

Global Distributed Fiber Optic Sensor/ Sensing (DFOS) Market Analysis, Size, Share and Forecast by 2025

Market Research Report with Industry Analysis on "Distributed Fiber Optic Sensor/ Sensing (DFOS) Market Forecast by 2025" is Made Available by Orbis Research.

DALLAS, TEXAS, UNITED STATES, May 23, 2017 /EINPresswire.com/ -- The [global distributed fiber optic sensor market](#) size is expected to reach USD 2.39 billion by 2025, according to a new report by Grand View Research, Inc. Distributed fiber optic sensors are used in a wide range of application sectors such as oil & gas, infrastructure development, civil engineering, and power & utility.

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The demand from the civil engineering vertical and the increasing growth opportunities in the oil & gas sector are driving the growth of the distributed fiber optic sensor market. Optical inspection equipment manufacturers are concentrating on ensuring DFOS sensors' capability of working in a challenging environment. Associated innovation arenas are infrastructure, architecture, and assessment capability.

Numerous challenges and the consistencies and technological complexities that incur in optical inspection process are restricting the market growth. The auxiliary encounters of a DFOS equipment include repairs, reliability challenges, and rework problems. New product developers and visionaries aim to dominate the technology segment by providing exclusive technology offerings and value differentiation.

The growing penetration of the fiber optics technology is encouraging manufacturers and suppliers to invest in research & development for introducing better products. They are optimizing their production processes and regulating efficiencies & prices to curb all other alternatives of the fiber optics technology. As the production & installation processes of DFOS

products are reasonably costly, researchers are focusing on developing dependable and competitively priced optic inspection products.

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Further key findings from the report suggest:

The temperature sensing application segment dominated the market (in terms of market size) in 2015. Temperature sensors find solicitations in the oil & gas and civil engineering segments.

North America dominated the global market and accounted for the largest market share (in terms of revenue) in 2015

The growing demand for DFOS equipment can be attributed to the ever-growing demand for efficient and optimized processes, across enterprises and manufacturing sectors

The key industry participants include Yokogawa Electric Corporation (Japan), Halliburton Company (U.S.), Schlumberger Limited (U.S.), and QinetiQ Group plc (U.K.).

Major Points From The Table Of Contents:

Chapter One: Methodology and Scope

Chapter Two: Executive Summary

Chapter Three: Distributed Fiber Optic Sensor Market Outlook

Chapter Four: Distributed Fiber Optic Sensor: Application Estimates & Trend Analysis

Chapter Five: Distributed Fiber Optic Sensor: Technology Estimates & Trend Analysis

Chapter Six: Distributed Fiber Optic Sensor: Vertical Estimates & Trend Analysis

Chapter Seven: Distributed Fiber Optic Sensor: Regional Estimates & Trend Analysis

Chapter Eight: Competitive Landscape

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