Media Contact: Theresa Hosking
thosking@electronicastconsultants.com
www.electronicast.com
Telephone/USA: 831-708-2381

NEWS RELEASE

ElectroniCast Consultants

10-Year Forecast – Fiber Optic Sensors

According to ElectroniCast, the combined use of Continuous- and Quasi-Distributed fiber optics sensor systems are forecast to reach $7.95 Billion in 2027…

Aptos, CA (USA) – June 27, 2018 **--** ElectroniCast Consultants, a leading market/technology forecast consultancy, today announced the release of their market forecast and analysis of the global consumption of Fiber Optic Sensors. The market forecast data is presented and segmented in two main sections:

- Distributed Fiber Optic Sensor (Continuous and Quasi): System Level
- Fiber Optic Point (Local) Sensors: Component-Level

According to the study, during the 2017-2027 timeline, the worldwide consumption value of the combined use of Continuous- and Quasi-Distributed fiber optics sensor systems is forecasted to increase from $3.56 billion to $7.95 billion. Market forecast data in this study report refers to consumption (use) for a particular calendar year; therefore, this data is not cumulative data.

Distributed fiber optic sensors are counted as complete systems, which include several components (optoelectronic transmitter/receiver, connectors, optical fiber, cable (fiber jacket), other passive optical components, and enclosures; the quasi-distributed system also includes the FBG sensor elements).

Continuous Distributed sensing (system) provides continuous, real-time measurements along the entire length of a fiber optic cable; continuous distributed sensing does not rely upon manufactured sensors but utilizes the optical fiber.

Quasi-Distributed sensing (system) utilizes Fiber Bragg gratings (FBGs), which have been employed as sensing elements where dense (closely-spaced) sensing points are required, and the FBGs are multiplexed with various methods. The use of these FBGs are not “doubled-counted” in the Point Sensor market forecast data.

Monitoring and data transmission using fiber optic sensors and optical fiber in cabling is now commonplace in various applications, via Point sensors or Distributed Continuous fiber optic sensors.

According to the ElectroniCast, the global consumption value of Point fiber optic sensors reached $1.11 billion last year (2017). The American region (South, Central and North America) is forecast to maintain its leadership position in the Point fiber optic sensor marketplace during the 1st-half of the forecast period (2017-2022).

This study is based on analysis of information obtained continually over 30 years, but updated through the mid-June 2018.

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
(Telephone/USA: 831-708-2381)

Founded in 1981, ElectroniCast – 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.