

## NEWS RELEASE

ElectroniCast Consultants



### **Sapphire Fiber Optic Sensor Forecast – Executive Summary**

Sapphire-based Distributed and Point fiber optics sensors are forecast to increase at over 50% per year

***Aptos, CA (USA) – June 13, 2018*** -- ElectroniCast Consultants, a leading market/technology forecast consultancy, today announced the release of an Executive Summary, which provides a global market forecast for sapphire-based fiber optic sensors.

According to the Executive Summary, the combined consumption of component-level Distributed and Point (local) sapphire-based fiber optics sensors is projected to reach a global value of less than \$2 million this year; however, both product categories are forecast to increase at an impressive rate of over 50% per year (2018-2024).

Sapphire is the hardest material and has the highest melting point of any transparent material that is commonly available. The use of sapphire is desirable when fiber optic sensors are used in certain harsh environments, since sapphire is a chemical and scratch resistant material with a melting point of over 2,000°C.

The market forecast of the sapphire-based fiber optic sensors systems is further segmented by application, as follows: Industrial, Military/Aerospace, and Energy.

The market forecast data is presented for the America, EMEA, and APAC regions.

The data in this study are presented in two independent sorts: Sapphire-based Distributed Fiber Optic Sensor (component level) and Sapphire-based Point Fiber Optic Sensors (component level).

Overall, fiber optic sensor technology has experienced impressive growth since ElectroniCast first started providing market and technology analysis of the subject in the early 1980s. In fact their analysts were tracking the various advanced photonic technologies, since 1976. In regards to fiber optic sensors, laboratory demonstrations in the 1970s of fiber-optic gyros and acoustic sensors eventually led to the introduction of the first commercial intensity and spectrally based sensors.

This market forecast report is available immediately from ElectroniCast Consultants. For detailed information on this or other services provided by ElectroniCast, please contact Theresa Hosking, Marketing/Sales; [thosking@electronicastconsultants.com](mailto:thosking@electronicastconsultants.com) (Telephone/USA: 831-708-2381)

Founded in 1981, ElectroniCast – [www.electronicast.com](http://www.electronicast.com) specializes in forecasting trends in technology forecasting, markets and applications forecasting, strategic planning and consulting. ElectroniCast Consultants, as a technology-based independent forecasting firm, serves industrial companies, trade associations, government agencies, communication and data network companies and the financial community. Reduction of the risk of major investment decisions is the main benefit provided. ElectroniCast Consultants' goal is to understand the challenges and opportunities facing clients and to provide timely, accurate information for strategic planning.