many manufacturers and the governments of different countries to invest in the exploration of unconventional resources such as tight oil and shale gas. This has resulted in the rise of deep-sea and ultra-deep-sea drilling activities for the exploration of the unconventional resources. The rising exploration activities of unconventional resources will boost the growth of The global distributed fiber optic sensing market as these sensors are integrated into the equipment used for drilling and exploration activities.

The distributed fiber optic sensing market consists of manufacturers with varied portfolios and providing different types of sensors, apart from distributed fiber optic sensing. manufacturers are benefitted from the popularity of online media to develop a competitive edge. The focus of the manufacturers will be on the developing regions as the presence of the distributed fiber optic sensing is currently low in the developing

countries.

In terms of geographic regions, the Americas will be the major revenue generator of the distributed fiber optic sensing market throughout the forecast period. The increased adoption rate of distributed fiber optic sensors in the food and beverage, oil & gas, and automotive manufacturing industries will drive the growth of the market in the region.

The worldwide market for Distributed Fiber Optic Sensing is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Halliburton

Schlumberger

Yokogawa Electric

Ziebel

AP Sensing

Omnisens

OptaSense

Silixa

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 etc.)

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

Market Segment by Type, covers

Intrinsic fiber optic sensing

Extrinsic fiber optic sensing

Market Segment by Applications, can be divided into

Oil and gas

Industrial

Civil engineering

Safety and security

Power and utility

There are 15 Chapters to deeply display The global Distributed Fiber Optic Sensing market.

Chapter 1, to describe Distributed Fiber Optic Sensing Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Distributed Fiber Optic Sensing, with sales, revenue, and price of Distributed Fiber Optic Sensing, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show The global market by regions, with sales, revenue and market share of Distributed Fiber Optic Sensing, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and

*Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Distributed Fiber Optic Se...*

by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Distributed Fiber Optic Sensing market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Distributed Fiber Optic Sensing sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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