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Global Smart Textiles Market Size study, By Type (Passive smart textile, Active/ultra-smart textiles), By Function (Sensing, Energy Harvesting and Thermo Electricity, Luminescence & Aesthetics, Others), By Vertical (Military & Protection, Healthcare, Sports & Fitness, Fashion & Entertainment, Automotive, Others), and Regional Forecasts 2022-2028

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Abstracts

Global Smart Textiles Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028.

Smart textiles are the fabrics or intelligent textile structures that can intellect and respond to environmental stimuli such as biological, mechanical, magnetic, chemical, thermal, and other stimuli. The surging demand for the low-cost smart wireless sensor networks, growth of the wearable electronics industry, miniaturization of electronic components, and implementation of advanced technologies in smart textiles are the primary factors that are attributed to the global market demand. For instance, according to Statista, in 2019 the demand for the connected wearable device was accounted for 722 million devices around the world. Also, the number is projected to grow and reach around 1105 million devices by 2022. Consequentially, the growing demand for wearable devices is likely to propel the demand for the smart textile, which, in turn, augments the market growth. However, a lack of standards and regulations and product protection, and thermal considerations impede the growth of the market over the forecast period of 2022-2028. Also, advances in flexible electronics and the development of multi-featured and hybrid smart textiles are anticipated to act as a catalyzing factor for the market demand during the forecast period.

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The key regions considered for the global Smart Textiles Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the rising need for smart textiles, especially in healthcare, military and protection, and sports and fitness segment, and the emergence of novel technologies. Whereas, Asia-Pacific is also anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the increasing investments in the smart textile R&D activities, as well as, the development of developing economies such as India and China would create lucrative growth prospects for the Smart Textiles Market across the Asia-Pacific region.

Major market players included in this report are:
DuPont
Alphabet Inc.
Jabil Inc.
AIQ Smart Clothing Inc.
Sensoria Inc.
Gentherm Incorporated
Interactive Wear AG
Outlast Technologies LLC
Adidas AG
Hexoskin

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:
By Type
Passive Smart Textile
Active/Ultra-Smart Textiles
By Function
Sensing
Energy Harvesting and Thermo Electricity

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Luminescence & Aesthetics
Others
By Vertical
Military & Protection
Healthcare
Sports & Fitness
Fashion & Entertainment
Automotive
Others
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

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Target Audience of the Global Smart Textiles Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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