Fibre Optic Sensors Market: By Technology (Brillouin Scattering, Raman Scattering, Rayleigh Scattering, and Fibre Bragg Gratings (FBG)), By End-User, and By Region- Forecast (2014-2021)

Description: Fibre optic sensors abbreviated as FOS was designed with the aim of measuring the status and performance of the optical fibre networks. Fibre optic sensors are quite resistant to electromagnetic interference, and being a poor conductor of electricity they can be used in places where there is flammable material such as jet fuel or high voltage electricity. Hence, fibre optic sensors are used in wide range of applications. However, improvements such as sensor robustness need to be carried out in these sensors, to realize the full potential in fibre optic sensors market. Globally, rising needs of telecommunication industry and growing investments in civil structures, & smart manufacturing are the prime growth drivers of fibre optic sensors. However, price fluctuation in oil industry, strict environmental regulations, and higher installation cost are key restraints for fibre optic sensors market.

This report identifies the global fibre optic sensors market size in for the year 2014-2016, and forecast of the same for year 2021. It also highlights the potential growth opportunities in the coming years, while also reviewing the market drivers, restraints, growth indicators, challenges, market dynamics, competitive landscape, and other key aspects with respect to fibre optic sensors market.

Geographically North America dominated global fibre optic sensors market, and Asia Pacific is projected to have fastest growth, owing to higher growing telecommunication industry in this region. Among all end-user application pipelines sector had the highest share in global fibre optics sensor market.

This report segments global fibre optic sensors market on the basis of technology, end-user, and regional market as follows:

- This report has focused study on fibre optic sensors market on the basis of technology such as: Brillouin Scattering, Raman Scattering, Rayleigh Scattering, and Fibre Bragg Gratings (FBG)

- Based on application industry global fibre optic sensors market is segmented as follows: Oil & Gas, Pipelines, Infrastructure, Geothermal, Process Control, Security, Wind Energy Turbines, and others

- This is report has been further segmented into major regions, which includes detailed analysis of each region such as: North America, Europe, Asia-Pacific (APAC), and Rest of the World (RoW) covering all the major country level markets in each of the region

- This report identifies all the major companies operating in the fibre optic sensors market. Some of the major companies' profiles in detail are as follows:
  - FISO Technologies Inc.
  - Sensa
  - Brugg Kabel AG
  - Omnisens
  - Light Wave Venture LLC

Contents:

1. Fibre Optic Sensors- Market Overview
2. Executive Summary
3. Market Landscape
   3.1. Market Share Analysis
   3.2. Comparative Analysis
   3.3. Product Benchmarking
   3.4. End User Profiling
   3.5. Top 5 Financials Analysis
4. Fibre Optic Sensors-Market Forces
   4.1. Drivers
   4.1.1. Rising needs of telecommunication industry
4.1.2. Growing investments in civil structures, & smart manufacturing
4.2. Restraints
4.2.1. Price fluctuation in oil industry
4.2.2. Strict environmental regulations
4.2.3. Higher installation cost
4.3. Opportunities
4.4. Challenges
4.5. Porter's Five Forces Analysis
4.5.1. Bargaining Power of Suppliers
4.5.2. Bargaining Power of Buyers
4.5.3. Threat of New Entrants
4.5.4. Threat of Substitutes
4.5.5. Degree of Competition
5. Fibre Optic Sensors Market, By Technology
5.1. Brillouin Scattering
5.2. Raman Scattering
5.3. Rayleigh Scattering
5.4. Fiber Bragg Gratings (FBG)
6. Fibre Optic Sensors Market, By End-User
6.1. Oil & Gas
6.2. Pipelines
6.3. Infrastructure
6.4. Geothermal
6.5. Process Control
6.6. Security
6.7. Wind Energy Turbines
6.8. Others
7.1. Europe
7.1.1. Germany
7.1.2. France
7.1.3. Italy
7.1.4. Spain
7.1.5. Russia
7.1.6. U.K.
7.1.7. Rest of Europe
7.2. Asia Pacific
7.2.1. China
7.2.2. India
7.2.3. Japan
7.2.4. South Korea
7.2.5. Rest of Asia-Pacific
7.3. North America
7.3.1. U.S.
7.3.2. Canada
7.3.3. Mexico
7.4. Rest of the World (RoW)
7.4.1. Brazil
7.4.2. Rest of RoW
8. Fibre Optic Sensors- Market Entropy
8.1. Expansion
8.2. Technological Developments
8.3. Merger & Acquisitions, and Joint Ventures
8.4. Supply- Contract
9. Company Profiles (Top 10 Companies)
9.1. FISO Technologies Inc.
9.1.1. Introduction
9.1.2. Financials
9.1.3. Key Insights
9.1.4. Key Strategy
9.1.5. Product Portfolio
9.1.6. SWOT Analysis
9.2. Sensa
9.2.1. Introduction
9.2.2. Financials
9.2.3. Key Insights
9.2.4. Key Strategy
9.2.5. Product Portfolio
9.2.6. SWOT Analysis
9.3. Brugg Kabel AG
9.3.1. Introduction
9.3.2. Financials
9.3.3. Key Insights
9.3.4. Key Strategy
9.3.5. Product Portfolio
9.3.6. SWOT Analysis
9.4. Omnisens
9.4.1. Introduction
9.4.2. Financials
9.4.3. Key Insights
9.4.4. Key Strategy
9.4.5. Product Portfolio
9.4.6. SWOT Analysis
9.5. Light Wave Venture LLC
9.5.1. Introduction
9.5.2. Financials
9.5.3. Key Insights
9.5.4. Key Strategy
9.5.5. Product Portfolio
9.5.6. SWOT Analysis
9.6. AFL Global
9.6.1. Introduction
9.6.2. Financials
9.6.3. Key Insights
9.6.4. Key Strategy
9.6.5. Product Portfolio
9.6.6. SWOT Analysis
9.7. OSENSA Innovations Corp
9.7.1. Introduction
9.7.2. Financials
9.7.3. Key Insights
9.7.4. Key Strategy
9.7.5. Product Portfolio
9.7.6. SWOT Analysis
9.8.1. Introduction
9.8.2. Financials
9.8.3. Key Insights
9.8.4. Key Strategy
9.8.5. Product Portfolio
9.8.6. SWOT Analysis
9.9. Honeywell Sensing and Control
9.9.1. Introduction
9.9.2. Financials
9.9.3. Key Insights
9.9.4. Key Strategy
9.9.5. Product Portfolio
9.9.6. SWOT Analysis
9.10. Micron Optics
9.10.1. Introduction
9.10.2. Financials
9.10.3. Key Insights
9.10.4. Key Strategy
9.10.5. Product Portfolio
9.10.6. SWOT Analysis

*More than 40 Companies are profiled in this Research Report, Complete List available on Request*
"Financials would be provided on a best efforts basis for private companies"

10. Appendix
10.1. Abbreviations
10.2. Sources
10.3. Research Methodology
10.4. Expert Insights

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3820888/](http://www.researchandmarkets.com/reports/3820888/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

- **Product Name:** Fibre Optic Sensors Market: By Technology (Brillouin Scattering, Raman Scattering, Rayleigh Scattering, and Fibre Bragg Gratings (FBG)), By End-User, and By Region-Forecast (2014-2021)
- **Web Address:** http://www.researchandmarkets.com/reports/3820888/
- **Office Code:** SCH3ABLL

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Electronic (PDF) - 1 - 5 Users:</th>
<th>USD 5250</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Electronic (PDF) - Site License:</td>
<td>USD 6250</td>
</tr>
<tr>
<td></td>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 8450</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code:

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp