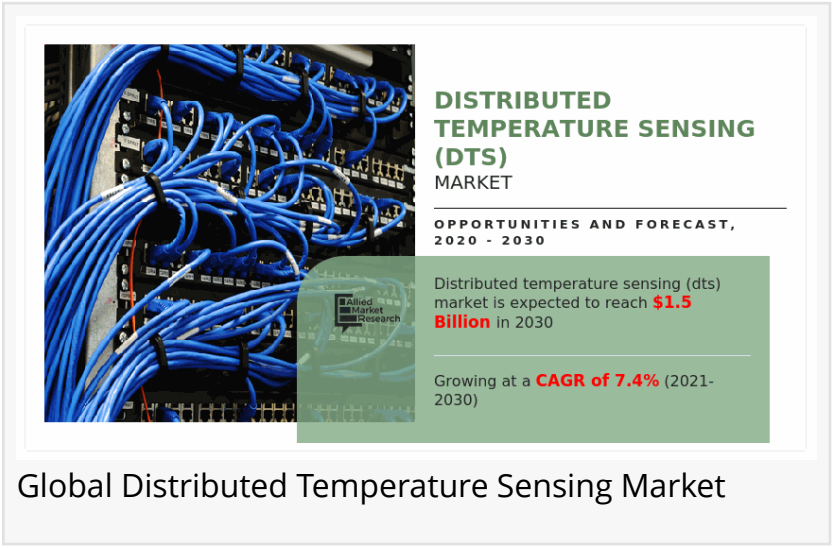
Distributed Temperature Sensing Market Trends 2030

PORTLAND, OR, UNITED STATES, June 29, 2023 /EINPresswire.com/ -- The report published by Allied Market Research provides an in-depth analysis of the top investment pockets, top winning strategies, drivers & opportunities, market size & estimations, competitive scenario, and wavering market trends. According to the report, the global distributed temperature sensing market generated $734.23 million in 2020 and is projected to reach $1.5 billion by 2030, growing at a CAGR of 7.4% from 2021 to 2030.



Global Distributed Temperature Sensing Market

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Significant surge in demand for distributed temperature sensing in oil & gas applications, increase in rules and regulations pertaining to safety standards, and rise in penetration of next-generation optic fiber-based Internet of Things (IoT) solutions are expected to drive the growth of the global distributed temperature sensing market. On the other hand, complex fault detection and troubleshooting processes are expected to hinder the growth to some extent. However, persistent technological advancements in distributed temperature sensors and rapid industrialization across the globe are expected to create ample opportunities for the industry.

The key players analyzed in the global distributed temperature sensing market report include Halliburton Co., Furukawa Electric Co., Ltd., OFS Fitel LLC, Luna Innovations, Schlumberger N.V, Prysmian Group, Weatherford International PLC, Sumitomo Electric Industries Ltd., Bandweaver Technologies. and Yokogawa Electric Corporation.

Key Benefits For Stakeholders

• This study comprises analytical depiction of the distributed temperature sensing market size

along with the current trends and future estimations to depict the imminent investment pockets.
• The overall distributed temperature sensing market analysis is determined to understand the profitable trends to gain a stronger foothold.
• The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.
• The current distributed temperature sensing market forecast is quantitatively analyzed from 2021 to 2030 to benchmark the financial competency.
• Porter's five forces analysis illustrates the potency of the buyers and suppliers in the smart display.
• The report includes the market share of key vendors and distributed temperature sensing market trends.

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The report offers a detailed segmentation on the global distributed temperature sensing market based on fiber type, operating principle, application and region.

Based on fiber type, the single-mode fiber segment held the largest market share in 2020, garnering more than two-thirds of the total market. In addition, the same segment is predicted to cite the fastest CAGR of 7.9% during the forecast period. The other segment analyzed in the report includes multimode fiber.

Based on operating principle, the optical time domain reflectometry (OTDR) segment held the majority market share in 2020, holding more than two-thirds of the total market. In addition, the same segment is anticipated to exhibit the fastest CAGR of 7.8% during the forecast period. The other segment analyzed in the report includes optical frequency domain reflectometry.

Based on region, the market across Asia-Pacific held the dominating market share in 2020, garnering more than one-third of the total market. The LAMEA region, on the other hand, is predicted to cite the fastest CAGR of 11.3% during the forecast period.

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