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

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*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

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